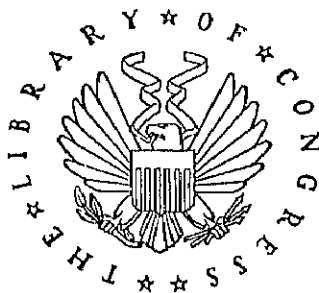


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ANNUAL INDEX TO NUMBERED SERIALS

Monthly Index *of* Russian Accessions



Volume 21, No. 1

THE LIBRARY OF CONGRESS
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HUMANITIES

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INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1954 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1954. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 21 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. A guide to the classes used and an alphabetical index to the names of these classes precedes Part C.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Parts C and D, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

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* Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

MONTHLY INDEX OF RUSSIAN ACCESSIONS

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2. BIBLIOGRAPHY

[BOOK PUBLISHING IN THE U.S.S.R. DURING 50 YEARS, statistical sketches] Pechat' SSSR za 50 let, statisticheskie ocherki. Moskva, 1967. 197 p.

DOLIDZE, N., and N. PIRTSKHALAVA, comps. [Solomon Dodashvili, bibliography, 1925-1966] Solomon Dodashvili, bibliografiia, 1925-1966. Tbilisi, Metsnereba, 1967. 53 p. [In Georgian]

MIROVOI TSENTR DANNYKH MGG-D. Katalog publikatsii postupivshikh v MTsD BI s tanvara po iyun' 1967. Catalogue of publications received by WDC BI between January and June 1967. Moskva. No. 17. Obshchii. General. 1967. 6 p.

MORKUNAITE, Z. [Nature of Soviet Lithuania and its protection, a list of recommended literature] Taryba lietuvis gamta ir jos apauga, rekomenduojamos literaturos rodykle. Vilnius, 1966. 101 p. [In Lithuanian]

[100,000 WHYS, a recommended bibliographical index of books for school children of the 4th-6th grades] Sto tyslach pochemu, rekomendateli'nyi bibliografi-cheskii ukazatel' knig dlia shkol'nikov 4-6-kl' klas-sov. Leningrad, Detskaiia lit-ra, 1967. 53 p.

3. PHILOSOPHY & RELIGION

ANTONIAN, M. O. [Correlation between objective conditions and subjective factors under socialism] Sootno-sheniye ob'ektivnykh usloviy i sub'ektivnogo faktora pri sotsializme. Erevan, Izd-vo Akad. nauk Armian-skoi SSR, 1967. 239 p.

MELIUKHIN, S. T. [General laws of the development of matter] Zakonomernosti razvitiia materi. Moskva, Znanie, 1967. 48 p. (Novoe v zhizni, nauke, tekhnike. XII Seriya. Estestvoznaniye i religiiia, 12)

PARNIUK, M. A. [Determinism of dialectical materialism] Determinizm dialekticheskogo materializma. Kiev, Naukova dumka, 1967. 258 p.

[PROBLEMS IN THE HISTORY OF PHILOSOPHY AND THE LENINIST PHASE OF ITS DEVELOPMENT, discussions on current problems of science] Problemy istorii filosofii i leninskogo etapa ee razvitiia, besedy po aktual'nym problemam nauki. Moskva, Znanie, 1967. 63 p. (Novoe v zhizni, nauke, tekhnike. II Seriya. Filosofiiia, 11)

PUSHKIN, V. N. [Euristics, the science of creative thinking] Evisitika - nauka o tvorcheskoi myshleni. Moskva, Politizdat, 1967. 269 p. (Nad chem rabotaiut, o chem sporiat filosofi)

[SCIENCE AGAINST RELIGION] Nauka protiv religii. Izd. v trekh knigakh. Moskva, Nauka, 1967. 506 p. (Obshchestvo i religiiia)

SHISHINA, I. G. [Stories about the blood, red magic and science] Rasskazy o krov'i, kraenaiu magii i nauke. Moskva, Znanie, 1967. 31 p. (Novoe v zhizni, nauke, tekhnike. XII Seriya. Estestvoznaniye i religiiia, 10)

VOLKOVA, E. V., and others. [The role of dialectical categories in the study of biological phenomena] Rol' kategorii dialektiki v izucheni biologicheskikh yavlenii. Minsk, 1967. 248 p.

4. HISTORY

BEILEKCHI, V. S., comp. [Bibliography of Moldavian archaeology, 1946-1966] Bibliografiia po arheologii Moldavi (1946-1966 gg.). Kishinev, 1967. 27 p.

[CRITICISM OF PRESENT-DAY BOURGEOIS HISTORIOGRAPHY, a collection of articles] Kritika novoi'shei burzhuaznoi istoriografii, sbornik statei. Leningrad, 1967. 380 p.

DZIDZIGURI, SH. V. [History of Hungarian-Georgian cultural contacts. Iz istorii Vengersko-Gruzinskikh kul'turnykh otnoshenii. Tbilisi, Sabcheta Sakartvelo] 1967. 61 p. [In Georgian]

ELISEEV, A. I. [Our city, memorable places, events, and names] Rodnoi gorod, pamtatnye mesta, sobytia, imena. [Gor'kii, Volgo-Viat'skoe knizhnoe izd-vo, 1967. 542 p.]

[50 HEROIC YEARS, a recommending index of literature] 50 geroi-cheskikh let, rekomendateli'nyi ukazatel' literatury. Moskva, Kniga, 1967. 37 p. (V pomoshch' propagande tezisov Tsentral'nogo Komiteta KPSS "50 let Velikoi Oktia-br'skoi sotsialisticheskoi revoliutsii")

[GLORY OF THOSE DAYS WILL LAST FOREVER] Etkhi dnei ne smolknut slava. [Barnaul, Altai'skoe knizhnoe izd-vo, 1967. 221 p.]

[THE GREAT OCTOBER REVOLUTION TOOK PLACE HERE, visiting places of the armed uprising in Petrograd] Zdes' svoi shalsta Velikii Oktia-br', po mestam voouzhennogo vosstaniia v Petrograde. [Leningrad] Lenizdat, 1967. 242 p.

[A GUIDEBOOK TO THE GENEALOGY COLLECTION IN THE DEPARTMENT OF DOCUMENTARY SOURCES OF THE STATE HISTORICAL MUSEUM] Putevoditel' po fondam Ichnogo proiskhozhdeniia otela pis'mennykh istochnikov Gosudarstvennogo Istoricheskogo muzeia. Moskva, 1967. 388 p.

[HISTORY OF THE CITIES AND VILLAGES OF THE UKRAINIAN S.S.R., Kharkov Province] Istoriia mist i sil Ukrain'skoi SSR; Kharkivs'ka oblast'. Red. kolegiia toma: M. A. Stroshtan ia inshi. Kyiv, Holovna red. Ukr. rad. Entsiklopedii AN URSR, 1967. 1601 p.

KIKNADZE, M. G. [In the skies of our capital city] V nebe stolitsy. Moskva, DOSAAF, 1967. 85 p.

[LETTERS FROM THE FRONTLINES] Pis'ma frontovye [Kemerovo, Kemerovskoe knizhnoe izd-vo, 1967. 291 p.]

LOBODA, V. F. [Military glory] Soldatskaia slava. Moskva, Voenizdat. Book 2. 1967. 350 p.

MALAKHOVSKII, K. V. [A three times discovered land] Trizhdy otkrylaia zemlia. Moskva, Nauka, 1967. 71 p.

MARTIROSIAN, G. O. [From the Neman to Koenigsberg. Ot Nemana do Kenigsberga. Erevan] 1967. 26 p. [In Armenian]

MEDVEDSKAIA, L. A. Pavel Ivanovich Pestoi'. [Moskva, Prosveshchenie, 1967. 140 p. (Istoricheskaiia biblioteka shkol'nika)]

MILLER, V. O. [Establishment of the Soviet Latvian state] Sozdanie sovetskoi gosudarstvennosti v Latvi. Riga, Zinatne, 1967. 528 p.

MNATSAKANIAN, A. N. [At the barricades of the October Revolution. Na barrikadakh Oktia-bria. Erevan, Aiasian] 1967. 361 p. [In Armenian]

MUZEI M. V. LOMONOSOVA, Lomonosovo. [The M. V. Lomonosov Museum; a guidebook] Putevoditel'. [Arkhangelsk] Severo-Zapadnoe knizhnoe izd-vo, 1967. 47 p.

NOMINKHANOV, D. TS-D. [In a united family] V ednoi sem'e. Elista, Kalmytskoe knizhnoe izd-vo, 1967. 109 p.

OKLADNIKOV, A. P. [We are preparing a history of Siberia. . .] Pishetsia istoriia Sibiri. Moskva, Znaniye, 1967. 62 p. (Novoe v zhizni, nauke, tekhnike. X Seriya. Molodezhnaya, 23)

[OUTLINE HISTORY OF RUSSIAN CULTURE, from ancient times to 1917] Kratki ocherk istorii russkoi kul'tury, s drevneishikh vremen do 1917 goda. Leningrad, Nauka, 1967. 651 p.

POLIAKOV, I. U. A. [The great turning point of history] Velikii rubezh istorii. Moskva, Nauka, 1967. 116 p.

[PROBLEMS OF WORLD HISTORY, a collection of historiographical studies] Problemy vserossiiskoi istorii, istoriograficheskie sborniki. Otv. redaktsiia V. G. Rozumenkov. [Leningrad] Izd-vo Leningr. univ., 1967. 178 p.

RAKOVSKII, L. I. [Mikhail Tukhachevskii, a tale] Mikhail Tukhachevskii, povest'. [Leningrad] Lenizdat, 1967. 203 p.

REIKH, I. U. N. [Selected works] Ibrannye trudy. Moskva, Nauka, 1967. 570 p. [In Russian, English, and French]

RODIONOV, V. S. [Feet of the youngest son] Podvig mladshogo syna. Saratov, Privolzh'skoe knizhnoe izd-vo, 1967. 77 p.

[ROLL CALL OF GENERATIONS] Pereklitchka pokolenii. [Moskva] Mosk. rabochii, 1967. 390 p.

ROZANOV, G. L., K. P. VOSHIENKOV, and A. V. MELIKSETOV. [Recent history, 1945-1966, a manual for teachers] Novoi'shina istoriia (1945-1966); posobie dlia uchitelia. Moskva, Prosveshchenie, 1967. 245 p.

ROZNER, I. G. [Role of the Cossacks in the Peasant War of 1773-1775; author's abstracts of a dissertation for the academic degree of doctor in historical sciences] Kazachestvo v Krest'ianskoi voine 1773-1775 gg., avtoreferat dissertatsii na soiskante uchnoi stepeni doktora istoricheskikh nauk. Leningrad, 1967. 38 p.

SARTAKOV, S. V. [First meeting] Pervaya vstrecha. Moskva, Molodaiia gvardiia, 1967. 169 p.

[VICTORY OF THE SOVIET REGIME IN CENTRAL ASIA AND KAZAKHISTAN] Pobeda Sovetskoi vlasti v Srednei Azii i Kazakhstane. Tashkent, Fan. 1967. 788 p.

ZAKHAROV, N. S., and I. A. EMEL'IANOVA. [The soviets of the Central Volga Valley on the eve of the October Revolution, based on the materials of the Kazan Government] Sovety Srednego Povolzh'ia v period podgotovki Oktia-br'skoi revoliutsii; po materialam Kazanskoi gubernii. [Kazan'] Izd-vo Kazanskogo univ., 1967. 127 p.

5. SOCIAL SCIENCES

[ACCOUNTING FOR CAPITAL ASSETS AND LOW-PRICED ARTICLES; materials of a conference] Uchet osnovnykh sredstv i malotsennykh predmetov, materialy konferentsii. Moskva, 1967. 132 p.

ACHARKAN, V. A. [State pensions] Gosudarstvennye pensii. Moskva, Uird. lit-ra, 1967. 105 p.

- [ALGORITHMS AND PROGRAMS FOR ESTIMATING LIMITING EQUIPMENT, a methodological aid for technical and economic planning in a machinery manufacturing enterprise] Algoritmy i programy raschetov limitiruyushchego oborudovaniia, metodicheskoe posobie po tekhniko-ekonomicheskoi planirovaniu na mashinostroitel'nom predpriatii Novosibirsk, 1966 131 p.
- ANDREEV, N. S. [Commodity production Commodity and money, an aid to students attending universities of Marxism-Leninism] Tovarnoe proizvodstvo. Tovar i den'gi, v pomoshch' slushateliam universitetov marksizma-leninizma Moskva, Mysl', 1967 78 p.
- ARAKELIAN, A. A. [Armenia as an industrial republic] Armenia industrial'naya respublika. Erevan, Alastan 1967 60 p.
- [ANTICOMMUNISM IS A WEAPON OF IMPERIALIST REACTIONARY POLICY] Antikommunizm - orudie imperialisticheskoi reaktsii Moskva, Mysl', 1967 245 p.
- BARBUKOV, N. A., and I. N. IUDIN. [Social foundation of the CPSU] Sotsial'naya baza KPSS Moskva, Znaniye, 1967. 63 p. (Novoe v zhizni, nauke, tekhnike XV Seriya Istorii i politika KPSS, 8)
- [BASIC REGULATIONS ON DEVELOPING AND USING SYSTEMS OF NETWORK PLANNING AND MANAGEMENT, interbranch instructional and methodological materials] Osnovnye polozenia po razrabotke i primeneniui sistem setevogo planirovaniia i upravleniia, mezhotraslevye instruktsivno-metodicheskie materialy. Izd. 2, peier. i dop Moskva, Ekonomika, 1967 85 p.
- BIKRITSKII, V. [Educational role of the collective] Kollektiv - vospitatei'. Tashkent, "Uzbekistan," 1967 92 p.
- BURAYSKII, A. E. [Interfarm cooperation] Mezkhokhozhnye ob'edineniia. Minsk, Urozhai, 1967 150 p.
- CHETYRKIN, E. M. [Use of modern computers and mathematical methods in the planning and management of the national economy of the U. S. S. R., for universities of Marxism-Leninism] Primenenie sovremennoi vychislitel'noi tekhniki i matematicheskikh metodov v planirovanii i upravlenii narodnym khoziaistvom SSSR, dia universitetov marksizma-leninizma. Moskva, Mysl', 1967 55 p.
- [COLLECTION OF SUPPLEMENTARY, EXPLANATORY, AND CORRECTIVE NOTES TO THE REGIONAL STANDARD UNIT PRICES IN FORCE FOR CONSTRUCTION WORK] Sbornik dopolnenii, raz'iasnenii i popravok k deistvuiushchimi ERER na stroitel'nye raboty Moskva, Stroizdat. Nos 13-15. 1967. 3 v.
- DAVYDOV, A. D. [The agrarian system of Afghanistan; main stages of development] Agriarnyi stroi Afganistana, osnovnye etapy razvitiia Moskva, Nauka, 1967. 179 p.
- DERBISHER, A. V. [The industrial manager's work method] Stil' raboty khoziaistvennogo rukovoditelia Moskva, Ekonomika, 1967. 49 p. (Biblioteka khoziaistvennogo rukovoditelia)
- [DOCUMENTS OF THE GLORIOUS LABOR OF MOSCOVITES, 1919-1965, history of the struggle for communist form of work. A collection of documents and materials] Dokumenty trudovoi slavy moskvichoi, 1919-1965, iz istorii bor'by za razvitiie kommunisticheskikh form truda. Sbornik dokumentov i materialov Red. kollegii sbornika: D. V. Diaglev i dr. Glav red A. A. Dobrodanov i dr. [Moskva, Nauka, 1967] 501 p. (Trudy po istorii Moskvy)
- [ECONOMIC PROBLEMS OF THE BUILDING OF COMMUNISM] Ekonomicheskie problemy stroitel'stva kommunizma. [Leningrad] Izd-vo Leningr. univ., 1967. 201 p.
- [ECONOMIC THEORY OF MARX AND LENIN AND MODERN CAPITALISM] Ekonomicheskaya teoriia Marksa - Lenina i sovremennyi kapitalizm. Moskva, Mysl', 1967. 406 p.
- [ECONOMY OF SOVIET WHITE RUSSIA, 1917-1967] Ekonomika Sovetskoi Belorussii, 1917-1967. [Minsk, Nauka i tekhnika, 1967] 571 p.
- [THE ECONOMY OF THE WHITE RUSSIAN S. S. R. in the building of communism] Ekonomika Belorusskoi SSR v stroitel'stve kommunizma. [Minsk, "Belarus", 1967] 405 p.
- [ECONOMY OF TULA PROVINCE, a statistical abstract] Narodnoe khoziaistvo Tul'skoi oblasti, statisticheskii sbornik Tula, Priokskoe knizhnoe izd-vo, 1967 366 p.
- EFIMKIN, V. S. [Operation control over the cost of production] Operativnyi kontrol' za izderzhkami proizvodstva Moskva, Finansy, 1967 87 p.
- GAL'TSOV, A. D. [Establishing norms, and the principles of scientific labor organization in machinery manufacture] Normirovaniie i osnovy nauchnoi organizatsii truda v mashinostroenii Moskva, Mashinostroenie, 1967 400 p.
- GARBER, I. S. [Basic principles of the scientific organization of labor at work areas in coal mines, lecture delivered at advanced economics courses for the managerial staff of the coal industry] Osnovnye polozenia nauchnoi organizatsii truda na rabochikh mestakh ugol'nykh shakht, lektsiia, pročitannia na vysshikh ekonomicheskikh kursakh rukovodiasheikh rabotnikov ugol'noi promyshlennosti Shakhty, 1966. 22 p.
- GRISHIN, K. N. [Party organizations and the economy of collective farms] Partinye organizatsii i ekonomika kolkhovov [Moskva] Mosk. rabochii, 1967 77 p.
- GULIAN, P. V. [Latvia in the system of the national economy of the U. S. S. R.] Latvija v sisteme naodnogo khoziaistva SSSR. Riga, Zinatne, 1967 365 p.
- [HISTORY OF THE INDUSTRIALIZATION OF THE KAZAKH S. S. R., 1926-June 1941, in two volumes] Istoriiia industrializatsii Kazakhskoi SSR (1926-Iiun' 1941 gg.) v dvukh tomakh Alma-Ata, (Istoriiia industrializatsii SSSR, dokumenty i materialy) Vol. 2 [1933-June 1941] 1933 - Iiun' 1941 gg. Pod red. S. B. Baishva. 1967 432 p.
- [HOW WE GREW UP. Kak my rostli, Tbilisi, Sabchota Sakartvelo] 1967. 1 v. [In Georgian]
- [IMPROVING THE MANAGEMENT OF THE NATIONAL ECONOMY, materials of an academic conference devoted to the 50th anniversary of the Great October Socialist Revolution] Sovershenstvovanie upravleniia narodnym khoziaistvom, materialy nauchnoi konferentsii posviashchennoi 50-letiiu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii Vilnius, Gazetno-zhurnal'noe izd-vo, 1967. 137 p.
- ITIN, L. I., R. E. LESHCHINER, and L. I. ULITSKII [Methods of justifying the concentration and specialization of production] Voprosy metodiki obosnovaniia konsentratsii i spetsializatsii proizvodstva Pod red L. I. Itina Moskva, 1967 63 p.
- KHACHATRIANTS, I. T. [Organization and administration of construction work] Organizatsiia i upravlenie stroitel'nym proizvodstvom Minsk, Nauka i tekhnika, 1967 131 p.
- KHANELIS, I. A. N. [Trade and economic information] Toi govo-ekonomicheskaya informatsiia. Moskva, Statistika, 1967. 230 p.
- KIPERBERG, M. A. [Business correspondence in enterprises] Delovaya korrespondentsiia predpriatii Moskva, Ekonomika, 1967. 61 p. (Biblioteka khoziaistvennogo rukovoditelia)
- KOLESNIK, A. A., and others. [Commercial study of food products] Tovarovedenie prodovol'stvennykh tovarov. Izd. 2, dop i perer Moskva, Ekonomika, 1967. 447 p.
- KOTOV, F. I. [The eighth five-year plan in operation] Vos'malaia platielka - v deistvii. Moskva, Znaniye, 1967. 46 p. (Novoe v zhizni, Nauke, tekhnike, III Seriya Ekonomika, 19)
- KOZLOVSKII, V. I. [Economic ties between industry and agriculture] Ekonomicheskie svyazi mezhdu promyshlennost'iu i sel'skim khoziaistvom. Minsk, "Belarus", 1966. 117 p.
- KRISTIN, K. I. [Economy of the Estonian S. S. R.] Ekonomika Estonskoi SSR. Moskva, Ekonomika, 1967. 70 p. (Soluznye respubliki v novoi platielke, 1966-1970)
- KUKLINA, I. N. [Depreciation of fixed capital in the industry of the U. S. A.] Amortizatsiia osnovnogo kapitala v promyshlennosti SHA Moskva, Nauka, 1967. 164 p.
- KUTIN, V. P., and E. N. KALIUK. [Scientific labor organization in construction work, from practice in improving the organization of labor at construction sites of Kharkov] Nauchnaia organizatsiia truda v stroitel'stve, iz opyta sovershenstvovaniia organizatsii truda na stroitkakh Khar'kova Khar'kov, Prapor, 1967 136 p.
- LAZAREV, B. M. [Administration of Soviet trade, organizational and legal problems] Upravlenie sovetiskoi torgovlei; organizatsionno-pravovye voprosy Moskva, Iurid lit-ra, 1967. 182 p.
- LENINGRADSKII GOSUDARSTVENNYI UNIVERSITET [Lenin's theory of imperialism and modern capitalism, materials of a conference of the Department of Economics of Modern Capitalism (Leningrad, February, 1967)] Leninskaya teoriia imperializma i sovremennyi kapitalizm, materialy nauchnoi konferentsii kafedry ekonomiki sovremennogo kapitalizma (Leningrad, fevral' 1967 goda) [Leningrad] Izd-vo Leningr. univ., 1967 102 p.
- LOBASHEV, A. I. [Rural population and agriculture of Afghanistan in figures] Sel'skoe naselenie i sel'skoe khoziaistvo Afganistana v tsifrakh. Moskva, Nauka, 1967 93 p.
- LOKTEV, V. P., and G. L. BULGAKOV [Centralized planned management of the economy and the initiative of enterprises] Tsentralizovannoe planovoe upravlenie ekonomiki i initsiativa predpriatii. Minsk, "Belarus", 1968 77 p.
- LOMOV, B. F. [Man to the management systems] Chelovek v sistemakh upravleniia Moskva, Znaniye, 1967. 46 p. (Novoe v zhizni, nauke, tekhnike. IV Seriya Tekhnika, 10)
- MAKARENKO, M. E. [In the interest of everybody] V interesakh kazhdogo [Moskva] Mosk. rabochii, 1967 87 p. (V pomoshch' agitatoru i propagandistu)
- [METHOD OF TEACHING THE COURSE "ORGANIZATION AND PLANNING THE OPERATIONS OF INDUSTRIAL ENTERPRISES"] Metodika prepodavaniia kursa "Organizatsiia i planirovanie deiatel'nosti promyshlennyykh predpriatii" Pod red S. E. Kamentseva Moskva, 1967. 113 p.
- [METHODOLOGICAL AID FOR THE STUDY OF THE COURSE "POLITICAL ECONOMY"] Metodicheskoe posobie k izucheniui kursa "Politicheskaya ekonomika" Moskva, Mysl' Sec. 1/2. [The precapitalist means of production, and the capitalist means of production] Dokapitalisticheskie sposoby proizvodstva i kapitalisticheskii sposoby proizvodstva 1967. 61 p.
- [METHODOLOGICAL PRINCIPLES OF THE ECONOMIC EVALUATION OF LAND] Metodologicheskie osnovy ekonomicheskoi otsenki zemli. Moskva, Ekonomika, 1967. 199 p.
- MIKELADZE, I. S. [Economy of the Georgian S. S. R.] Ekonomika Gruzinskoi SSR Moskva, Ekonomika, 1967 86 p. (Soluznye respubliki v novoi platielke, 1966-1970 gg.)
- MIKHAILUTIN, P. F. [Historical regularity of the non-capitalist road of the undeveloped countries toward socialism] Istoricheskaya zakonomenost' nekapitalisticheskogo razvitiia olataykh stran k sotsializmu. Frunze, "Kyrgyzstan", 1966. 98 p.
- MIKHAILOV, M. V., and A. S. MOTYLEV [What are the decisions of the plenary session of the Central Committee of the CPSU in September, measures for raising the standard of living of the Soviet people] Chto reshil sentyabrskii Plenum TsK KPSS, mury na dal'neishemu povysheniiu blagosostoiandiia sovetского naroda. Moskva, Politizdat, 1967. 31 p.
- MININKOV, I. A., and B. A. TSOI [Economics laboratory at work] Ekonomicheskaya laboratoriiia za rabotoi [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1967. 52 p. (Uchis' khoziaistvat')
- [NATIONAL ECONOMY OF CHELYABINSK PROVINCE; a statistical abstract] Narodnoe khoziaistvo Cheliabinskoi oblasti, statisticheskii sbornik Cheliabinsk, Statistika, 1967. 420 p.
- [NATIONAL ECONOMY OF THE TATAR A. S. S. R.; a statistical abstract] Narodnoe khoziaistvo Tatarskoi ASSR; statisticheskii sbornik. Kazan', Statistika, 1966. 285 p.
- NAZAREVSKII, V. A. [Economy of the U. S. A. and the war in Vietnam] Ekonomika SHA i voina vo V'ietname Moskva, IMO, 1967. 78 p.

NIKOL'SKAYA, E. A., and M. O. NIKOL'SKII [Cultural and social aspects of family life] Kul'tura i byt sem'i [Moskva] Profil'dat, 1967 79 p. (Biblioteka sel'skogo profsoznogo aktivista, no 15 (87))

[OUR REPUBLIC, facts and figures] Nasha respublika, tsifry i fakty [Minsk, "Belarus," 1967] 196 p

PETROV, A. S. [What is organization of management] Chto takoe organizatsiya upravleniya Moskva, Znaniye, 1967. 79 p. (Narodnyi universitet Tekhniko-ekonomicheskii fakul'tet, 8)

PISHCHULIN, I. P. [Analysis of the organization and management of production with the aid of graphic methods] Analiz organizatsii i upravleniya proizvodstvom s pomoshch'yu graficheskikh metodov Moskva, Ekonomika, 1967 44 p. (Biblioteka khoziaistvennogo rukovoditel'ia)

[THE POPULATION OF THE WORLD, a reference book] Naseleniye MIRA, spravochnik. Erevan, Aistat, 1967. 504 p. [In Armenian]

[PROBLEMS OF DEVELOPING THE NATIONAL ECONOMY OF THE UKRAINIAN S. R.] Voprosy razvitiia narodnogo khoziaistva Ukrainskoi SSR. Kiev, Budivelnik, 1967. 219 p

[PROBLEMS OF STANDARDIZATION, METROLOGY AND CONTROL OF PRODUCTION QUALITY IN GREAT BRITAIN, reference material] Voprosy standartizatsii, metrologii i kontrolya kachestva produktov v Velikobritanii, spravochnyi material Moskva, Izd-vo Standartov, 1966 30 p.

RAKITSKII, D. V., and L. V. SHASTLIVTSEVA. [Economics of quality] Ekonomika kachestva Moskva, Znaniye, 1967 31 p. (Novoe v zhizni, nauke, tekhnike, III Seriya Ekonomika, 20)

RAL'KO, V. A. [You can achieve everything if you love work] Vsego dostignesh', esli lubish' trud [Minsk, Urozhai, 1966] 82 p. (Resheniia XXII s'ezda KPSS - v zhizni!)

REMIZOV, K. S. [Economics of labor in an industrial enterprise] Ekonomika truda na promyshlennom predpriatii. [Moskva] Mosk. rabochii, 1967 198 p

RESHETOV, P. N. [Paths and destinies of the youth of the West, a sociological sketch] Puti i sud'by molodezhi Zapada; sotsiologicheski ocherk. Moskva, Znaniye, 1967. 44 p. (Novoe v zhizni, nauke, tekhnike, X Seriya Molodezhnala, 16)

ROGACHEV, S. V. [Industrialization of agricultural production] Industrializatsiya sel'skokhoziaistvennogo proizvodstva Moskva, Ekonomika, 1967. 118 p.

RUSANOV, E. S., and I. P. KUPRIENKO [Development of production and improvement of the living standards of the Soviet people] Razvitiye proizvodstva i rost zhiznennogo urovnia sovetskogo naroda. Moskva, Ekonomika, 1967 20 p

SARKISIAN, G. S., and N. P. KUZNETSOVA. [Family demands and income] Potrebnosti i dokhod sem'i. Moskva, Ekonomika, 1967. 174 p.

SHUTOV, I. M. [Cities in which we live; facts and figures] Goroda, v kotorykh my zhivem; tsifry i fakty Moskva, Statistika, 1967. 75 p. (Statistika dlia vseh)

SIASIN, A. A. [Land rent under capitalism; a textbook] Zemel'naya renta pri kapitalizme; uchebnoe posobie Redaktor E. I. Khessina. Moskva, 1967. 42 p

SMIRNOVA, A. I. [Disciples of the party; women delegates in the 1920's] Vospitanitsy partii, delegatki 20-kh godov. Barnaul, Altaiskoe knizhnoe izd-vo, 1967. 47 p

SOSKIN, S. N. [Overcoming differences between socioeconomic conditions, cultural level, and standard of living of urban and rural areas during the building of communism] O preodolenii sotsial'no-ekonomicheskikh i kul'turno-bytovykh razlichii mezhdu gorodom i derevnei v period stroitel'stva kommunizma. Alma-Ata, "Kazakhstan," 1967. 220 p

[SOVIET GEORGIA ON THE 50th ANNIVERSARY OF THE GREAT OCTOBER SOCIALIST REVOLUTION] Sovetskaya Gruzia k 50-letii Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii. Tbilisi, Statistika, 1967. 327 p.

[SOVIET RUSSIA, 1917-1967] Rossiia Sovetskaya, 1917-1967. [Moskva, Sov. Rossiia, 1967] 107 p

[STANDARDS, QUALITY, RELIABILITY, AND INNOVATION] Standarty, kachestvo, naizhnost' i novatorstvo Kishinev, Kartia Moldoveniaske, 1967 102 p

TABEEV, F. A. [Economics Creativeness plus organization] Ekonomika Tvorchestvo plus organizatsiya Moskva, Znaniye, 1967 75 p. (Naodnyi universitet Tekhniko-ekonomicheskii fakul'tet, 12)

TERLIZHENKO, I. N. [Correlative analysis of production costs on collective farms] Korelativnyi analiz sebestoimosti produktov v kollektivakh Minsk Urozhai, 1967 113 p

[TIMETABLE FOR SUBURBAN TRAINS FOR THE SUMMER OF 1967 Moscow - Zavidovo - Kalinin Moscow - Konakovo State Regional Electric Power Plant Moscow - Klin Klin - Vysokovskaya] Raspisanie pigoozdov na leto 1967 g Moskva - Zavidovo - Kalinin Moskva - Konakovo GRES Moskva - Klin Klin - Vyskovskaya Leningrad, Transport [1967] 46 p

[TRAFFIC REGULATIONS FOR CITIES, POPULATED PLACES, AND HIGHWAYS OF THE U. S. S. R.] Pravila dvizheniya po ulitsam gorodov, naselennykh punktov i dorogam SSSR. Minsk, 1967 94 p

UCHANEISHVILI, D. T. [Documents on the economic history of Georgia, 17th-19th centuries] Dokumenty k ekonomicheskoi istorii Gruzii (XVII-XIX vv.) Tbilisi, Metsnereba, 1967 236 p. [In Georgian]

[USE OF LABOR RESOURCES ON COLLECTIVE FARMS] Ispol'zovanie trudovykh resursov v kollektivakh. Minsk, Urozhai, 1966. 44 p

[VICTORY OF SOCIALISM AND THE BUILDING OF COMMUNISM IN THE U. S. S. R. ARE THE TRIUMPH OF MARXISM-LENINISM, materials of a theoretical conference] Pobeda sotsializma, stroitel'stvo kommunizma v SSSR - Tozhestvo marksizma-leninizma; materialy teoreticheskoi konferentsii Moskva, 1967 88 p

VOROB'EV, G. G. [The punched card method of documentary accounting in the national economy] Pefokalni tnyl metod dokumentalnogo ucheta v naodnom khoziaistve Moskva, Ekonomika, 1967 134 p.

ZARKHIN, M. M., and A. I. MALKEVICH. [The five-day workweek is a progressive form of labor organization] Platidnevka i progressivnaya forma organizatsii truda. Kishinev, Kartia Moldoveniaske, 1967. 84 p.

6. POLITICAL SCIENCE

BORISOVA, R. B., and M. E. KRUTIKOVA. [What is party talk?] Partinyy razgovor - chto eto znachit. Moskva, Politizdat, 1967 78 p. (Partianna publitsistika)

DANILOVA, L. N. [Anticommunist nature of the "open society" theory] Antikommunisticheskaia sushchnost' teorii "otkrytogo obshchestva" Moskva, Znaniye, 1967. 48 p. (Novoe v zhizni, nauke, tekhnike, II Seriya Filosofiya, 10)

FLEROV, V. S. [Heroic life V. Kosarev] Zhizn' - podvig V. Kosareva. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1967. 73 p.

KHEIFETS, A. N. [The October Revolution and the national liberation movement of the peoples of the Orient] Oktjabr' i natsional'no-osvoboditel'noe dvizheniye narodov Vostoka. Moskva, Znaniye, 1967. 31 p. (Novoe v zhizni, nauke, tekhnike VII Seriya: Mezhdunarodnaya, 16)

LENIN, V. I. [Current problems facing the Soviet regime] Ocherednye zadachi sovetskoi vlasti. Moskva, Sov. Rossiia, 1967. 179 p

[LENN'S TEACHINGS] Lennskie uroki. [Moskva, Molodaya gvardia, 1967] 173 p. (V pomoshch' propagandistu i slushateliam sistemy politicheskogo obrazovaniya molodezhi i zhurnalistam konsomol'skoi pechatii)

LEONT'YEV, T. K. [Stories about Communists] Rasskazy o kommunistakh. Moskva, Sov. Rossiia, 1967. 294 p.

MORALEV, B. N. [Party organizations in republics, territories, provinces, administrative areas, cities, and districts, a manual for universities of Marxism-Leninism] Respublikanskie, kraevye, oblasnyye, okruzhnyye, gorodskie i raionnyye organizatsii partii; dlia universitetov marksizma-leninizma Moskva, Mysl', 1967. 54 p. (Partinnoe stroitel'stvo)

MUDZHIRI, A. N. [Present-day development of the national liberation movement and the disintegration of the colonial system] Razvitiye natsional'no-osvoboditel'nogo dvizheniya i razval kolonial'noi sistemy na sovremennoi etape Tbilisi, Sabcheta Sakartvelo] 1967 68 p. [In Georgian]

NEDAVNII, A. L. [Organs of governmental administration in the U. S. S. R., a manual for universities of Marxism-Leninism] Organy gosudarstvennogo upravleniya v SSSR, dlia universitetov marksizma-leninizma. Moskva, Mysl', 1967. 62 p. (Osnovy sovetskogo gosudarstvennogo stroitel'stva i prava)

NIKHAMIN, V. P. [Diplomacy of developing countries] Diplomatiya razvivatushchikhsia stran. Moskva, Znaniye, 1967 46 p. (Novoe v zhizni, nauke, tekhnike VII Seriya: Mezhdunarodnaya, 21)

[THE OCTOBER REVOLUTION AND THE COUNTRIES OF THE NEAR AND MIDDLE EAST] Oktjabr'skaya revoliutsia i strany Blizhnego i Srednego Vostoka Tbilisi, Metsnereba, 1967. 189 p. [In Georgian]

[OUTLINE HISTORY OF THE COMMUNIST PARTY OF ARMENIA] Ocherki istorii Kommunisticheskoi partii Armeniia Erevan, Aistat, 1967. 639 p

[PROBLEMS CONCERNING THE ORGANIZATION WORK OF THE PARTY] Voprosy partiino-organizatsionnoi raboty. Moskva, Voenizdat, 1967. 237 p

[PROBLEMS OF THEORY AND LIFE] Voprosy teorii i zhizni, sbornik statei Moskva, Pravda, 1967. 278 p

[REVOLUTIONARIES AND LEADERS OF THE MASSES, glorious galaxy of Uzbekistan Communists] Revoliutsionery, vozhaki mass, slavnaya pleiada kommunistov Uzbekistana Tashkent, "Uzbekistan," 1967. 436 p.

RUSSIA (R. S. F. S. R.) Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the R. S. F. S. R., seventh session, August 16-17, 1966, verbatim report] Zasedaniia Verkhovnogo Soveta RSFSR shestogo sozyva, sed'maia sessiia (16-17 avgusta 1966 g.) Stenograficheski otchet [Moskva] Izd Verkhovnogo Soveta RSFSR, 1966 199 p.

SAVTSOV, V. I. A. [A military adventure of the doomed] Avantiura pyrechennykh. Kyiv, Politydav Ukrayny, 1967 39 p

SOLOV'YEV, S. V. [Leninist principles of the organization and work of the Soviet governmental apparatus, a manual for universities of Marxism-Leninism] Lennskie printsipy organizatsii i deiatel'nosti sovetskogo gosudarstvennogo apparata; dlia universitetov marksizma-leninizma. Moskva, Mysl', 1967 54 p. (Osnovy sovetskogo gosudarstvennogo stroitel'stva i prava)

[TO THE SOVIET PEOPLE AND ALL WORKERS OF THE UNION OF SOVIET SOCIALIST REPUBLICS, an appeal of the Central Committee of the CPSU, the Presidium of the Supreme Soviet of the U. S. S. R., and the Council of Ministers of the U. S. S. R.] K Sovetskoiu narodu, ko vsem trudiashechimsia Soluzu Sovetskikh Sotsialisticheskikh Respublik; obrauchenie Tsentral'nogo Komiteta KPSS, Prezidiuma Verkhovnogo Soveta SSSR, Soveta Ministrov SSSR Moskva, Politizdat, 1967. 14 p.

VASIL'EV, A. K., and I. D. KOMISSROV. [The triumph of friendship born of the October Revolution, the Soviet Union and Finland] Torzhestvo družby, rozhdeniia Oktjabrem; Sovetskii Soluz - Finlandiia Moskva, Znaniye, 1967 31 p. (Novoe v zhizni, nauke, tekhnike, VII Seriya: Mezhdunarodnaya, 28)

WHITE RUSSIA. Laws, statutes, etc. [Statute on the standing committees of the province, district, city, village, and settlement soviets of workers' deputies in the White Russian S. S. R. Adopted by the Presidium of the Supreme Soviet of the White Russian S. S. R., May 22, 1967] Palnazhono ab paslatsnykh kamitsakh ablasnykh, raemykh, haradskikh, sel'skikh i paslatskorykh savetov deputatov pratsounykh Belaruskata SSR. Zatverdzhana Prezidyumam Viarhounnaha Saveta Belaruskai SSR 22 maia 1967 hoda. Minsk, "Belarus," 1967. 43 p.

ZHUOKOV, IURII, and VIKTOR SHARAPOV. [Resistance; notes of the special correspondents of "Pravda" in the Democratic Republic of Vietnam, 1965-1966] Otpor; zapiski spetsial'nykh korrespondentov "Pravdy" v Demokraticheskoi Respublike V'etnam, 1965-1966. [Moskva] Izd-vo "Pravda," 1966. 288 p

ZHUOKOV, V. G. [Where does the policy of Mao lead?] Kuda vedet politika Mao Moskva, IMO, 1967. 55 p.

LATVIAN S S R Laws, statutes, etc. [The civil law code of the Latvian Soviet Socialist Republic] Graždanskii kodeks Latvīskoi Sovetskoi Sotsialisticheskoi Respubliki Riga, Liesma, 1967 518 p.

KLIMIANOK, M. A. [Our farmers are friends with culture] Z kul'turai druzhats' khlebaroby [Minsk, Urozhaj, 1987] 41 p.

9. MUSIC, THEATER & MOTION PICTURES

KOROGODSKII, Z. IA. [The stage director and the actor]
Rezhisser i akter. Moskva, Sov. Rossiia, 1967 131 p.
(Biblioteka "V pomoshch' khudozhestvennoi samodeiatel'nosti. no. 24)

[METHODS FOR TRAINING AN EAR FOR MUSIC]
Voprosy metodiki vospitanija slukha Leningra-
Muzyka, 1967 134 p (V pomoshch' pedagogu-
muzykantu)

POGOZHEVA, L P Mikhail Romm. [Moskva, Iskustvo, 1967] 157 p. (Mastersa sovetskogo kino)

[THE TALLINN STATE ACADEMIC DRAMA THEATER
NAMED AFTER V. KINGISSEPP] V. Kingissepa
nimeline Tallinna Riiklik Akadeemiline Draama-
teater. Tallinn, Eesti Raamat, 1965, 50 p. [In
Estonian]

ALESHKOVSKIĬ, M. E., and A. V. VOROB'EV. [The Kremlin of Novgorod] *Novgorodskii Kreml'* [Leningrad] Leningrad, 1967. 77 p. (Turists o Novgorode).

DUKEL'SKAIA, L. A. [English everyday caricature of the second half of the 18th century] Angliiskaia bytovata karikatura vtoroi poloviny XVIII veka. Moskva, Sov khudozhnik [1966] 139 p.

[ETERNAL GLORY, monument to the Soviet soldiers who died in battles against fascism in Berlin] Vechnata slava, pamiatnik volnam Sovetskoi Armii, pavshim v botakh s fashizmom, v Berlina. [Leningrad, Khudozhnikovskii RSFSR 1987] 1 v.

estetično izobrazilo; not kulturno-umetniškega nasle-
dila v estetičeskom vospitanju. Alma-Ata, "Kazakh-
stan," 1967 223 p

KONSAP, VALLI [Tallinn weather vanes] Tallinskie
Ilugera Tallinn, Eesti Raamat, 1987 65 p

PIZZINATO, ARMANDO [Catalog of an exhibition]
Katalog vystavki [Moskva Sov. khudozhnik, 1967]

STASOV, V. V. [Letters to leading exponents of Russian culture] Pis'ma k detel'iam russkoj kul'tury Moskva, Nauka
Vol. 2 1987 319 p

11. LANGUAGE, LITERATURE & FOLKLORE

AIRIAN, G A [Life and literature Zhizn' i literatura. Erevan, Arastan] 1967 266 p [In Armenian]

AKADEMIJA NAUK SSSR. Pushkinskaja komissija
[Chronicle of the Pushkin Committee, 1964] Vremennik Pushkinskoi komissii, 1964 Leningrad, 1967.
80 p.

ARDOV, VIKTOR. [Funny stories] Veselye rasskazy.
Moskva, Otdel rasprostraneniia dramaticheskikh
molzvedenii VUOAP. 1987. 49 l.

ARZUMANIAN, S. A. [The Soviet Armenian novel, Sovetsko-armianskii roman Erevan, Atastan] 1967 581 p. [In Armenian]

BABAIAN, A. A. [Charents and the October Revolution. Charents i Oktjabr'. Erevan, Arastan] 1967. 90 p. [In Armenian]

BARTO, A. L. [First graders] Pervoklassniki Moskva, Detskaya lit-ra, 1967. 11 p. (Moi pervyye knizhki)

100 p

BIADULIA, ZMITROK. [Selected works] Vybrane.
Minsk, "Belarus", 1966 303 p

BLYNSKII, D. I. [Haying during floods, a poem] Senokos
v razlivo, poema [Moskva, Sov Rossia, 1967] 27 p.
illus.

BONDARENKO, P. F. [What the song didn't say] O chem ne skazala pesnia Moskva, Znanie, 1967, 125 p. (Novoe v zhizni, nauke, tekhnike. X Seriya Molodezhnaya. 19/22)

BUDAROV, G I [Stories of talga hunters] Rasskazy
taezhnykh okhotnikov Moskva, Sov pisatel', 1967
270 p.

DORIZO, N. K. [Selected verse. Izbrannaiia lirika Moskva] Molodaiia gvardiia, 1967. 28 p. (Biblioteka izbrannoi liriki)

DUBOUKA, ULADZIMIR [Yellow acacia, a tale]
Zhoutala akatsyia, apovests'. Minsk, "Belarus'," 1967, 285 p.

EL'IASHEVA, N. A. [Ashes over the city; a novel] *Pepel nad gorodom*; roman. [Leningrad] Sov. pisatel', 1967] 702 p.

EMEL'IANOVA, N A [Sources, a tale] Rodniki; povest'.
Moskva, Detskaja lit-ra, 1966. 238 p. (Shkol'naja
biblioteka)

EVNINA, E. M. [West European realism at the end of the 19th and early 20th century] *Zapadnoevropejskij realizm na rubezhe XIX-XX vekov*. Moskva, Nauka, 1967, 260 p.

FEDOROV, V. V. [Night of the sparrow; a tale, stories]
Voi ob'lnala noch'; povest', rasskazy. [Leningrad]
Lenizdat, 1967, 149 p.

GALAUNĖ, PAULIUS [Stories of a museum worker]
Muziejninko novelės. Vilnius, Vaga, 1987 162 p.
[In Lithuanian]

GALINIS, V., and others. [The Great October Socialist Revolution and Lithuanian literature] Didžioji spalio socialistinė revoliucija ir lietuvių literatūra. Vilnius, Vaga, 1967 449 p. [In Lithuanian]

GAVRILIN, D. A. [Riddle of the Troitski forest; a tale]
Zagadka Troitskogo lesa, povest'. Minsk, "Belarus",
1967. 101 p.

GILJAROVSKII, V. A. [Works in four volumes] Sochineniia v chetyr'ekh tomakh. Moskva, Pravda. (Biblioteka "Ogonek")
Vol. 2 1987. 445 p.

GORBUNOV, M. N. [The bell is ringing] Zvenit kolokol' -
chik. [Moskva] Glav. polit. upr. Sovetskoi Armii i
Voenno-Morskogo Flota, 1967. 45 p. (Biblioteka
zhurnala "Sovetskii voyn. no. 19(566))

- GOR'KII, A. M. [Mother, a tale] Mat', povest'. [Moskva, Khudozh. lit-ra, 1967] 253 p
- GRADOV, P. M. [From the first glance, a musical comedy in three acts] S pervogo vzglada, muzykal'naya komediya v trekh deystviyakh. Muzyka Viktora Kuprevicha. Otv. redaktor M. Stel'makh. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1967. 71 l.
- [I AM SERVING THE SOVIET UNION, a repertoire collection] Sluzhu Sovetskoyu Soiuзу, repertuarnyi sbornik Moskva, Sov. Rossiya, 1967. 60 p. (Bibliotekha "V pomoshch' khudozhestvennoi samodeyatelnosti," no. 20)
- IAKOVLEV, B. V. [Image of Lenin in Soviet prose in the 1960's] Obraz Lenina v sovetskoy proze 60-ikh godov Moskva, Znanie, 1967. 63 p. (Novoe v zhizni, nauke, tekhnike VI Seriya Literatura, 11)
- [IN THOSE DAYS AND NIGHTS; Leningrad writers on the October Revolution. Stories, sketches, reminiscences] V te dni i nochi, leningradskie pisateli ob Oktjabre. Rasskazy, ocherki, vospominaniya [Leningrad] Lenzdat, 1967. 380 p
- ISAKOV, D. [Strides of generations, sketches] Shagi pokoleniy, ocherki. Moskva, Krasnaya zvezda, 1967. 30 p. (Bibliotekha "Krasnoi zvezdy," no. 10(223))
- KALADZE, K. R. [An hour before old age] Za chas do starosti. Tbilisi, Literatura da khelovneba, 1967. 93 p
- KALINIKOVICH, K. R. [Good comrade. Khoroshi tovarishchi. Tbilisi, Nakaduli] 1967. 26 p. [In Georgian]
- KATAEV, V. P. [Flower of seven colors] TSvotik-semi-tsvetok. Moskva, Detskaya lit-ra, 1967. 22 p
- KAUKICHISHVILI, T. S. [Information of Greek writers about Georgia] Svedeniya grecheskikh pisateley o Gruzii. Tbilisi, Metsnereba, [In Georgian] Vol. 1 [Skylax Karyanda, Seymnus Chius, Dionysius Periegetes] Skilaks Kariandskii, Skimn Khiosskii, Dionisii Perieget. 1967. 187 p.
- KAVALEU, PAVEL [Little man, stories] Maly muzhelyna, apavdannii Minsk, "Belarus," 1966. 71 p.
- KHVEDELIDZE, R. S. [Rainbow, Raduga. Tbilisi, Nakaduli] 1967. 106 p. [In Georgian]
- KIPIANI, E. L. [Notebooks consisting of ten pages. Tetradi v desiat' listov. Tbilisi, Nakaduli] 1967. 125 p. [In Georgian]
- KOLBIN, N. I. [Guerrillas, a historical narrative] Partizany, istoricheskoe povestvovanie. Vladivostok, Dal'nevostochnoe knizhnoe izd-vo, 1967. 414 p. (Biblioteka Dal'nevostochnogo romana)
- KORENKO, JAN. [Four days and four nights] Chetyre dni i chetyre nochi. Moskva, Voenizdat, 1967. 157 p
- KOZLOV, P. S. [At the forest dam] U lesnoi plotinki. Saratov, Privolzhskoe knizhnoe izd-vo, 1967. 70 p.
- KRAPIVIN, V. P. [Val'ka's friends and sails] Val'kiny druz'ia i parusa. Moskva, Detskaya lit-ra, 1967. 142 p
- KRIVITSKII, A. I. U. [Feat of twenty eight guardsmen] Podvig dvadtsati vos'mi gvarditsyev. Moskva, Pravda, 1967. 45 p. (Biblioteka "Ogonek," no. 34)
- KUPALA, IANKA. [Burial mound; a poem] Kurhan; paema [Minsk, "Belarus," 1967] 12, 12 p.
- KURZOV, V. I. [Sunny side, novelle] Solnechnaya storona, novelly. Tula, Privolzhskoe knizhnoe izd-vo, 1966. 62 p.
- LEBANIDZE, M. S. [Clouds, verse. Translated from the Georgian] Oblaka, stikhi. Tbilisi, Literatura da khelovneba, 1967. 126 p.
- LEBEDEV, A. IA. [Animals on the way] Zveri v puti. Moskva, Malyshe, 1967. 31 p.
- LEV, F. G. [Why do trees need leaves?] Dlia chego derev'iam list'ia? Moskva, Detskaya lit-ra, 1967. 19 p.
- LIASHENKO, M. I. U. [Stories about the Soviet coat of arms] Rasskazy o Sovetskoy gerbe [Moskva, Detskaya lit-ra, 1967] 94 p
- [LIBRARY OF CONTEMPORARY YOUTH PROSE AND POETRY IN FIVE VOLUMES] Biblioteka sovremennoi molodezhnoi prozy i poezii v piati tomakh. Moskva, Molodaya gvardiya. (Prilozhenie k zhurnalu "Sel'skaya molodezh") Vol. 5. [Poetry] Poezitsia 1967. 203 p.
- [LIBRARY SCIENCE, program of a course for library science faculties of institutes of culture] Bibliotekovedenie, programma kursa dlia biblioteknykh fakul'tetov, Institutov kul'tury. Redaktory: K. I. Abramov, Z. N. Ambrazumian i I. U. V. Grigor'ev. Moskva, 1966. 67 p
- LIPKIN, S. I. [Eyewitness, verse of various years] Ochevidets, stikhotvornitsa raznykh let. Moskva, Sov. pisatel', 1967. 182 p
- MAIAKOV, I. U. V. [On eastern frontiers] Na vostochnykh rubezhakh [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1960. 203 p
- MAKRUSHENKO, P. I. [Return, a tale] Vozvrascheniye, povest' Moskva, Znanie, 1967. 77 p. (Novoe v zhizni, nauke, tekhnike X Seriya Molodezhnaya, 18)
- MAL'TSEV, O. M. [Specks of sunlight on the sea; a novel] Bliki na more, roman. [Moskva] Profizdat, 1967. 237 p.
- MANEVICH, I. and G. SHPALIKOV. [About valor, glory love (Lietuanian Kakhovskii); a drama from the time of the Decembrists] O doblasti, o slave, o liubvi (Poruchik Kakhovskii), drama iz vremenoi dekabristov. Otv. redaktor B. Emel'yanov. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1967. 85 l.
- MARKEVICIUS, ANELIUS. [Poster in a restaurant window] Plakatas i restoranu lange. Vilnius, Vaga, 1967. 113 p. [In Lithuanian]
- MATIUSHINA, O. K. [Inspired people] Okrylennoye ludi. [Leningrad] Lenzdat, 1967. 140 p
- MAVIAN, VAGRAM. [Stories and sketches. Rasskazy i ocherki. Erevan, Aiasan] 1967. 250 p. [In Armenian]
- MEL'TS, M. A., comp. [Russian folklore, a bibliographical index, 1960-1965] Russkii fol'klor' bibliograficheski ukazatel', 1960-1965. Pod red. A. M. Astakhovoi i S. P. Luppova. Leningrad, BAN, 1967. 538 p
- MIKAVA, N. M. [Frescoes, three novelle] Freski, tri novelly. Moskva, Pravda, 1967. 45 p. (Biblioteka "Ogonek," no. 37)
- NIKITIN, S. K. [Falling star, stories and tales] Paduchaya zvezda; rasskazy i povesti. Moskva, Sov. Rossiya, 1967. 220 p
- NOVIKOV, A. I. [Conspiracy of the just] Zagovor spravedlivykh. Leningrad, Detskaya lit-ra, 1967. 186 p. (Shkol'naya biblioteka)
- ODOEVTSOVA, IRINA. [On the banks of the Neva River] Na beregakh Nivy. [Washington, V. Kamkin, 1967] 400 p
- OLEVSKII, B. A. [Beginning of life, a tale. Translated from the Yiddish] Nachalo zhizni, povest'. Moskva, Khudozh. lit-ra, 1967. 245 p.
- OSTROVSKII, N. A. [Born of the storm; a novel] Rozhdeniye burei, roman. [Moskva] Molodaya gvardiya, 1967. 253 p. (Tebe v dorogu romantik)
- OSTROVSKII, N. A. [How the steel was tempered; a heroic drama in three acts] Kak zakalilas' stal', gorodcheskaya drama v trekh deystviyakh. Instantsirovka G. M. Pechnikova. Otv. redaktor A. Antokol'skii. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1967. 83 l.
- OSTROVSKII, N. A. [How the steel was tempered; a novel] Kak zakalilas' stal', roman. Minsk, "Belarus," 1967. 421 p.
- OVCHARENKO, MARILA. [Golden gates; a reader for the 7th and 8th year of study of the Ukrainian language] Zoloti vorota, chytanka dlia VII i VIII roku navchannia ukrains'koi movy. 3., popravlene vyd. New York, Vydannia Shkil'noi Rady, 1962. 260 p.
- PAUSTOVSKII, K. G. [Alone with autumn, portraits, reminiscences, sketches] Naedine s osen'yu, portrety, vospominaniya, ocherki. Moskva, Sov. pisatel', 1967. 269 p.
- PERMIK, E. A. [Memorable knots, fairy tales] Pamiatnye uzliki; skazki. Moskva, Khudozh. lit-ra, 1967. 345 p
- [PIONEER THEATER, collection of plays for school drama clubs] Pionerskii teatr; sbornik p'ies dlia shkol'nykh dramaticheskikh kruzhkov. [Moskva] Molodaya gvardiya, 1967. 149 p.
- POCORELSKII, ANTONII [Black hen, or underground inhabitants] Chernaia kuritsa, ili podzemnye zhiteli. Moskva, Sov. Rossiya, 1967. 46 p
- [PROBLEMS OF SOVIET GEORGIAN LITERATURE] Voprosy Gruzinskoi Sovetskoi literatury. Tbilisi, Metsnereba, 1967. 367 p. [In Georgian]
- [PUSHKIN, research and materials] Pushkin; issledovaniya i materialy. Leningrad, Nauka. Vol. 6. [Pushkin and Russian culture] Pushkin i russkaya kul'tura. 1967. 383 p
- [RECOLLECTIONS OF V. MONTVILA] Atsiminimai apie V. Montvila. Vilnius, Vaga, 1966. 469 p. [In Lithuanian]
- REGISTAN, G. G. [My continuation, verse and poems] Prodolzheniye mne; stikhi i poemny. [Moskva] Molodaya gvardiya, 1967. 103 p.
- RIMKEVICIUS, VYTAUTAS [Village chronicle] Katino kronika. Vilnius, Vaga, 1967. 349 p. [In Lithuanian]
- RUCH'EV, B. A. [Poems] Poemy. [Moskva, Sov. pisatel', 1967] 138 p.
- SADOVSKII, A. L. [Boy from Vyborgskaya Storona] Mal'chik s Vyborgskoi. Leningrad, Detskaya lit-ra, 1967. 180 p.
- SERMAN, I. Z. [Derzhavin. Leningrad, Prosveshcheniye, 1967. 117 p. (Biblioteka slovesnika)]
- SHCHERBAKOV, A. N. [In sunny and rainy days; a tale and stories] V solnechnye i nenasunnye dni; povest' i rasskazy. [Moskva, Voenizdat, 1967] 242 p.
- SIMONIAN, K. A. [Meadow, a collection of science fiction stories. Lug, sbornik fantasticheskikh rasskazov. Erevan, Aiasan] 1967. 104 p. [In Armenian]
- SLUCKIS, MYKOLAS [Adam's apple; a novel] Adomo obuolys; romanas. Vilnius, Vaga, 1966. 448 p. [In Lithuanian]
- SLUCKIS, MYKOLAS [Magic inkwell; a tale about unusual adventures and thoughts of Kolobok and Kolyshok. Translated from the Lithuanian] Vol'shebnaia chernil'nitsa, povest' o neobyknovennykh priklucheniakh i razmyshleniakh Kolobka i Kolyshka. Vilnius, Vaga, 1967. 202 p.
- SMIRNOV, D. A. [The seagull roasts on the waves; verse] Chitka otdykhayet na volne; stikhi. Moskva, Sov. pisatel', 1967. 125 p.
- SOFRONOV, A. V. [Honor of descent] Chest' roda. [Moskva] Glav. polit. upr. Sovetskoi Armii i Voenno-Morskogo Flota, 1967. 46 p. (Biblioteka zhurnala "Sovetskii voyn," no. 20(567))
- STADNIUK, IVAN. [People are not angels; a folk drama in three acts] Ludi ne angeli, narodnaya drama v trekh deystviyakh. Otv. redaktor Ya. Malashenko. Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1967. 83 l.
- STANEVICIUS, SIMONAS. [Works] Rastai. Vilnius, Vaga, 1967. 654 p. (Lituanistinė biblioteka) [In Lithuanian]
- TODUA, M. A. [S.-S. Orbeliani's version of "Kalila and Dimna." S.-S. Orbelianovskaya versiya "Kalila i Dimna." Tbilisi, Metsnereba] 1967. 345 p. [In Georgian]
- TOROSIAN, SH. A. [I am with you, man; verse. IA s toboi, chelovek; stikhi. Erevan, Aiasan] 1967. 161 p. [In Armenian]
- TSYBULEVSKII, A. S. [What the night watchmen watch; verse] Chto storozhat nochnye storozha, stikhi. Tbilisi, Literatura da khelovneba, 1967. 69 p.

TUR, ARIADNA, and PETR TUR [Ambassador extraordinary, a drama in three acts] Chrezvychainyi posol' drama v trekh aktakh Otv redaktor V TSlr-nik Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1967 81 p

TUR, VALERII [Don't go away again ; a drama in two acts] Bol'she ne ukhodi ; drama v dvukh deystviyakh Otv redaktor R. A. Afanas'ev Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1967 66 p

TURGENEV, I. S. [Complete collected works and letters in 28 volumes. Works in 15 volumes] Polnoe sobranie sochineniy i pisem v dvadtsati vos'mi tomakh. Sochineniya v plinadtsati tomakh Moskva, Nauka Vol. 13. [Works Tales and stories, verse in prose, 1878-1883 Works of various years] Sochineniya Povesti i rasskazy, stikhotvoreniya v proze, 1878-1883. Proizvedeniya raznykh godov 1967 734 p.

TVARDOVSKII, A. T. From the verse of these years, 1956-1967 Iz liriki etikh let, 1956-1967 [Moskva, Sov. pisatel', 1967] 62 p

[UKRAINIAN PRE-REVOLUTIONARY FABLES, an anthology] Ukrains'ka dozhotivna baika, antologiya Kyiv, Rad. pys'mennyk, 1966 342 p (Biblioteka poeta)

USHAKOV, N. N. [Theodolite, verse] Teodolit, stikhi Moskva, Sov. pisatel', 1967, 60 p.

VAKHIMISTROV, V. V., and others. [English language textbook, for use in higher military schools for officers] Uchebnik angliiskogo iazyka, dlia vysshiikh komandnykh voennykh zavedeniy Pod red. V. V. Vakhistrova Izd. 2 Moskva, Voenizdat, 1967, 450 p

[VAZHA-PHAVELA ON LITERATURE AND ART Vazha-Pshavela o literature i iskusstve Tbilisi, Izd-vo Tbilisskogo univ.] 1967 361 p [In Georgian]

VERBYTS'KII, P. P. [Boleslaw Prus, his work] Boleslaw Prus, tvorchest' Kharkiv, Vyd-vo Kharkivs'ko-ho univ., 1967, 250 p.

[VERSE ON LENIN] Stikhi o Lenine. [Moskva, Khudozh. lit-ra, 1967] 470 p

VIRTA, NIKOLAI [End of a career; a comedy in three acts] Kometa odnoi kar'ery; komediya v tri okh aktakh. Otv redaktor G. Shtain Moskva, Otdel rasprostraneniya dramaticheskikh proizvedeniy VUOAP, 1967, 68 p.

VORONIN, SERGEI [Brave clown, fairy tales] Khra-bryi kloun, skazki Leningrad, Detskaya lit-ra, 1957 14 p

ZHABITSKAIA, L. G. [Works on literature as a means of development of independent thought, results of psychological analysis] Sochineniya po literature kak sredstvo razvitiya samostoiatel'nogo myshleniya, opyt psikhologicheskogo analiza Kishinev, Lumina, 1967 69 p.

ZHUPANOV, I. L. [My home, verse] Moi dom; stikhi. Tula, Priokskoe knizhnoe izd-vo, 1967, 62 p

ZLOBIN, A. P., and A. M. VERIUZHNSKII [Eight sea, a documentary tale] Vos'moe more, dokumental'naya povest'. [Moskva] Profizdat, 1967 254 p. (Povesti o geroiakh)

12. GEOGRAPHY & GEOLOGY

ANTADZE, K. D., and others. [Georgia] Gruzia Otv. red. I. F. Davit'ia Moskva [Mysl'] 1967 317 p. (Sovetskii Soizuz, geograficheskoe opisaniye)

ARTIUKHOV, V. P., and S. E. KRYLOV [To my dear Volgograd] Volgogradu rodnomu Volgograd, Nizhne-Volzhskoe knizhnoe izd-vo, 1966 62 p

ASHGABAT Ashkhabad. [Moskva, Progress, n. d.] 1 v (chiefly illus.) [In 5 languages]

BEZHAIEV, M. S., and A. M. ASAEV. [Mineral springs in the Akhty region of the Dagestan A. S. R.] Mineral'nye istochniki Akhtynskogo raiona Dagestanskoi ASSR. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1966 77 p

BEZOBRAZOVA, A. E. [Yaroslavl; a textbook for primary grades. History and natural history] Krat. Yaroslavl'skii; uchebnoe posobie dlia nachal'nykh klassov Istorii. Prirodovedeniya Yaroslavl', Verkhne-Volzhskoe knizhnoe izd-vo, 1966, 186 p

[CROSSING RAPIDS AND MOUNTAIN PASSES] Chei ez porogi i perevaly. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1967 188 p

[COUNTRIES OF THE WORLD, a brief political and economic reference book] Shtany mira, kratkii politiko-ekonomicheskii spravochnik. Moskva, Politizdat, 1967, 502 p

[DATA ON GLACIOLOGICAL STUDIES, chronicle, discussions] Materialy glatsiologicheskikh issledovaniy, khronika, obsuzhdeniya Moskva No 13 1967 335 p

DIZHUR, BELLA [From the foot to the top of a mountain] Ot podnozhiya do vershiny Moskva, Detskaya lit-ra, 1967 62 p

DORODNOV, E. V. [Komsomol'sk-on-Amur, a guide and reference book] Komsomol'sk-na-Amure, putevoditel'-spravochnik [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1967 70 p

GAILITE, L. K., M. V. RYBNIKOVA, and R. ZH. UL'IST [Stratigraphy, fauna, and conditions governing the formation of Silurian rocks in the middle part of the Baltic region] Stratigrafiya, fauna i usloviya obrazovaniya silurskikh porod v srednei Pribaltiki Riga, Zinatne, 1967 301 p

[GEOPHYSICS OF LANDFORMS] Geofizika landshafta. Moskva, Nauka, 1967 173 p.

GERASIMOV, I. P. [Transformation of nature and the development of geographical studies in the U. S. S. R., studies in constructive geography] Preobrazovanie prirody i razvitiye geograficheskoi nauki v SSSR, ocherki po konstruktivnoi geografii Moskva, Znanie, 1967 84 p (Novos v zhizni, nauke, tekhnike XIII Seriya Nauka o Zemle, 11/12)

GUSEINZADE, GUSEIN Neft Dashiary Neftianye Kamni Baku, Azerbaidzhanskoe gos. izd-vo, 1967, 1 v

[INSTRUCTION ON THE TRANSLITERATION OF GEOGRAPHICAL NAMES OF ARAB COUNTRIES ON MAPS] Instruktisia po peredache na kartakh geograficheskikh nazvaniy arabskikh stran. Moskva, Nauka, 1966 88 p

IVANOV, V. I., V. BARSUKOV, and G. FEDIUKIN [Places to visit in the Moscow region; a guidebook to tourist places] Podmoskovnye mesta, putevoditel' po raionam turizma. Moskva, Mysl', 1967 390 p.

KASHKAI, M. A., and G. P. TAMRAZIAN. [Cross-folds (Anticlastic) of the Crimea-Caucasus region, their effect on the igneous activity and regularities in mineral distribution] Poperechnye (antikavkazskie) dislokatsii Krymsko-Kavkazskogo regiona, ikh rol' v magmatizme i zakonome nostiakh razmeshcheniya poleznykh iskopaemykh. Moskva, Nedra, 1967 74 p

KIEV [Kiev] Mysl'istvo, 1966 1 v [In Russian and German]

KOROTAEV, G. V. [Climate of Amur Province] Klimat Amurskoi oblasti Blagoveshchensk, 1967 15 p (Amurskaya oblast')

LIKHITSKII, V. [In search of spring; stories about the remarkable] V potsekh vogny; rasskazy ob udvitiel'nom. [Irkutsk, Vostochno-Sibirskoe knizhnoe izd-vo, 1967] 150 p

[LOWER PLEISTOCENE OF GLACIAL REGION OF THE RUSSIAN PLAIN] Nizhnii pleistotsen lednikovyykh raionov Russkoi ravniny Moskva, Nauka, 1967 180 p.

MAKSIMOVICH, G. A., and R. B. RUBEL' [On the earth and under] Na zemle i pod zemlei Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1966 172 p

[MATERIALS ON THE GEOLOGY AND MINERALS OF THE URALS] Materialy po voprosam geologii i poleznykh iskopaemykh Urala Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1967, 50 p

MIKHAILOV, N. N. [In a giant's footsteps] Po stopam ispolina Moskva, Politizdat, 1967 557 p

MOZDUKHOV, B. I. [Under the Balkan stars] Pod zvezdami balkanskimi. Tashkent, Esh gvardiya, 1967 113 p.

MUSHITUKOV, V. E., and P. E. NIKITIN [Places where Lenin lived and worked] Zdes' zhlil i rabotal Lenin. [Leningrad, Lenizdat, 1967] 284 p. (Po pamiatnym leninskim mestam Leningrada i okrestnostei)

NAZAROV, I. I. [Characteristics of the forming of deposits of copper pyrite formations of southern Georgia] Osobennosti formirovaniya i prognoz glubinykh (skrytykh) mestorozhdeniy mednokupetsnoi formatsii Iuzhnoi Gruzii. Moskva, Nedra, 1967 227 p.

PASHUK, A. I., and I. S. DERKACH [Lvov, a guidebook] Lviv, putivnyk Lviv, knyzhkovoz-zhurnal'na vyd-vo, 1960, 145 p

[PROBLEMS OF IGNEOUS ACTIVITY AND METAMORPHISM] Voprosy magmatizma i metamorfizma. [Leningrad] Izd-vo Leningr. univ. Vol. 2.1964, 270 p

RUBAN, I. P., and S. T. MOROZOV. [Flags over the ice] Flag nad T'dam. [Leningrad, Gidrometeorizdat, 1967] 142 p

SADOVSKII, A. A. [Basin and water mass of Khrami Reservoir] Chasha i vodnaya massa Khramskogo vodokhranilishcha Tbilisi, Metsnereba, 1967 151 p

SAVILOV, A. I. [Man and the ocean] Chelovek i okyan. Katinin, Izd-vo Agentstva pechat', 1967] 8 p. illus

SLAVIANSK [Kiev, Mystetstvo, 1965] 1 v

TESSMAN, N. F. [Field practice in meteorology and hydrology, textbook for students enrolled in faculties of geography and natural geography of pedagogical institutes] Polevaya praktika po meteorologii i gidrologii, uchebnoe posobie dlia studentov geograficheskikh i estestvenno-geograficheskikh fakul'tetov pedagogicheskikh institutov Izd. 2, dop i perer Moskva, Prosveshchenie, 1967, 116 p.

[THROUGH VLADIMIR PROVINCE, a guidebook] Po zemle Vladimirskaia, putevoditel' Yaroslavl', Verkhne-Volzhskoe knizhnoe izd-vo, 1967, 194 p

TIURINA, L. G. [At the foot of the Acropolis] U podnozhiya Akropolis Moskva, Mysl', 1965, 79 p.

VARLAPOV, A. S. [Metamorphism in connection with diabases in the region of the Bakal ore zone] Metamorfizm v svyazi s diabazami v raione Bakal'skogo rudnogo polia. Moskva, Nedra, 1967, 141 p

VOEVODA, V. M., V. A. GLINDZICH, and L. M. TSIK-KEL' [Handbook on photogrammetry in geological decoding] Posobie po fotogrammetricheskoi rabotam pri geologicheskoi dezhifirovani. Moskva, Nedra, 1967, 102 p.

VOZNESEVSKII, A. V. [Study of the region of Khangai earthquakes in 1905 in northern Mongolia] Issledovanie oblasti Khangaiskikh zemletraseniy 1905 g. v Sevelei Mongolii. Leningrad, 1962, 49 p. (Materialy Otdelentie Fizicheskoi geografii Geograficheskogo obshchestva SSSR, no 1)

[WORLD ATLAS] Atlas mira. Moskva, Glav. upr. geodezii i kartografii M-va geologii i okhrany nedr SSSR, 1963 128 p

ZAMBAKHIDZE, G. N. [Movement of a real liquid and solid bodies in curvilinear river sections] Dvizhenie real'noi zhidkosti i tverdykh tel na krivolineynykh uchastkakh rek Pod obshchel. red. N. F. Danil'ta Tbilisi, Sabchota Sakartvelo, 1967, 201 p.

13. SCIENCE

AFONIN, A. A., and V. N. STARUKOV. [Particles, fields, quanta] Chastitsy, polia, kvanty Alma-Ata, "Kazakhstan," 1967, 127 p.

AGRANOVSKII, V. A. [The capture of the one hundred and fourth] Vziatie sto chetvertogo. Moskva, Znanie, 1967 108 p. (Prochiti, tovarishchi!)

ALADASHVILI, A. S. [Selected works] Izbrannye trudy. Tbilisi, Metsnereba, 1967, 384 p. [In Georgian and Russian]

ANDRIUNAS, J., and others. [Methods in teaching physics] Fizikos deslymo metodika. Vilnius, Mintis, 1966, 508 p. [In Lithuanian]

BELYKH, V. M., and V. A. DAUGAVET. [Exercises to assist in using computation methods] Uprazhneniya po metodam vychisleniy. [Leningrad] Izd-vo Leningr. univ., 1967 53 p

- [BRIEF MANUAL OF SPACE BIOLOGY AND MEDICINE] Kniha o spirovachnik po kosmicheskoj biologii i meditsine. Pod red. A. I. Burnazhina i dr. Moskva, Meditsina, 1967. 387 p.
- BOGOLUBOV, N. N., and S. N. MERGELIAN [The Soviet school of mathematics] Sovetskaja matematicheskaja shkola. Moskva, Znanie, 1967. 63 p. (Novoe v zhizni, nauke, tekhnike. XI Seriya Matematika i Kibernetika, 9).
- CHERNIGOVSKII, V. N. [Neurophysiological analysis of the corticovisceral arch, representation of the internal organs in the cerebral cortex] Neurofiziologicheskiy analiz kortiko-visceral'noi i efektoy noj dugi, predstavitel'stvo vnutri ennih organov v koi e golovnogo mozga. Leningrad, Nauka, 1967. 108 p.
- DAVYDOV, A. S. [Collective excitation of even atomic nuclei] Kollektivnye vozbuzhdeniya chetnykh atomnykh yader. Kiev, UkrNIINTI, 1967. 90 p.
- [DEVELOPMENT OF ORGANIC CHEMISTRY IN THE U. S. S. R.] Razvitiye organicheskoi khimii v SSSR. Pod red. V. Korshaka. Moskva, Nauka, 1967. 572 p. (Sovetskaya nauka i tekhnika za 50 let).
- [DEVELOPMENT OF PHYSICS IN THE U. S. S. R. in two books] Razvitiye fiziki v SSSR v dvukh knigakh. Moskva, Nauka. (Sovetskaya nauka i tekhnika za 50 let). Book 1. 1967. 448 p.
- DUBOSHIN, G. N. [Celestial mechanics, fundamental problems and methods] Nebesnaya mekhanika, osnovnye zadachi i metody. Moskva, Gos. Izd-vo fiziko-matem. lit-ry, 1963. 586 p.
- DUBOVSKII, G. K. [Auchenorinya of the Fergana Valley] TSikadovye (Auchenorinya) Ferganskoi doliny. Tashkent, Fan, 1966. 254 p.
- DUBROVITSKII, I. V., and V. V. ORLOV. [About "golden hands", arithmetic, and diamonds] O zolotykh rukakh, arifmetike i mechtakh. Moskva, Molodaya gvardiya, 1967. 156 p.
- EFIMOV, N. V. [Quadratic forms and matrices] Kvadraticheskiye formy i matritsy. Izd. 4. Moskva, Nauka, 1967. 160 p. (Izbrannye glavy vysshej matematiki dlia inzhenerov i studentov vuzov).
- [EXCURSIONS FOR THE PURPOSE OF STUDYING THE ZOOLOGY OF VERTEBRATES IN THE STEPPE ZONE OF THE SOUTHEAST OF THE EUROPEAN PART OF THE U. S. S. R.] Ekskursii po zoologii pozvonocnykh v stepnoi zonu yugo-vostochno evropejskoi chasti RSFSR. Volgograd, 1967. 141 p.
- [FLORA OF THE KIRGHIZ S. S. R.] Flora Kirgizskoi SSR. Frunze, Ilim. Supplement, No. 1. 1967. 149 p.
- GODYTSKII, M. G., and M. P. DOROFENKO [Collection of individual and test problems in algebra and geometry for the eighth grade] Sbornik samostoiatel'nykh i kontrol'nykh rabot po algebre i geometrii dlia 8 klassa. Izd. 2., dop. Minsk, Naidnata asveta, 1967. 188 p.
- [GROWTH AND CELL DIFFERENTIATION IN PLANTS] Rost i kletochnaya differentsirovka rastenii. Moskva, Nauka, 1967. 170 p.
- [HOW WELL DO YOU UNDERSTAND PHYSICS?] Poniimate li vy fiziku? Moskva, Znanie, 1967. 93 p. (Narodnyi univiersitet kul'tury: Estestvenno-nauchnyi fakul'tet, 10).
- KARTASHIAN, A. A. [Efficient computing methods. Rational'nye sposoby vychislenii. Erevan, Lulu] 1967. 303 p. [In Armenian].
- KARUZINA, I. P. [Biology] Biologiya. 3. izd., perer. i dop. Moskva, Meditsina, 1967. 370 p.
- KONSTANTINOV, N. N. [Morphological and physiological fundamentals of the ontogeny and phylogeny of the cotton plant] Morfolo-gio-fiziologicheskie osnovy ontogeneza i filogeneza khlopkhatnika. Moskva, Nauka, 1967. 289 p.
- KRAIKO, A. N. [Variational problems involving supersonic gas flows with arbitrary thermodynamic properties] Variatsionnye zadachi sverkhzvukovykh techenii gaza s proizvol'nymi termodinamicheskimi svoistvami. Moskva, VTs AN SSSR, 1963. 82 p. (Trudy Vychislitel'nogo tsentra Akademii nauk SSSR).
- KRIVOSHEINA, N. P., and B. M. MAMAEV. [A guide to the larvae of Diptera living in wood] Opredelitel' lichnok dvukrylykh nasekomykh - obitatelei drevesiny. Moskva, Nauka, 1967. 366 p.
- KROPOTOV, A. I. Nikolai Iakovlevich Sentin, 1849-1915. Leningrad, Nauka, 1967. 135 p. (Nauchno-biograficheskaya seriya).
- KUROSII, A. G. [Theory of groups] Teoriya grupp. Izd. 3., dop. Moskva, Nauka, 1967. 648 p.
- KUZNETSOV, B. G., and I. B. POGREBYSSKII [French science and modern physics] Frantsuzskaya nauka i sovremennaya fizika. Moskva, Nauka, 1967. 79 p.
- LAVROV, S. S. [Universal programming language, ALGOL] Universal'nyi iazyk programirovaniia, ALGOL 60. Izd. 2., perer. Moskva, Nauka, 1967. 196 p. (Fiziko-matematicheskaya biblioteka inzhenera).
- LEVIN, M., and S. ULM. [Handbook on computation methods] Arvutismetodite knashamat. Tallinn, Valgus, 1966. 247 p. [In Estonian].
- LOMKATSI, TS. D. [Tables of Weierstrass elliptic functions] Tablitsy ellipticheskoi funktsii Veierstrassa, teoreticheskaya chast'. V. M. Bellakova i K. A. Knipova. Moskva, VTs AN SSSR, 1967. 88 p. (Tablitsy Vychislitel'nogo tsentra Akademii nauk SSSR).
- LUCHITSKII, I. V., V. I. GROMIN, and G. D. USHAKOV. [Experiments on the deformation of rocks at high pressures and temperatures] Eksperimenty po deformatsii gornyykh porod v ustanovke vysokikh davlenii i temperatur. Novosibirsk, Nauka, 1967. 72 p.
- [LUNAR STUDIES IN THE U. S. S. R.] Issledovanie Lunny v SSSR. [Kalinin Izd-vo Agentstva pečati. Novosti, 1967] 18 p.
- LYKOV, A. V. [Theory of heat conduction] Teoriya teploprovodnosti. Moskva, Vysshaya shkola, 1967. 191 p.
- MAKSMON, N. V., M. P. SHCHERBAKOV, and E. F. VERNER [Avanturiches and their control in Kirghizia] Lavny i bor'ba s nimi na territorii Kirgizii. Rabota vypolnena pod red. R. D. Zabrirova. Frunze, "Kyrgyzstan," 1966. 118 p.
- [MEADOW AND SWAMP VEGETATION IN THE LITHUANIAN S. S. R.] Rastitel'nost' lugov i nizinykh bolot Litovskoi SSR. Vilnius, Mintis, 1967. 162 p.
- MEN'SHIKOV, V. V. [Methods of clinical biochemistry of hormones and mediators, a textbook] Metody klinicheskoi biokhimi gormonov i mediatorov, uchebnoe posobie. Moskva, 1960. 80 p.
- [MESOZOIC AND CENOZOIC FORAMINIFERA OF WESTERN SIBERIA, the Taymyr, and the Far East] Foraminifery mezozoi i kainozoiia Zapadnoi Sibiri, Taymyra i Dal'nego Vostoka. Moskva, Nauka, 1967. 110 p.
- METSIK, M. S. [Physics of splitting micras] Fizika rassluchepeniia sled. [Irkutsk Vostochno-Sibirskoe knizhnoe izd-vo, 1967. 278 p.
- [MIGRATION OF PLANTS TO THE ARCTIC REGIONS] Pereselenie rastenii na Polarnyi sever. Leningrad, Nauka. Pt. 2. [Plant introduction results from 1932 to 1956] Rezul'taty introduktsionnykh rabot v 1932-1956 gg. 1967. 275 p.
- MIKHELOVICH, SH. KH. [Theory of numbers] Teoriya chisel. Izd. 2., perer. i dop. Moskva, Vysshaya shkola, 1967. 335 p.
- MOSKALENKO, IU. Z. [Dynamics of blood supply of the brain under normal conditions and in gravitation loads] Dinamika krovenapleneniia golovnogo mozga v norme i pri gravitatsionnykh nagruzkakh. Leningrad, Nauka. Vol. 5. [Problems of space biology] Problemy kosmicheskoi biologii. Pod red. N. M. Slakina. 1967. 217 p.
- MUSAEV, S. M. [Coordination and unification of Kirghiz mathematical terminology] Ob uporiadochenii i unifikatsii kirgizskoi matematicheskoi terminologii. Frunze, Mektop, 1966. 49 p.
- MUSLIN, E. S. [New chemical inventions] Noveye khimicheskie izobreteniya. Moskva, Znanie, 1967. 31 p. (Novoe v zhizni, nauke, tekhnike. XI Seriya. Khimika, 8).
- NEKRASOV, S. A. [The elements of quantum mechanics; lectures for third-year students majoring in any field] Elementy kvantovoi mekhaniki, lektsii dlia studentov III kursa vsex spetsial'nostei. Moskva, 1967. 47 p.
- [THE OCTOBER REVOLUTION AND SCIENCES IN KAZAKHSTAN] Oktjabr' i nauka Kazakhstana. Alma-Ata, Nauka, 1967. 573 p.
- ORMONT, B. F. [Compounds of variable composition] Soedineniya premennogo sostava. Moskva, Znanie, 1967. 46 p. (Novoe v zhizni, nauke, tekhnike. XI Seriya. Khimika, 12).
- PETROV, IU. A. [Logical problems of abstractions of infinity and realizability] Logicheskie problemy abstraktsii beskonечnosti i osushchestvlenosti. Moskva, Nauka, 1967. 163 p.
- PETROV, T. G., F. B. TREIVUS, and A. P. KASATKIN [Growing crystals from melts] Vyrashchivanie kristallov iz rastvorov. Leningrad, Nedra, 1967. 174 p.
- POLOSUKHIN, A. P. [Selected works] Izbrannye trudy. Alma-Ata, Nauka, 1967. 243 p.
- PROKOF'EV, P. T., and others. [Atlas of spectra of conversion electrons emitted in the capture of thermal neutrons by nuclei with A between 143 and 197, and the scheme of radiative transitions] Atlas spublikov konversionnykh elektronov, ispusknykh pri zakhvate teplovykh neutronov yadrami a A 143 - 197, i skhemy radiatsionnykh perekhodov. Riga, Zinatne, 1967. 129 p.
- [PROTECTION OF FLORA AND FAUNA] Taimestiku ja loomastiku looduskaitses. Tallinn, Valgus, 1967. 99 p. [In Estonian].
- ROGOVIN, Z. A. [Chemical transformations and modification of cellulose] Khimicheskie prevrashcheniya i modifikatsiya tsellulozy. Moskva, Khimika, 1967. 174 p.
- ROKITSKII, P. F. [Biological statistics] Biologicheskaya statistika. Izd. 2., ispr. Minsk, Vysshaya shkola, 1967. 326 p.
- SAVESCU, AURELIA. [Plant protection, an album] Zashchita rastenii; albom. Bucharest, Meridiane. Vol. 2. [Pests of ornamental plants and vegetables] Vrediteli dekorativnykh i ovoshchnykh rastenii. 1966. 140 p.
- SEMINAR "TEORIYA AVTOMATOV." [Seminar "Theory of automata", reports] Seminar "Teoriya avtomatov", [doklady] Kiev. No. 1. 1967. 114 p.
- SHAKHNO, K. U. [Collection of problems in elementary mathematics of medium complexity] Sbornik zadach po elementarnoi matematike povysheinnoi trudnosti. Izd. 3., ispr. Moskva, Vysshaya shkola, 1967. 476 p.
- SHATILOVA, I. I. [Palynological characteristics of Kuyalnik, Guria, and Chauda sediments of Guria] Palinologicheskaya kharakteristika kuyal'nikskikh, gurtiiskikh i chaudiiskikh otlozhenii Gurii. Tbilisi, Metsnereba, 1967. 113 p.
- SHELEST, V. P. [Finding the renormalized axial constant with the aid of a relativistic invariant equation for the component particles] Nakhozhdenie renormalizatsionnoi aksial'noi konstanty s pomoshch'iu relativistskii-invariantnogo uravneniya dlia sostavnykh chastits. Kiev, 1967. 9 p.
- SOVESHCHANIJE PO PROBLEMAM PLANETOLOGII, 5th, 1965. [Abstracts of papers of the 5th Conference on Problems of Planetology, 1965] Tezisy dokladov. Leningrad, 1965. 205 p.
- SOVESHCHANIJE PO VOPROSAM KRUGOVOROTA VESHCHESTVA I ENERGIJI V OZERNYKH VODOEMAKH, 1964. [Abstracts of papers of the Conference on Problems of the Circulation of Matter and Energy in Lakes (problems of biotic, chemical, heat, and water balances of lakes)] Soveshchanie po voprosam krugovorota veshchestva i energii v ozerakh.

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6. A. I. Zhurav, The Structure and Origin of Comets
and Their Nuclei, Priroda i proiskhozhdenie
komet i ikh yadrov, Sovetskaya Akademiya Nauk, Moscow, Prusve-
denniy, 1977, 181 p.

V.V. GRYKOV, I.A.TYCHOV KYI, A.L. [Psychopathology
1. ...] Pyskhiatriya pri opykhakh
1. ... Dzhemodidov, USSR,
1. ... rakticheskoy laboratorii)

[illegible]

DE TENGGE, F. F. (Mental hardening) Psikhicheskaja
zashchita Tashkent, Meditsina, 1967 50 p (Nauchno-
Spetsialnaya literatura)

ELIZOROV, A. G. [Pathological physiology and pathologi-
cal anatomy.] Patologicheskaya fiziologiya i patologi-
cheskaya anatomiya. Moskva, Meditsina, 1966 447 p.

[EPI] P.P.S.Y. Bibliography of the basic Soviet literature, 1861-1917? Bibliografiia, bibliografiia osnovnoi otechestvennoi literatury (1861-1917) Moskva, 1966 110 p (Publ. House of Science "Aktual'nye problemy")

GABOVICH, R. D., and others. [Manual for practical work in public hygiene] *Rukovodstvo k prakticheskim zaniatiyam po kommunal'noi hygiene*. Pod redaktsiei red. R. D. Gabovicha. Kiev, Zdorov'ia, 1976. 315 p.

KARAYANOV, G., and I. V. DANILOV [Errors in the diagnosis and treatment of the stomach] Oshibki v diagnostike i lechenii travm zhidov. Kiev, Zdorovia, 1967. 197 p. (Biblioteka prakticheskogo vracha) (b141)

KHROMOV, B. M. (Surgical aid in outpatient and poly-
clinic installation) Khirurgicheskaia pomoshch' v
ambulatorii polikliniki eskuib uchezhdeniakh
Izd. 2, d. p. p. r. (Leningrad) Meditsina, 1967
3-1 p. (Biblioteka prakticheskogo vracha)
(DM: M)

KITAIKHOVSKAYA, O D [Hardening of children]
Zakalivanie mal'shei Moskva, Znaniye, 1967, 45 p
Petrovskiy universitet Fakul'tet zdorov'ia, 22)

KUPCINSKAS, JUOZAS, and others. [Internal diseases]
Vidaus ligos Vilnius, Mintis [In Lithuanian]
Pt 2 Vadovėlis paruoštas, vadovaujant J. Kupcin-
skui 1967 322 p
(DNLN)

[LITTLE MEDICAL ENCYCLOPEDIA] Malina meditsinskaya entsiklopediya. Otv. redaktor V. Kh. Vasilenko. Moskva, Sov. Entsiklopediya.
Vol. 7 [Poisonings - Polyuria] Otravleniya - Poliuriya. 1967. 1199 p.

[LYMPHATIC SYSTEM UNDER NORMAL CONDITIONS AND IN PATHOLOGY] Лимфатическая система в норме и патологии. Под ред. Б. В. Огнева, И. Е. Выренкова. Москва, 1967. 189 p. (DNLM)

MATLINA, E. SH., and V. V. MEN'SHIKOV [Clinical
biochemistry of catecholamines] Klinicheskaia bio-
khimiia katekholaminov Moskva, Meditsina, 1967
303 p
(DMLM)

MEKHITIEVA, Z KH [Peripheral nervous system and
diabetes mellitus] Perifericheskaya nervnaya sistema
i sakharnyi diabet Baku, Azerbaidzhanskoe gos
izd-vo, 1967 61 p.
(DNLM)

MINASIAN, G A [Posture in children Osanka u detei]
Erevan, Alastan] 1967. 221 p [In Armenian]

OSIPOV, I N [Causes of clinical errors in pediatrics]
Prichiny diagnosticheskikh oshibok v pediatrii. Moskva, Meditsina, 1967 147 p. (Biblioteka prakticheskogo vracha)
(DNLM)

OVNATANIAN, K T , and A M. TARNOPOL'SKII
[Tumors of the small intestine and its mesentery]
Opukholki tonkoi kishki i ee bryzhetki. Kiev,
Zdorov'ia, 1966. 174 p
(DNLm)

POGOSEV, V S , and I G. TRIANTAFILIDIS. [Benign and malignant tumors of the larynx] Dobri okachestvennyye i zlokachestvennyye opukholki gortani Moskva, 1987. 151 p {DNLM}

QUANTITATIVE DETERMINATION OF PHARMACEUTIC
CINAL
armatsevi-
lekai styen-
58 p.

SALGANIK, E. L. [Cysticercosis of the brain] TSistitserkoz golovnogo mozga Kishinev, Karlia Moldoveniaske, 1987 170 p (DNLM)

SLONIMSKAYA, I A M F Vladimurskii. Moskva,
Meditsina, 1967 50 p. (Vydalushchiesia detale
otchestvennoi meditsiny i zdravookhraneniia)

SOKOLOV, M. I. [Influenza and its prevention] Gi gipp 1
ego preduprezhdenie Moskva, Meditsina, 1967.
44 p. (Biblioteka srednego medrabotnika)
(DNLM)

SPESIVTSEVA, V. G., and I I SIVKOV. [Methodological handbook for practical work in physiotherapy for fourth-year students] Metodicheskie posobie k prakticheskim zaniatiyam po fizioterapii dlia studentov IV kursa. Pod red. Z. A. Bondar'. Moskva, 1967, 81 p.

[TOXOPLASMOSIS] Toksoplazmoz. Kiev, Zdorov'ia,
1966 276 p.
(DNLM)

UGRUMOV, B L. [Infectious hepatitis; Botkin's disease] Infektsionnyi gepatit, bolez' Botkina Moskva, Meditsina, 1966 22 p (Nauchno-populiarnaya meditsinskaya literatura)
(DNLN)

ZENEVICH, G. V. [Bad habit or a disease? On the harm of alcoholism] Vrednita privyechka ili bolezni? O vrede alkogolizma [Leningrad] Meditsina, 1964 44 p. (Nauchno-populjarnaja meditsinskaja literatura)

[AGRICULTURE OF THE U. S. S. R. | Sel'skoe khoz'iat'stvo SSSR. Moskva, Kolos, 1967. 337 p.

[ANTIBIOTICS IN FEEDING FARM ANIMALS.] Antibiotiki v kormlenii sel'skokhozyaistvennykh zhivalnykh. Moskva, 1967. 110 p. (Vsesoyuznyi institut nauki i tekhnologii informatsii po sel'skomu khozyaistvu. Obozr. literatury, no. 17 (70)) (DNL)

BATIAN, A. M., and L. A. KALININ [Assembly and use of electric equipment in agriculture] Montazh i ekspluatatsia elektrostankov v sel'skom khoz'yaistve Minsk, Urozhai, 1967. 204 p.

[BREEDING WORK IN MEAT AND WOOL SHEEP
RAISING; a review of foreign literature] Plomenn
nina rabota v miasno-shepnom obshchevozhivstve.
obzor inostrannoi literatury. Moskva, 1960 80 p.
(Vsesoiuznyi institut nauchno-tekhnicheskoi infor
matsii po sel'skomu khoziaistvu. Obzor litera
tury, no. 9(85))
{DNA}

[CHEMICAL DRYING OF SEEDS, a review of Soviet and foreign literature] Khimicheskani sushka zernan, obzor otechestvennoi i inostrannoi literatury. Moskva 1966 50 p. (Vsesoyuznyi institut khimicheskoi tekhnologii i informatsii po sel'skomu khozyaystvu. Obzor literatury, no. 1(47))

(DNAL)

[CROP ROTATION IN THE GERMAN DEMOCRATIC
REPUBLIC AND GERMAN FEDERAL REPUBLIC]
Sevoboroty v khozlistvakh GDR i FRG, Moskva,
1967 02 p. (Vsesoyuznyi institut nauchno-tekhnich-
eski informatsii po sel'skomu khozlistvu. Oboz-
literation, no. 8(100)
(DNL)

DEMCHENKO, N. A. [Agricultural implements of the Moldavians from the 18th through the early 20th century.] *Zemledel'cheskie orudiya moldavyn XVIII-nachala XX vv. Pod red. V. I. Dovzhenok*. Kishinev, Karlia Moldoveniasko, 1967. 162 p.

[DEVELOPMENT OF COTTON GROWING IN THE
U. S. S. R., reference manual] Razvitie khlopkovoy
stva v SSSR; spavochnoe posobie. Moskva, 1977.
75 p. (Vsesoyuznyi institut nauchno-tekhnicheskoi
informatsii po sel'skomu khoziaistvu. Obzor litera-
tury, no. 20 (83))
(DNAL)

DEVIATOV, A. S. [Planning fruit culture] Proektirovaniye plodovodstva. Minsk, Urozhai, 1967. 101 p.

EMEL'IANOV, V. A. [Radiometric field moisture meters and density meters] Polovnye radiometricheskie vlagomery i plotnomery. Moskva, Atomizdat, 1966 55 p.

[FACTORS OF THE EFFECTIVENESS OF FERTILIZING¹,
a review of Soviet and foreign literature for 1915-
1965] Faktory effektivnosti udobrenii; obzor otech-
estvennoi i zarubezhnoi literatury za 1915-1965 gg.
Moskva

Pl. [Biological factors of the effectiveness of fertilizers]. Biologicheskie faktory effektivnosti udobrenii. 1986, 187 p. (Vsesoluznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu, no. 6(32))

[FEEDING AND FERTILIZING FIELD CROPS IN
MOLDAVIA] Pitante i udobrenie sel'skokhoziaistven-
nykh rastenii v Moldavii. Kishinev, Kartia Moldove-
niaske, 1967. 267 n.

[GROWING PINE PLANTATIONS ON SANDY SOILS OF THE SOUTHEAST] Vyrashchivanie sosnovykh nasazhdenii na peschanykh zemlinakh Iugo-Vostoka. Moskva, 1966 60 p. (Vsesotuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 14(76)) (DNL.)

[INFLUENCE OF PREDECESSOR ON THE YIELD AND QUALITY OF FIBER FLAX, review of literature from 1892-1966] Vliyanie predstavnykh na urozhai i kachestvo volokna l'na-dolgutsa, obzor literatury za 1892-1966 gg. Moskva, 1967. 62 p. (Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu, Obzor literatury, no. 12(113)) (DNAL)

KALUTSKII, K. K., M. F. LAZAREV, and V. S. KHO-LIAYKO [Technology of forest exploitation and restoration in mountainous terrain] Tekhnologiya lesorazrabotki i lesovosstanovleniya v gor'nykh usloviyakh. Moskva, Lesnaya promyshl., 1967. 135 p.

[MANUAL ON THE RESERVES OF OPTIMAL MOISTURE UNDER THE MAIN CROPS IN NORTH KAZAKHISTAN, North Kazakhstan, Kustanay, Kokchetav, Tselinograd, and Pavlodar Provinces] Spravochnik po zapasam produktivnoi vlazhi pod osnovnyimi kul'turami v Severnom Kazakhstane, Severo-Kazakhstanskaya, Kustanayskaya, Kokchetavskaya, Tselinogradskaya i Pavlodarskaya oblasti. Pod red. E. S. Zaimba. Alma-Ata, 1966. 181 p.

MATSKEVICH, V. V. [Socialist reorganization of agriculture] Sotsialisticheskoe perestroistvo sel'skogo khoziaistva. Moskva, Znanie, 1967. 61 p. (Novoe v zhizni, nauka, tekhnika, V Seria Sel'skoe khoziaistvo, 12)

MEDVEDEV, V. M. [Our small integrated crew] Nasha malaya kompleksnaya brigada [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1967. 20 p. (Opyt novatorov - v massy!)

[METHODICAL ELABORATIONS FOR AGRICULTURAL TECHNICAL SCHOOLS] Metodicheskie razrabotki dlia sel'skokhoziaistvennykh tekhnikumov, sbornik statei. Pod red. I. U. G. Kozlovskogo. Minsk, 1967. 86 p.

[MODERN METHODS OF FATTENING BEEF CATTLE, a review] Sovremennyye metody otkorma miasnogo kupa i opatogo skota, obzor. Moskva, 1960. 135 p. Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 9(33) (DNAL)

[NATURE PROTECTION AND PRESERVE ORGANIZATION IN THE U.S.S.R. DURING 50 YEARS] Okhrana prirody i zapovednoye delo v SSSR za 50 let. Moskva, 1967. 82 p. (Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 14(85)) (DNAL)

NIKITIN, M. G., and P. M. BAZYLEV. [Aujeszky's disease] Bolezn' Aueskl. Moskva, Kolos, 1967. 261 p.

OSIN, A. E. [Technologists of agricultural production] Tekhnolog sel'skokhoziaistvennogo proizvodstva. Minsk, Uzor, 1967. 55 p. (Piatletka - v deystvii)

PLACHOVSKYI, V. O. [Specialization of farms in the outskirts of cities] Spetsializatsiya prymyslykh hospodarstv. Kharkiv, Prapor, 1967. 55 p.

[PLANT RESOURCES OF THE LOWER REACHES OF AMU DARYA] Rastitel'nye resursy nizov'ev Amudarya. Tashkent, Fan, 1967. 192 p.

[PRODUCTION AND USE OF SLOWLY AND CONTINUOUSLY ACTING FERTILIZERS] Proizvodstvo i primeneniye medlenno i prodolzhitel'no deystvuyushchikh udobreniy. Moskva, 1968. 87 p. (Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 11(73)) (DNAL)

[RICE CROPS IN EUROPEAN COUNTRIES, a review of foreign literature] Kul'tura risa v stranakh Evropy, obzor inostrannoi literatury. Moskva, 1967. 97 p. (Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 1(94)) (DNAL)

SHEKUN, G. M. [Organizational principles of a green forage production plan] Printsipy organizatsii zelenykh konvenerov. Kishinev, Kartia Moldovenaske, 1967. 44 p.

[TABLES FOR TAXATION OF POPLAR STANDS] Tablitsy dlia taksatsii topolyevykh kul'tur. Moskva, Lesnaya promyshl., 1967. 60 p.

[TOMATO GROWING IN BULGARIA, a review of literature for 1957-1965] Kul'tura tomato v Bolgarii, obzor literatury za 1957-1965 gg. Moskva, 1966. 70 p. (Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 10(34)) (DNAL)

VASIL'EV, P. V. [Forest land, essays on Soviet and foreign forests] Zemlia lesnaya; ocherki o sovetskikh i zarubezhnykh lesakh. Moskva, Nauka, 1967. 238 p. (Nauchno-populjarnaya seriya)

16. TECHNOLOGY

ABOVSKII, V. P. [Three dimensional large-span roofs for industrial buildings, experience of the construction of buildings with vaulted and hung roofs in Krasnoyarsk Territory] Prostranstvennye bol'sheproletnye pokrytiya promyshlennykh zdaniy, opyt stroitel'stva v Krasnoyarskom krae zdaniy so svodchatym i vantovym pokrytiyami. Moskva, Stroizdat, 1966. 46 p.

ABRIKOSOV, N. KH., and others. [Semiconductor compounds, their manufacture and properties; characteristics of the elements of groups II, IV, and V of the periodic table] Poluprovodnikovye soedineniya, ikh polucheniye i svoystva, khimiko-tekhnicheskiye elementy II, IV i V grupp periodicheskoi sistemy. Moskva, Nauka, 1967. 174 p.

ABSADYKOV, A. A. [From the yurt to the high-rise building] Ot yurt do vysoznykh zdaniy. Alma-Ata, "Kazakhstan," 1967. 54 p.

ALEKSEEV, L. G. [Let us protect buildings from wood loushars] Zashchititi zdaniya ot domovykh grilbov. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1966. 94 p.

ALIEV, KIL M. [With the conquerors of the Shivan steppe, from the experience of the communist labor brigade of the Shivan oil region] U pokoritel' Shivranskoi stepi, ob opyte raboty brigad kommunisticheskogo truda Shivranskogo neftegaznogo raiuna. Baku Azerbaidzhanskoe gos. izd-vo, 1967. 55 p. (Biblioteka brigady kommunisticheskogo truda)

ANISIMOV, N. I., and B. N. BLAGOV. [Designing cast parts, a handbook] Proektirovaniye litnykh detalей; spravochnik. Moskva, Mashinostroenie, 1967. 272 p. (Biblioteka konstruktora)

ANUR'EV, V. I. [Handbook for a designer in machinery manufacture] Spravochnik konstruktora mashinostroitel'stva. Izd. 3, perer. i dop. Moskva, Mashinostroenie, 1967. 688 p.

ARDASHEV, K. A., and others. [Improving rock pressure control during the mining of inclined and thick seams] Sovershenstvovanie upravleniya goyim davleniem pri razrabotke naklonnykh i krutnykh plastov. Moskva, Nedra, 1967. 287 p.

ATABEKOV, V. B. [Grounding units of electric power distribution networks and substations] Zazemlitshechnaya ustroystva elektricheskikh setei i podstantsii. Moskva, Stroizdat, 1967. 98 p.

[AUTOMATION OF HEATING BOILER SYSTEMS] Avtomatizatsiya otopitel'nykh kotelnits, sbornik statei. Leningrad, Gostoptekhnizdat. No. 2. 1963. 183 p.

AVRUTIN, S. V. [Efficient work of a milling machine operator] Ratsional'naya rabota frezerovshchika. Izd. 7, perer. i dop. Moskva, Mashinostroenie, 1967. 331 p.

BALISOV, P. D., and others. [Laboratory course on cotton and synthetic fiber spinning] Laboratornyy praktikum po priadeniyu khlopka i khimicheskikh volokon. Moskva, Legkaya industriya, 1967. 488 p.

BAZHENOV, V. I. [Materials for articles of clothing] Materialy dlia odevzhy. Moskva, Znanie, 1967. 64 p. (Novoe v zhizni, nauka, tekhnika, XX Seriya "Promyshlennost", 9)

BELETSKII, A. F. [Fundamentals of the theory of linear electrical networks] Osnovy teorii lineynykh elektricheskikh tsepei. Moskva, Svyaz', 1967. 607 p.

BELIAKOVA, S. V. [Color reproduction by given characteristics] Vospriizvodstvo tsveta po zadannym kharakteristikam. Moskva, 1967. 60 p.

BERNSHTEIN, M. KH. [Nonwoven textile materials in the production of artificial leather] Netkanye tekstil'nye materialy v proizvodstve iskusstvennoi khozhi. Moskva, 1966. 78 p.

BESSMERTNYI, K. S., and V. A. BRITAREV. [Hydraulic giant operator in an open-pit mine] Gidromontirovshchik na kar'ere. Moskva, Nedra, 1967. 191 p.

BIUSHGENS, G. S., and R. V. STUDNEV. [Dynamics of the space movements of an airplane] Dinamika prostranstvennogo dvizheniya samoleta. Moskva, Mashinostroenie, 1967. 225 p.

BURLAKOV, V. N., and A. M. BIRZUL. [Safety engineering in ore mines] Tekhnika bezopasnosti na rudnykh shakhtakh. Kiev, Tekhnika, 1967. 153 p.

[COLLECTION OF ARTICLES ON RUSSIAN INVENTIONS FOR THE CEMENT INDUSTRY, review] Sbornik otechestvennykh izobretenii po tsementnoi promyshlennosti, obzor. Moskva, 1966. 98 p.

CHUKMASOV, S. F., and others. [Packaging steel scrap] Paketirovaniye stal'nogo loma. Kiev, Tekhnika, 1967. 137 p.

[THE COSMIC BRIDGE] Kosmicheskii most. [Moskva, Izd-vo Agentstva pechat' Novosti, 1967] 7 p. illus.

DANILOVICH, G. A. [Linear sampled-data systems, summary of lectures of the course "Engineering cybernetics"] Lineinye impul'snye sistemy, konspekt lektsii po razdelu kursa "Tekhnicheskaya kibernetika." Moskva, 1966. 60 p.

DATUNASHVILI, E. N., and N. M. PAVLENKO. [Protein biobility of wines and its aspects for the use of proteolytic enzymes in epurations] Belkovyye pomutneniya vin i po aspekty primeneniya proteoliticheskikh fermentnykh preparatov. Moskva, 1967. 34 p.

DEMIDOV, V. I. [We are the last to leave a place... notes of a pyrotechnician] My ukhodim poslednimi...; zapiski pyrotekhnika. [Moskva] Molodaya gvardiya, 1967. 205 p.

DUBROVSKIS, V. [Locksmith's work in repairing agricultural machinery] Atsedznieka darbi lauksaimnieciba. Riga, Liesma, 1966. 138 p. [In Latvian]

[DYNAMICS OF MINE TURBOMACHINES AND THEIR NETWORKS] Voprosy dinamiki shakhtnykh turbomashin i ikh setei. Tbilisi, Metsnereba, 1967. 153 p.

EGOROV, K. V. [Fundamentals of the theory of automatic control] Osnovy teorii avtomaticheskogo regulirovaniya. Izd. 2., perer. i dop. Moskva, Energiya, 1967. 647 p.

EMEL'IANOV, A. V., V. S. PLEVAKO, and V. P. BAGROV. [Efficiency of dressing iron quartzites] Effektivnost' obogashcheniya zhelezistykh kvartsitov. Dnepropetrovsk, Promin', 1967. 49 p.

[ENGINEERING PSYCHOLOGY; from the cycle "Discussions of urgent scientific problems"] Inzhener'naya psikhologiya, iz tsikla "Besedy po aktual'nykh voprosam nauki." Moskva, Znanie, 1967. 31 p. (Novoe v zhizni, nauka, tekhnika, IV Seriya "Tekhnika", 11)

DREMENKO, T. I. [Dress trimming] Otdelka plat'ia. [n. p.] Legkaya industriya, 1960. 43 p.

EVSEEV, G. D., and A. V. TIKHOMIROV. [Powder-oxygen cutting of concrete and reinforced concrete] Poroshkovo-kislorodnaya rezka betona i zhelezobetona. Moskva, 1967. 25 p.

FASOVSKII, V. G., I. V. PETROVSKII, and A. E. ROVINSKII. [Cryogenics] Kriogennaya tekhnika. Pod red. V. G. Fasovskogo. Moskva, Energiya, 1967. 414 p.

FRID, E. A., and S. KH. AZARKH. [Piezoceramic filters] Piezokeramicheskie fil'try. Moskva, Energiya, 1967. 39 p. (Massovaya radiobiblioteka, no. 656)

GAIDUKOV, N. S. [Fireproof industrial buildings] Pozharnaya bezopasnost' promyshlennykh zdaniy. Kiev, Budvel'nyk, 1966. 224 p.

GELLER, I. A., G. I. POGODIN-ALEKSEEV, and A. G. RAKHSHTADT. [Physical metallurgy; methods of analysis, laboratory research and problems] Metallovedenie, metody analiza, laboratornye raboty i zadachi. Izd. 3, perer. Moskva, Metallurgiya, 1967. 493 p.

GINTSBURG, A. B. [New developments in the cutting and welding of metals] Novoe v rezke i svarko metallov. Alma-Ata, "Kazakhstan," 1966. 87 p. (Sbornik poredovogo opyta)

GOLOTA, G. F. [Establishing technical norms for ship hull and ship assembly operations] Tekhnicheskoe normirovaniye sudokorpusnykh i sudomontazhnykh rabot. Leningrad, Sudostroenie, 1967. 187 p.

- zheleznodorozhnogo, rechnogo, morskogo, avtomobil'nogo i vozdušnogo transporta. Moskva, Stroiizdat, 1967. 205 p.
- GOLUBOVSKII, G. M. [Ways of increasing the quality of production, from practices of a machine manufacturing plant] Puti povysheniia kachestva produktov, iz opyta raboty mashinostroitel'nogo zavoda. Moskva, Mashinostroenie, 1967. 78 p.
- GONCHAROV, A. N. [Hydraulic power equipment of hydroelectric power stations and its installation] Gidroeletricheskoe oborudovanie gidroeletrostantsii i ego montazh. Moskva, Energiia, 1967. 311 p.
- [GOODS OF POPULAR CONSUMPTION AND ARTICLES FOR INDUSTRIAL PURPOSES MADE OF WOOD] Tovary narodnogo potrebleniia i izdeliia proizvodstvennogo naznacheniia iz drevessiny. Moskva, Lesnaya promyshl., 1967. 124 p.
- IANOVSKII, V. K. [Second youth of an ancient material] Vtoraya molodost' drevnego materiala. Pod red. P. P. Budnikova. Moskva, Stroiizdat, 1967. 105 p.
- [INTERNATIONAL ELECTROTECHNICAL VOCABULARY] Mezhnunarodnyi elektrotekhnicheskii slovar'. Moskva, Sov. Entsiklopedia, 1967. 25 p. [Production, transmission, and distribution of electrical energy] Proizvodstvo, peredacha i raspredeleniye elektricheskoi energii. 1967. 161 p.
- IVANOV, B. M. [Mechanization of mine rescue operations] Mekhanizatsiya gosnaspasatel'nykh rabot. Moskva, Nedra, 1967. 32 p.
- IZRAIL'SKII, A. M. [Well drilling with light-alloy drill pipes in Azerbaijan] Burenie skvazhin legkospiavnyimi trubami v Azerbaidzhane. Baku, Azerbaidzhanskoe gos. izd-vo, 1967. 68 p.
- KADEISHVILI, V. G. [Electronic oscillography and its applications] Elektronnyi ostsillograf i ego primeneniye. Tbilisi, Metslereba, 1967. 57 p. [In Georgian].
- KADYMOV, R. G. [Struggle of the workers for the development of the petroleum production industry in Azerbaijan 1951-1958] Bor'ba rabochikh za razvitiye nefte dobyvatshego promyshlennosti Azerbaidzhana (1951-1958 gg.). Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1967. 88 p.
- KARAPETIAN, B. K. [Vibration of structures in Armenia] Kolebaniye sooruzhenii, vozvedennykh v Armenii. Erevan, Arastan, 1967. 169 p.
- KARATYGIN, A. M., and others. [Technology of printing machine manufacture] Tekhnologiya poligraficheskogo mashinostroeniia. Moskva, Kniga, 1967. 547 p.
- KARPOV, V. I. [Transistorized compensating voltage regulators] Poluprovodnikovye kompensatsionnye stabilizatory napriazheniia i toka. Izd. 2, perer. i dop. Moskva, Energiia, 1967. 175 p. (Biblioteka po avtomatike, no. 257).
- KERTSER, B. A., and V. I. PORTNOV. [Industrial construction in Kirghizistan] Promyshlennoe stroitel'stvo v respublike, Frunze, "Kyrgyzstan," 1967. 30 p. (Kirgiziia za planiruet).
- KHROMCHENKO, E. M., E. BRODSKII, and L. E. TROST. [Electricians engaged in cable network construction, practical manual for the improvement of qualification] Elektromonter po montazhu kabel'nykh setei, prakticheskoe posobie po povysheniiu masterstva. Moskva, Stroiizdat, 1967. 219 p. (Seriya posobi po povysheniiu masterstva rabochikh-stroitelei).
- KIVILA, A., and J. OSIS. [Calculating norms for uncompleted production on the basis of optimal dimensions of a parts batch; machinery manufacture and instrument making] Itasheet normativov nezavershenogo proizvodstva na baze optimal'nykh razmerov partii detalей; mashinostroenie i priborostroenie. Riga, 1966. 18 p. (Listok tekhnicheskoi informatsii).
- KOBRINSKII, A. E. [Numerical control of machine tools] Chisla upravlianiye stankami. 2., dop. izd. Moskva, Nauka, 1967. 262 p. (Nauchno-populiarnaya seriya).
- KONONOV, A. P., and others. [Laboratory manual on theoretical fundamentals of electrical engineering] Rukovodstvo k laboratorii po teoreticheskim osnovam elektrotekhniki. Tomsk, Izd-vo Tomskogo univ., 1967. 131 p.
- KOVAL', B. A., and P. K. GUBSKII. [Safety techniques in coal preparation plants] Tekhnika bezopasnosti na ugleobogatitel'nykh fabrikakh. Moskva, Nedra, 1967. 143 p.
- KOVALENKO, V. I., S. A. TIKHONOV, and I. A. IZMORNOV. [Nonmetallic mineral dressing] Obogashcheniye nemetallicheskikh poleznykh iskopnykh. Moskva, Nedra, 1967. 245 p.
- KREIMN, E. V., and M. K. REVVA. [Underground gasification of coal] Podzemnaya gazifikatsiya uglei [Kemerovo]. Kemerovskoe knizhnoe izd-vo, 1966. 83 p.
- KRIVANDIN, V. A., and B. L. MARKOV. [Metallurgical furnaces] Metallurgicheskie pechi. Pod obshchei red. V. A. Krivandina. [Moskva] Metallurgiya, 1967. 672 p.
- KRUT'KO, P. D. [Variational methods for the synthesis of systems with digital controllers] Variatsionnye metody sinteza sistem s tsifrovymi regulatorami. Moskva, Sov. radio, 1967. 438 p.
- KUNNOS, G. I. A. [Technology of vibrated concrete] Vibratsionnaya tekhnologiya betona. Leningrad, Stroiizdat, 1967. 167 p.
- KUZINET, L. M. [Faults in television receivers] Neispravnosti v televizorakh. Izd. 2, perer. i dop. Moskva, Energiia, 1967. 127 p. (Massovaya radiobiblioteka, no. 631).
- LEVITIN, E. A., and L. E. LEVITIN. [Radio broadcast receivers, a handbook] Radioveschatel'nye priemniki, spravochnik. Izd. 2., perer. i dop. Moskva, Energiia, 1967. 367 p.
- LEVITSKII, I. S., and others. [Laboratory manual on machinery repair] Praktikum po remontu mashin. Moskva, Kolos, 1967. 303 p. (Uchebniki i uchebnye posobia dlia vysshikh shkol'kh khoziaistvennykh uchebnykh zavedenii).
- LIASHENKO, E. I., and A. P. KIRICHENKO. [Transmissions in the mining industry] Privody v gornorudnoi promyshlennosti. Moskva, Nedra, 1967. 99 p.
- LOBACHEV, P. V. [Drainage systems in buildings] Vnutrennie vodostoki zdaniy. Moskva, Stroiizdat, 1967. 95 p.
- LOMINADZE, S. P. [Theoretical bases of heat engineering. Theoretical bases of heat engineering] Teoreticheskie osnovy teplotekhniki. Tbilisi, Ganatleba, 1966. 386 p. [In Georgian].
- [LUBRICANTS] Smazki. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1967. 511 p. (SSSR. Gosudarstvennye standarty).
- MAKINOVICH, A. T. [Safety manual for workers exposed to vibration when operating equipment] Pamiatka po tekhnike bezopasnosti dlia rabochikh, podvergnutshiesya vibratsii pri obsluzhivaniy oborudovaniia. Izd. 3. Moskva, Stroiizdat, 1967. 23 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov).
- MAKUSHIN, D. V., and A. Z. LIBMAN. [Refrigerating installations in passenger cars; design use, and repair] Kholodil'nye ustanovki passazhirskikh vagonov, ustroystvo, okapluskatsiia i remont. Moskva, Transport, 1967. 143 p.
- MANGUSHEV, K. I. [Processing drilling muds by hydrocyclones] Gidrotsiklonnaya obrabotka promyshlennykh zhidkostei v bureni. Ufa, Bashkirskoe knizhnoe izd-vo, 1965. 96 p.
- MANOVTSYEV, A. P. [Introduction to digital radiotelemetry] Vvedenie v tsifrovuyu radiotelemetriyu. Moskva, Energiia, 1967. 342 p.
- [MANUAL AND BOOK OF PROBLEMS ON RADIO ENGINEERING AND RADAR FUNDAMENTALS] Spravochnik-zadachnik po osnovam elektrodielektriki i radiolokatsii. Pod obshchei red. G. V. Zimina. Moskva, Voenizdat, 1967. 527 p.
- MATVEEV, G. A., and V. I. KHOMICH. [Coils with ferrite cores] Katushki s ferritovymi serdtsnikami. Izd. 2, dop. Moskva, Energiia, 1967. 64 p. (Massovaya radiobiblioteka, no. 650).
- OSIMOV, V. I. [Vibration of buildings and structures] Vozbuzhdeniye i kolebaniya zdaniy i sooruzhenii. Moskva, Energiia, 1967. 87 p. (Massovaya radiobiblioteka, no. 656).
- [MECHANICS OF MACHINERY, engineering mechanics of polymers] Mekhanika mashin, inzhenernaya mekhanika polimerov. Tbilisi, Metslereba, 1967. 137 p.
- MERPERT, L. O. [Technology and assembly of residential buildings of the IMG-300DA series, experience of the Housing Construction Combine No. 1 of the Glynostskoi] Tekhnologiya izgotovleniia i montazha zhilykh domov serii IMG-300DA; opyt raboty domostroitel'nogo kombinata No. 1 Glynostskoi. Moskva, 1967. 54 p.
- [METHODOLOGY OF STUDYING DEFORMATIONS AND KINETICS OF STRENGTH DEVELOPMENT OF VARIOUS CONCRETE DURING THERMAL PROCESSING, transactions of the coordinating conference] Metodika issledovaniia deformatsii i kinetiki nastaniia prochnosti razlichnykh betonov v putsevoe teplovoi obrabotki; trudy koordinatsionnogo sveshchaniia. Pod red. S. A. Mironova i I. A. Malinina. Moskva, Stroiizdat, 1967. 171 p.
- MIKAELIAN, A. L., M. L. TER-MIKAELIAN, and I. G. TURKOV. [Solid state lasers] Opticheskie generatory na tverdom tele. Moskva, Sov. radio, 1967. 333 p.
- MIKHATOVA, G. N. [Coloring matter in products of the sugar industry] Krasushchie veshchestva v produktakh sakharного proizvodstva. Moskva, 1967. 21 p.
- MININ, A. B. [AM-IP unit for radio engineering control of the quality of structural elements in construction of the region; from the experience of the "Leningradgostroi"] Ustanovka AM-IP dlia radiotekhnicheskogo kontrolya kachestva stroitel'nykh izdelii v pulavtomaticheskoi rezhime, iz opyta kasta "Leningradgostroi" i Avtomatskogo domostroitel'nogo kombinata. Moskva, Stroiizdat, 1966. 36 p.
- MALETS, A. L. [Establishing a standard load in stephens; lecture delivered at advanced annual economic courses for the managerial staff in the coal industry] Ustanovlenie noi matvnoi nagruзки na oshlatoe rabote; tekstliia prochitana na vysshikh godichnykh ekonomicheskikh kursakh i ukovodneshchikh rabotnikov ugoi'noi promyshlennosti. Shakhly, 1966. 41 p.
- MOROZOV, L. I. [Soviet chemical industry] Sovetskaya khimicheskaya industriia. Moskva, Znanie, 1967. 47 p. (Novye v zhidni, nauke, tekhnika. XI Seriya. Khimiia, 10).
- MURASHOV, I. I. [Gears and their accuracy] Zubchatye mekhanizmy i ikh tochnost'. Moskva, Mashinostroenie, 1967. 109 p.
- NEUSTRUEV, A. A., and G. L. KHODOROVSKII. [Vacuum fused-material-lined furnaces] Vukuumnye gasil'sazhnyye pechi. Moskva, Metallurgiya, 1967. 271 p.
- NIKITIN, E. M. [Theoretical mechanics for technical schools] Teoreticheskaya mekhanika dlia tekhnicheskikh shkol. Izd. 6, stereotipnoe. Moskva, Nauka, 1967. 518 p.
- NIKITIN, V. S. [Problems of normalizing the atmosphere in deep open-pit mines, a report made at a scientific seminar] Problema normalizatsii sostava atmosfery v glubokikh kar'erakh, doklad na nauchnom seminar, aprel' 1967 g. Moskva, 1967. 17 p.
- NIKOLAIENKO, N. A. [Probability method of the dynamic calculation in machine manufacture design] Veroyatnostnye metody dinamicheskogo rascheta mashinostroitel'nykh konstrukttsii. Moskva, Mashinostroenie, 1967. 367 p.
- PAVLOV, S. A., and others. [Chemistry and physics of macromolecular compounds in the production of artificial leather, leather, and fur] Khimiia i fizika vysokomolekulyarnykh soedinenii v proizvodstve iskusstvennoi kozhi, kozhi i moshia. Pod obshchei red. S. A. Pavlova. Moskva, Legkaya industriia, 1965. 484 p.
- POVERENNYI, E. L. [Retinoid-concrete struts and supports for overhead lines and wire broadcasting networks] Zhelezobetonnnye pristavki i opory vozdukhnykh liniy svyazi i radiolokatsii. [Moskva] Svyaz', 1967. 84 p. (Biblioteka sel'skogo vyznatiia).

- PRILUK, N. V. [Transistor pocket radio] Karmannyi radiopriemnik na tranzistorakh. Izd. 2. Moskva, Energiya, 1967. 30 p. (Massovaya radiobiblioteka, no. 652)
- [PRINCIPLES OF MACHINERY MANUFACTURE, atlas of design] Osnovy konstruirovaniya mashin, atlas konstruktiv. Pod red. D. N. Roshetova. Moskva, Mashinostroenie, 1967. 251 p.
- [PROBLEMS OF GASSING AND DEGASSING OF DRILLING FLUIDS] Voprosy gazirovaniya i degazatsii promyshlennoi zhidkosti; materialy Mezhdrespublikanskogo seminar po delegatsii promyshlennykh rastvorov v g. Khark'ove. Moskva, Nedra, 1967. 116 p.
- [PRODUCTION AND USE OF CARBON REDUCING AGENTS AND A BRIQUETTED CHARGE, from materials of the All-Union Conference on the Production and Use of Special Carbon-Reducing Agents in Ore Reducing Electric Furnaces held in Zaporozh'ye] Proizvodstvo i ispol'zovanie uglerodistykh vosstanovitelei i briкетовannoi shakhly; po materialam Vsesoyuznogo soveshchaniya po proizvodstvu i ispol'zovaniyu spetsial'nykh uglerodistykh vosstanovitelei v rudovosstanovitel'nykh elekticheskikh, g. Zaporozh'e. Moskva, 1967. 85 p.
- [PRODUCTION OF HEAVY CONCRETE PANELS IN CURING CHAMBERS USING THE HOT FORMING METHOD, work practice of the Fergana Housing Construction Combine and the TsNIIEP of residential buildings] Proizvodstvo panelей iz tiazhelego betona v kasselakh metodom gor'yachego formovaniya, opyt Ferganskogo kombinata stroitel'nogo kombinata i TsNIIEP zhilishcha. Moskva, Stroiizdat, 1967. 23 p.
- PRONIN, D. A. [Gearings] Zubchatye peredachi. Moskva, Mosk. avtomekhanicheskiy in-t., Kafedra detalей mashin i pod'moyno-transp. mashin, 1965. 140 p.
- [QUALITY OF PRODUCTION OF CEMENT PLANTS IN THE U. S. S. R. DURING 1963, review] Kachestvo produktov tsementnykh zavodov SSSR za 1963 g., obzor. Moskva, 1965. 143 p. (Tekhnicheskaya informatsiya)
- RABINOVICH, A. SH., and V. IA. SAL'NIKOV [Basic requirements on hard-facing materials and methods of hard-facing of self-sharpening working parts of agricultural machines] Osnovnye trebovaniya k naplavochnym materialam i metodam naplavki samozatachivayushchikhsya rabochikh organov sel'skokhoziaistvennykh mashin. Moskva, Biuro tekhnicheskoi informatsii GOSNITI, 1966. 16 p.
- [RECONDITIONING TRACTOR AND MOTOR VEHICLE PARTS] Vosstanovleniye detalей traktorov i avtomobilov. Kishinev, 1966. 57 p.
- REKA, I. A., and others. [Equipment for the wetting of coal seams] Ooborudovaniye dlia vyzhizhivaniya ugol'nykh plastov. Kiev, Tekhnika, 1967. 84 p.
- REKIVASHVILI, I. U. G., and A. A. BACHINSKII [Radio receivers, radio-phonograph combinations, magnetic tape recorders, phonographs] Radiopriemniki, radioly, magnetofony, radiogramfony. Moskva, Svyaz', 1967. 328 p.
- RIASNIANSKII, A. P., and O. A. FRIDMAN. [Plastics instead of metal] Plastmassy vmesto metalla. Donetsk, Donbass, 1967. 83 p.
- ROMANENKO, I. A. [Technical and economic bases for designing highway networks] Tekhniko-ekonomicheskiye osnovy proektirovaniya setei avtomobil'nykh dorog. Moskva, Vysshaya shkola, 1967. 293 p.
- ROMANOVICH, I. S. [Experience in developing the Shebelinka gas field] Opyt razburivaniya Shebelinskogo gazovogo mestorozhdeniya. Moskva, Nedra, 1967. 125 p.
- ROOSMA, MAKS. [Hiti glassworks in Hiiumaa; some features of glass manufacture in Estonia in the 17th century] Hiiti klaaskoda Hiiumaal, jooni klaasimanufaktuuri tegevust Eestis XVII sajandil. Tallinn, Kunst, 1966. 117 p. [In Estonian]
- RUSSIA (U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Price list on the installation of equipment] Tsenniki na montazh oborudovaniya. Moskva, Stroiizdat, No. 10. [Telecommunication equipment] Oborudovaniye aviatsii. 1967. 361 p.
- SAFONOV, L. V., and G. V. KUZNETSOV. [Seismic effect of exploding borehole charges] Seismicheskiy effekt vzi'yva skvazhinnykh zaryadov. Moskva, Nauka, 1967. 100 p.
- SAGRADIAN, A. L. [Technology of dressing complex metal ores of Armenia] Tekhnologiya obogashcheniya polimetallicheskiy rud Armenii. Erevan, Ainstan, 1966. 111 p.
- SATIN, D. N. [Mason] Kamenshchik. Moskva, Stroiizdat, 1967. 76 p. (Moya professiya)
- SAZHIN, N. P. [Rare elements and technical progress] Redkie elementy i tekhnicheskii progress. Moskva, Znanie, 1967. 45 p. (Novos v zhizni, nauke, tekhnike. IV Seriya. Tekhnika, 12)
- SEMINAR "TEORIYA AVTOMATICHESKOGO UPRAVLENIYA" [Seminar "Theory of automatic control", reports] Seminar "Teoriya avtomaticheskogo upravleniya", [doklady]. Kiev, Naukova dumka, No. 1. 1966. 140 p.
- SEMINAR "UPRAVLIAIUSHCHIE MASHINY I SISTEMY." [Seminar "Control machines and systems", reports] Seminar "Upravlyayushchie mashiny i sistemy", [doklady]. Kiev, Nos 1-2. 1966. 2 v.
- SERGEYEV, M. A. [Manual of an assembling fitter] Spravochnik stenaia-shorshchika. Pod red. V. A. Blumberga. [Leningrad] Leningrad, 1967. 447 p.
- SHENDEROVICH, A. M. [Amplification and transformation of a high-frequency television signal in a television receiver] Uslutnie i preobrazovanie vysokochastotnogo signala v televizionnom priemnike. Moskva, Svyaz', 1967. 63 p. (Biblioteka "Televizionnyi priem," no. 36)
- SHUGAEV, V. V., and G. S. ABEID. [Irrigation shell flumes] L'otki-dobrochki vodovodov. Moskva, Stroiizdat, 1967. 119 p.
- SHVYREV, F. A. [Preparation and operation of wood-cutting machines] Podgotovka i eksploatatsiya derevozrezhushchego instrumenta. Moskva, Lesnaya promyshl., 1966. 339 p.
- SLONIMER, B. M. [Assembly and use of glass pipelines] Montazh i eksploatatsiya steklannykh truboprovodov. 2. izd., dop. Moskva, Stroiizdat, 1967. 182 p.
- SMORODINOV, M. I., and others. [Pile driving equipment] Svochnoie oborudovaniye. Pod obshchey red. M. I. Smorodina. Moskva, Mashinostroenie, 1967. 189 p.
- SOBOLEVSKII, A. G. [Do you want to become a radio amateur? Khottite stat' radiolubitelem?] Moskva, Svyaz', 1967. 202 p.
- SOKOLOV, N. L. [Extrusion of steel parts] Gor'yachaya shlampovka vytlavlivaniem stal'nykh detalей. Moskva, Mashinostroenie, 1967. 189 p.
- [STRUCTURAL MECHANICS] Stroitel'naya mekhanika. Moskva, Stroiizdat, 1966. 352 p.
- SYTSKO, P. A., and L. F. TROITSKII. [For a well-built track, experience of the Orsha section of the White Russian railroad] Za zdorovyi put', opyt Orshanskogo otdeleniya Belorusskoi dorogi. Moskva, Transzheldorizdat, 1959. 45 p.
- [TE3 DIESEL LOCOMOTIVE, operation and maintenance manual] Teplovoz TE3, rukovodstvo po eksploatatsii i obsluzhivaniyu. Izd. 2., perer. Moskva, Transport, 1967. 139 p.
- TARASOV-AGALAKOV, N. A., and V. F. KHODAKOV. [Supplying water for fire fighting] Protivopozharnoe vodosnabzheniye. Moskva, Stroiizdat, 1967. 306 p.
- [TEN YEARS OF COSMIC EXPLORATION, 1957-1967] Dostat' let kosmicheskikh issledovaniy, 1957-1967 [n p. Agentstvo pechati "Novosti," 1967] 23 p.
- TERENT'EV, V. A., and G. N. DOMOZHIROV. [Experience in organizing the construction of metallurgical enterprises in the Ukraine] Opyt organizatsii stroitel'stva metallurgicheskikh predpriyatiy na Ukraine. Moskva, Stroiizdat, 1967. 81 p.
- TERESHCHENKO, M. O., and others. [Ferrous metallurgy in the Ukrainian S. S. R. at a new stage, 1966-1970] Chorna metallurgiya URSR na novomu etapi (1966-1970 rr.). [Kyiv, Tekhnika, 1967] 117 p.
- TERESHCHUK, R. M., and L. B. FUKS. [Small-sized radio equipment; radio amateur's handbook] Malogabaritnaya radioapparatura, spravochnik radiolubitelia. Kiev, Naukova dumka, 1967. 448 p.
- TRUBACHEV, T. E. [Specialization and cooperation in enterprises of railway transport] Spetsializatsiya i kooperirovaniye predpriyatiy zheleznodorozhnogo transporta. Moskva, Transport, 1966. 128 p.
- TUZOY, G. I. [Separation and treatment of information in Doppler systems] Vydeleniye i obrabotka informatsii v dopplerovskikh sistemakh. Moskva, Sov. radio, 1967. 255 p.
- VAINSHTEIN, E. V., and others. [Network planning in the building of an automatic blooming mill in the Chelyabinsk Metallurgical Plant, experience of the "Cheliabmetallurgstroi" Trust] Selevoi planirovaniye na stroitel'stve bluminga-avtomata Cheliabinskogo metallurgicheskogo zavoda, opyt tresta "Cheliabmetallurgstroi." Moskva, Stroiizdat, 1967. 17 p.
- VAKSER, D. B. [Internal grinding] Vnutrennee shlifovanie. Izd. 2., dop. i perer. Pod red. G. F. Kudanova. Leningrad, Mashinostroenie, 1967. 99 p. (Biblioteka shlifovshchika, no. 3)
- VELLER, V. N. [Automatic control of steam turbines] Avtomaticheskoe regulirovaniye parovoykh turbin. Moskva, Energiya, 1967. 415 p.
- VILENSKII, H. M. [Methods of determining the economic effectiveness of the utilization of secondary power resources] Metodika opredeleniya ekonomicheskoi effektivnosti ispol'zovaniya vtorichnykh energeticheskikh resursov. Sverdlovsk, 1967. 39 p.
- VOLGOV, V. A. [Components and assemblies of radio-electronic apparatus, design and calculation] Detali i uzly radioelektronnoi apparatury, konstruirovaniye i raschet. Moskva, Energiya, 1967. 542 p.
- [WAYS OF IMPROVING THE QUALITY OF METALS] Puti povysheniya kachestva metalla. Donetsk, "Donbass," 1966. 68 p.
- ZABELLO, M. L., and A. M. BARANOV. [Switching locomotives of electrified railroads] Manevrovyye lokomotivy elektrifitsirovannykh zheleznnykh dorog. Moskva, Transport, 1967. 149 p.
- ZADLONSKII, K. I. [Rigidity of gearings] Zhestkost' zubchatykh peredach. [Kiev, Tekhnika, 1967] 268 p.
- ZAKHARENKO, S. E., I. U. S. ZAKHARENKO, and M. A. PISHCHIKOV. [Handbook on the construction of heating networks] Spravochnik stroitel'tva teplovykh setei. Pod obshchey red. S. E. Zakharenko. Moskva, Energiya, 1967. 369 p.
- ZAKIN, I. A. KH. [Applied theory to the movement of trailers] Prikladnaya teoriya dvizheniya avtopoezda. Moskva, Transport, 1967. 254 p.
- ZAILENSKII, V. S., and A. I. IVANOV. [Building machinery and equipment] Stroitel'nyye mashiny i oborudovaniye. Izd. 2., dop. i perer. Moskva, Stroiizdat, 1967. 279 p.
- ZILIST, P. S., and D. L. KAZACHKOV. [Over mechanization of planning and design operations in shipbuilding] Kompleksnaya mekhanizatsiya proektno-konstruktorskiykh rabot v sudostroeni. Izd. 2., dop. Leningrad, Sudostroenie, 1967. 342 p.
- ZURNADZHI, V. A., and V. V. NIKOLAEV. [Soil mechanics, foundation beds, and foundations] Mekhanika gruntov, osnovaniya i fundamente. Moskva, Vysshaya shkola, 1967. 415 p.
- ZVERKOVA, M. N. [Controlling equipment noise in residential buildings] Ustraneniye shumov ot oborudovaniya v zhilykh domakh. Leningrad, Stroiizdat, 1967. 91 p.

PART B--PERIODICALS

1. GENERAL

■ SCHOLARLY JOURNALS

- AKADEMIYA NAUK KAZAKHISKOI SSR, Alma-Ata.**
Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S S R Journal] Alma-Ata, vol 23, no 7(267), July 1967.
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 Table of contents translated:
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 S'EDZOV, LETIN OF CONFERENCE
 Otdel mezhnatsionalnykh svyazey i informatsii Vsesoyuznogo instituta nauchnoi i tekhnicheskoi informatsii Akademii nauk SSSR [Department of International Relations and Information of the All-Union Institute of Scientific and Technical Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 9(82), 1967.
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- IRKUTSK UNIVERSITET. Trudy [UNIVERSITY Transactions]. Vol. 20, 1957. Seriya filosofskaya [Series in Philosophy], no. 1.
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- Vol. 20, 1959. Seriya filosofskaya [Series in Philosophy], no. 3.
Contents. Petrov, L. A. [Sociopolitical ideas of Prokopovich, Tatishchev, and Kantemir] Obshchestvenno-politicheskie vzglady Prokopovicha, Tatishcheva i Kantemira. 57 p.
- KALININ. PEDAGOGICHESKII INSTITUT. Uchenye zapiski [PEDAGOGICAL INSTITUTE Studies] Vol. 50, 1967 Some problems of atheistic education in schools
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b. POPULAR MAGAZINES

AMERIKA, Ilustrirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency. Washington, D. C., nos. 113, 120, 1966; no. 127, 1967.

ANGLIJA [ENGLAND]. London, no. 1, 1968.

DARVINOK [PETRIWINKLE]. Issued by Tsentral'nyi komitet Lenins'kogo kommunisticheskogo sojuza molodi Ukrainy and Respublikans'ka rada Vsesoluznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, no. 12, Dec. 1967, no. 1, Jan. 1968.

EKRAN [SCREEN], Ukrainian Magazine for Youth and Adults, Chicago, vol. 8, nos. 35/36, Sep.-Dec. 1967.

KHOPUSHTAK [HEDGEHOG]. Dushanbe, no. 22(342), Nov. 1967. [In Tajik]

KOREIA [KOREA]. Pyongyang, no. 12 (437), 1967.

MY I SVIT. WE AND THE WORLD. Toronto, vol. 18, no. 141, Nov.-Dec. 1967.

NIVA [FIELDS OF GRAIN]. Moscow, no. 12, 1967.

NOVAIA KOREIA [NEW KOREA]. Published by Izdatel'stvo literatury na inostrannykhazyakh [Foreign-Language Publishing House]. Pyongyang, no. 10 (235), 1967.

PIONER [PIONEER]. Issued by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo sojuza molodezhi i Tsentral'nyi sovet Vsesoluznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 44, no. 12, Dec. 1967.

SKYNTIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, vol. 37, no. 11, Nov. 1967. [In Moldavian]

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radlans'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol. 27 (517), Dec. 1967.

URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe otdelenie Sojuza pisatel'ov i Sverdlovskite promyshlennyyi i sel'skii obkomy VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Industrial and Agricultural Committees of the All-Union Communist Youth League of Lenin]. Sverdlovsk, vol. 10, no. 10, Oct. 1967.

VOZHATYI [PIONEER GUIDE]. Published by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo sojuza molodezhi i Tsentral'nyi sovet Vsesoluznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 45, no. 1, Jan. 1968.

VOZHYK [HEDGEHOG]. Minsk, vol. 27, nos. 22-24 (666-670), Nov.-Dec. 1967.

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

DIBLOS, ZHURNAL UKRAINS KOI BIBLIOGRAFI [JOURNAL OF UKRAINIAN BIBLIOGRAPHY]. New York, vol. 11, no. 1(120), Jan.-Mar. 1968.

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHE-SKIIH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaya biblioteka SSSR [State Library of the U. S. S. R.]. Moscow, vol. 11, nos. 22, 24, Nov.-Dec. 1967.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoluznaya knizhnaia palata [All-Union Book Chamber]. Moscow, no. 52, 1967, no. 1, 1968.

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoluznaya knizhnaia palata [All-Union Book Chamber]. Moscow, no. 11, 1967.

LETOPIS' RETSENZII [CHRONICLE OF REVIEWS]. Published by Vsesoluznaya knizhnaia palata [All-Union Book Chamber]. Moscow, no. 3, 1967.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoluznaya knizhnaia palata [All-Union Book Chamber]. Moscow, Vsesoluznoi'nyi ukazatel' k nos. 27-39 za 1967, g. [Index to nos. 27-39 for 1967]

NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDVATEL'SKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 21, no. 10, 1967.

NOVAIA LITERATURA PO BOLGARI [NEW LITERATURE ON BULGARIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R. and others]. Moscow, no. 10, 1967.

NOVAIA LITERATURA PO CHEKOSLOVAKII [NEW LITERATURE ON CZECHOSLOVAKIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R. and others]. Moscow, no. 9, 1967.

NOVAIA LITERATURA PO YUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R. and others]. Moscow, nos. 7/8-10, 1967.

NOVAIA LITERATURA PO POL'SHE [NEW LITERATURE ON POLAND]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 8-9/10, 1967.

NOVAIA LITERATURA PO RUMYNII [NEW LITERATURE ON RUMANIA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 9, 1967.

NOVAIA LITERATURA PO VENGRII [NEW LITERATURE ON HUNGARY]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 8-10, 1967.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM AZII I AFRIKI [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF ASIA AND AFRICA]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, 1967.

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDVATEL'SKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U. S. S. R.]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, 1967.

NOVYE KNIGI SSSR [NEW BOOKS OF THE U. S. S. R.]. Issued by Vsesoluznoe obshchestvennoe "Mezhdunarodnaya kniga" [All-Union Association "International Book"]. Moscow, nos. 49-51, Dec. 1967, nos. 2, 4, Jan. 1968.

V MIRE KNIG [IN THE WORLD OF BOOKS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po pechatii [State Committee of the Council of Ministers of the U. S. S. R. for Printing]. Moscow, vol. 7, no. 9, 1967.

Table of contents translated:
Sidorov, A. - A contemporary of the October Revolution. p. 2
Kashirin, S. - Creators of a new world. p. 5.
Riabchikov, Evg. - Following the steps of a giant p. 6.
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b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKI SSSR [LIBRARIES OF THE U. S. S. R.]. Issued by Gosudarstvennaya biblioteka SSSR imeni V. I. Lenina [Lenin State Library of the U. S. S. R.]. Moscow, no. 35, 1967.

Table of contents translated:
Kondratylova, K. K. - Development of library work in Kirghizistan in the years of Soviet rule. p. 3.
Kasymova, A. G. - Development of library work in Uzbekistan in 1917-1941. p. 21
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Kreidenko, V. S. - Some problems of the use of experiments in library work. p. 90
Aleksaeva, K. P. - Organization of theoretical and methodological work in the Main Library of Social Sciences of the Academy of Sciences U. S. S. R. p. 108.
Khazanova, P. I. A. - Zykyova, L. I. - From experience in the regional studies of the Sverdlovsk Province Library named after V. G. Belinskii. p. 120.

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Voronezh is honoring winners. p. 3.
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Leading bookstores of the five-year plan. p. 6.
Reprints, A. - Militant program of the workers of cooperatives. p. 7.

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Chueva, S. - The problem of the differentiation of commercial discounts. p. 19.

Fat'janov, V. - The amount of books published depends on the reader. p. 21.

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3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

NOVAIA INOSTRANNAIA LITERATURA PO FILOSOFII
[NEW FOREIGN LITERATURE ON PHILOSOPHY]
Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] Moscow, no 10, 1967

NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII
[NEW SOVIET LITERATURE ON PHILOSOPHY]
Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] Moscow, no 10, 1967.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego speciat'nogo obrazovaniia. Nauchnye doklady vysshe shkol, filosofskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools, Philosophical Sciences] Moscow, vol 10, no 5, 1967

Table of contents translated

Historical path of struggle and achievements. p. 3.
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Semenov, V. S. - Triumph of the ideas of the October Revolution and the bankruptcy of the bourgeois conceptions of a "synthesis" of capitalism and socialism. p. 88.

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Sheglov, A. V. - Philosophical discussions of the 1920's and early 1930's in the U. S. S. R. p. 110.

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- LIUDYNA I SVIT [MAN AND THE WORLD] Issued by Tovarystvo "Znannya" Ukrainian SSR ["Knowledge" Society of the Ukrainian S S R] Kiev, vol. 8, no. 12 (87), Dec. 1967
- NAUKA I RELIGIJA [SCIENCE AND RELIGION] Issued by Vsesoyuznoye obshchestvo "Znanie" ["Knowledge" All-Union Society] Moscow, vol. 8, no. 12, 1967
- RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER Organ of Mitropolitnyi okrug Russkoi Pravoslavnoi Tserkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol. 63, no. 12, Dec. 1967
- SVITLO THE LIGHT Issued by OO Vasyliany [The Basilian Fathers] Toronto, vol. 31, no. 1, Jan 1968
- UKRAINS'KE PRAVOSLAVNE SLOVO UKRAINIAN ORTHODOX WORD Organ of the Ukrainian Orthodox Church of the United States of America. South Bound Brook, N. J., vol. 19, no. 2, Feb 1968
- VECHNOE [THE ETERNAL] Paris, no. 12 (240), Dec 1967

4. HISTORY

a. GENERAL

- AKADEMIIA NAUK SSSR Institut istorii Leningradskoe otделение Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of History Leningrad Branch Transactions]. Moscow, no. 8, 1967 The peasantry and class struggle in feudal Russia, a collection of articles in memory of Ivan Ivanovich Smirnov.
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- EPIGRAFIKA VOSTOKA [EPIGRAPHY OF THE ORIENT] Issued by Institut ikheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U. S. S. R.] Moscow, no. 18, 1967
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- NAUKOVI PRATSI Z ISTORII KPRS [STUDIES ON THE HISTORY OF THE CPSU]. Kiev, no. 8, 1966. Efforts of Ukrainian party organizations to develop new forms of socialist competition during the seven-year plan.
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- PREPODAVANIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS] Issued by Ministerstvo prosveshcheniya RSFSR [Ministry of Education of the R. S. F. S. R.] Moscow, no. 6, Nov.-Dec. 1967.
- SOVETSKOE SLAVIANOVEDENIE [SOVIET SLAVIC STUDIES] Issued by Institut slavianovedeniya Akademii nauk SSSR [Institute of Slavic Studies of the Academy of Sciences of the U. S. S. R.] Moscow, no. 4, July-Aug. 1967.
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- UKRAINS'KYI ISTORYCHNYI ZHURNAL [UKRAINIAN HISTORICAL JOURNAL]. Issued by Instytut istorii Akademii nauk URSR [Institute of History of the Academy of Sciences of the Ukrainian S. S. R.] and others, Kiev, vol. II, no. 7(76), July 1967.
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- BUKHGALTERSKII UCHET [ACCOUNTING]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U. S. S. R.] Moscow, vol. 26, no. 8, Aug. 1967.
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- SOVETSKAIA TORGOVLIA [SOVIET COMMERCE]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po torgovle [State Committee of the Council of Ministers of the U. S. S. R. for Commerce] Moscow, vol. 41, no. 12, Dec. 1967.
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- BIULLETEN' INOSTRANNOI KOMMERCHESKOI INFORMATSII, prilozhenie [BULLETIN OF FOREIGN COMMERCIAL INFORMATION; Supplement]. Issued by Nauchno-issledovatel'skii kon'unktivnyi institut [Scientific Research Institute of Economic Trends]. Moscow, no. 8, 1967.
- Contents Vetrov, A. V., and others. [Fundamental changes in the economy and foreign trade of France, the Federal Republic of Germany, Italy, Finland, and Sweden] Osnovnye izmeneniia v ekonomike i vneshnei torgovle Frantsii, FRG, Italii, Finlandii i Shvetsii. 121 p.

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EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION] Issued by Gosudarstvennyi komitet Sovetskoi SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction] Moscow, vol. 9, no. 9 (105), Sep 1967

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MATERIAL'NO-TEKHNIChESKOE SNABZHENIE [SUPPLY OF MATERIALS AND EQUIPMENT] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po material'no-tekhnicheskomu snabzheniyu [State Committee of the Council of Ministers of the U. S. S. R. for the Supply of Materials and Equipment] Moscow, vol. 2, no. 7, July 1967.

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NOVAIA SOVIETSKAIA EKONOMICHESKAIA LITERATURA [NEW SOVIET ECONOMIC LITERATURE] Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] Moscow, no. 10, 1967

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY] Issued by Gosplan SSSR and SNKh SSSR [State Planning Committee of the U. S. S. R. and the Economic Council of the U. S. S. R.] Moscow, vol. 44, no. 12, Dec 1967

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VESTNIK STATISTIKI [STATISTICAL REVIEW] Organ of Tsentral'noe statisticheskoe upravleniye SSSR [Central Statistical Administration of the U. S. S. R.] Moscow, no. 12, 1967.

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YOMSONOL'SKAYA ZHIZN' [LIFE OF COMMUNIST YOUTH] Issued by T'Sentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soюза molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] Moscow, no 21, Nov. 1967.

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY] Issued by Ministerstvo sotsial'nogo obespecheniia RSFSR [Ministry of Social Security of the R.S.F.S.R.] Moscow, vol 42, no.12, Dec 1967

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6. POLITICAL SCIENCE

AGITATOR GRUZI [AGITATOR OF GEORGIA]. Issued by Otdel propagandy i agitatsii TsK KP Gruzii [Department of Propaganda and Agitation of the Central Committee of the Communist Party of Georgia]. Tiflis, vol.24, no.22, Nov.1967.

KOMMUNIST [COMMUNIST] Issued by T'Sentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soyuza [Central Committee of the Communist Party of the Soviet Union] Moscow, vol 44, no 18, Dec.1967

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PARTIYNAIA ZHIZN' [PARTY LIFE] Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soyuza [Central Committee of the Communist Party of the Soviet Union] Moscow, no. 24, Dec. 1967.

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UCHENYE ZAPISKI KAFEDRY ISTORII KOMMUNISTICHESKOI PARTII SOVETSKOGO SOYUZA VYSSHIH PARTIINOI SHKOLY PRI TSK KPSS I VYSSHIH VYSSHIKH PARTIINNYKH SHKOL [STUDIES BY THE DEPARTMENTS OF THE HISTORY OF THE COMMUNIST PARTY OF THE SOVIET UNION OF THE HIGHER PARTY SCHOOL, ATTACHED TO THE CENTRAL COMMITTEE OF THE COMMUNIST PARTY OF THE SOVIET UNION, AND LOCAL HIGHER PARTY SCHOOLS] Moscow, no. 6, 1967

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VISNYK THE HERALD Organ of Organizatsiia uchynykh svobod Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.] New York, vol. 22, no. 1 (226), Jan. 1968

VOPROSY ISTORII KPSS [PROBLEMS IN THE HISTORY OF THE CPSU] Organ of Institut marksizma-leninisma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the CPSU] Moscow, vol. 12, no. 1, Jan. 1968.

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- SREDNEE SPETSIAL'NOE OBRAZOVANIE [SECONDARY SPECIALIZED EDUCATION]** Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the U. S. S. R.] Moscow, vol 13, no 11, Nov 1966
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TEORIYA I PRAKTIKA FIZICHESKOY KUL'TURY [THEORY AND PRACTICE OF PHYSICAL CULTURE] Organ of Tsentral'nyi sovetskiy sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U. S. S. R.] Moscow, vol. 30, no. 2, Feb 1967

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TEKHNIKA KINO I TELEVIDENIYA [MOTION-PICTURE AND TELEVISION ENGINEERING] Organ of Gosudarstvennyy komitet Soveta Ministrov SSSR po kinematografii [State Committee of the Council of Ministers of the U.S.S.R. for Motion Pictures]. Moscow, vol. 11, no. 11, Nov. 1967.

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c. THEATER

KLUB I KHUZHESHTEVENNAYA SAMODEIATEL'NOST' [THE CLUB AND AMATEUR ART ACTIVITIES] Issued by Vsesoyuznyy tsentral'nyy Sovet Professional'nykh Soizuzov [All-Union Central Council of Trade Unions] Moscow, vol. 17, no. 23, Nov. 1967.

TEATR [THEATER] Organ of Ministerstvo kul'tury SSSR and Soizuz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and the Association of Writers of the U.S.S.R.]. Moscow, vol. 26, no. 9, Sep. 1967.

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10. FINE ARTS

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LETOPIS' PECHATNYKH PROIZVEDENII IZOBRAZITEL'NOGO ISKUSSTVA [CHRONICLE OF PUBLICATIONS OF FINE ARTS] Issued by Vsesoyuznaya knizhnaya palata [All-Union Book Chamber], Moscow, no. 3, 1967.

b. ARCHITECTURE

STROITEL'STVO I ARHITEKTURA UZBEKISTANA [CONSTRUCTION AND ARCHITECTURE OF UZBEKISTAN] Organ of Ministerstvo stroitel'stva i Gosstroizobektov SSR [Ministry for Construction and the State Committee for Construction of the Uzbek S.S.R.]. Tashkent, vol. 8, no. 9, Sep. 1967.

Table of contents translated:
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11. LANGUAGE, LITERATURE & FOLKLORE

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NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNAANIU [NEW SOVIET LITERATURE ON LINGUISTICS] Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9/10, 1967.

RUSSIA (923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnyye doklady vysshego shkoly; filologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools, Philological Sciences] Moscow, vol. 10, no. 4(40), 1967.

Table of contents translated:
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- Table of contents translated:
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- TASHIKENT UNIVERSITET. Nauchnye tudy [UNIVERSITY STUDIES] No. 280, 1965 Filologicheskie nauki [Philological Sciences], no. 33. From the pages of Russian Literature
- Table of contents translated:
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- VOPROSY IAZYKOZNAANIA [PROBLEMS OF LINGUISTICS]. Issued by Institut iazykoznanii Akademii nauk SSSR [Institute of Linguistics of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 11, no. 4, July-Aug. 1967.
- Table of contents translated
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- b. LITERATURE & FOLKLORE
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- AZƏRBAYCAN [AZERBAIJANI]. Organ of Soluz pisatelei Azərbaycanlıları [Association of Writers of Azerbaijan]. Baku, nos. 11-12, Nov - Dec. 1967 [In Azerbaijani]
- BAIKAL. Organ of Soluz pisatelei Baikal'skoi ASSR [Association of Writers of the Buryat A. S. S. R.]. Ulan-Ude, vol. 13, no. 8, Nov - Dec. 1967.
- DAVNII VOSTOK [FAR EAST]. Organ of Khabarovskoe otделение Soluz pisatelei RSFSR [Khabarovsk Branch of the Association of Writers of the R. S. F. S. R.]. Khabarovsk, vol. 35, nos. 5-6, Sep. - Dec. 1967.
- DILA [MORNING]. Issued by Tsentral'nyi komitet leninskogo kommunisticheskogo soluzi molodezhi Gruzii and Respublikanskiy sovet organizatsii luykh pionerov im. V. I. Lenina [Central Committee of the Lenin Communist Youth League of Georgia and the Republic Council of Lenin Pioneers]. Tiflis, no. 12, Dec. 1967. [In Georgian]
- DNIPRO [DNEPER]. Organ of Tsentral'nyi komitet Leninskogo kommunisticheskogo soluzi molodezhi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 41, no. 11, Nov. 1967, vol. 42, no. 1, Jan. 1968.
- DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Soluz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 20, no. 11, 1967.
- GULISTON [ROSE GARDEN]. Issued by Uzbekiston Kompartsiya Markazii Komitet [Central Committee of the Communist Party of the Uzbek S. S. R.]. Tashkent, no. 8, Aug. 1967.
- LITERATURA I ISKUSSTVO NARODOV SSSR I ZARUBEZHNYKH STRAN; bibliograficheskiy biulleten' [LITERATURE AND ART OF THE PEOPLES OF THE U. S. S. R. AND FOREIGN COUNTRIES, Bibliographical Bulletin]. Issued by Vsesoyuznaya knizhnaya palata and Vsesoyuznaya gosudarstvennaya biblioteka inostrannoi literatury [All-Union Book Chamber and the All-Union State Library of Foreign Literature]. Moscow, no. 4, 1967.
- NOVAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, 1967.
- NOVAIA SOVETSKAYA LITERATURA PO LITERATUROVEDENIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naya biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, 1967.
- O PUBLITSISTIKE I PUBLITSISTAKH [PUBLICISM AND PUBLICISTS]. Issued by Leningradskii gosudarstvennyi universitet [Leningrad State University]. Leningrad, no. 2, 1966
- Table of contents translated
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- SOVETSKAYA PECHAT' [SOVIET PRESS]** Issued by Soюз zhurnal'istov SSSR [Association of Journalists of the U S S R] Moscow, no 4, Apr 1966
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- URAL** Issued by Sverdlovskoe otdelenie Soiuza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R S F S R] Sverdlovsk, vol 10, no 11, Nov 1967
- VITCHYNA [OUR COUNTRY]** Organ of Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine], Kiev, vol 35, no 12, Dec 1967.
- VOLGA** Organ of Pravlenie Soiuza pisatelei RSFSR and Saratovskoe otdelenie Soiuza pisatelei RSFSR [Administration of the Association of Writers of the R S F S R and the Saratov Branch of the Association of Writers of the R S F S R] Saratov, vol 2, no 12, Nov. 1967
- VOPROSY RUSSKOI LITERATURY [PROBLEMS OF RUSSIAN LITERATURE]** Lvov, no 2, 1966.
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SOVETSKAYA ETNOGRAFIYA [SOVIET ETHNOGRAPHY] Issued by Institut etnografi Akademii nauk SSSR [Institute of Ethnography of the Academy of Sciences of the U S S R] Moscow, no. 4, July-Aug 1967

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Kuvshinov, G. M., and others [Properties of the snow cover of the Great Caucasus]. Fizicheskie svoystva snezhnogo pokryva Kavkaza. 183 p.

AKADEMIYA NAUK SSSR Sibirskoe otdelenie Institut geografi Sibiri i Dal'nego Vostoka. Doklady [ACADEMY OF SCIENCES OF THE U S S R Siberian Department, Institute of the Geography of Siberia and the Far East. Reports] Irkutsk, no 12, 1966

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SOVETSKAYA GEOLOGIIA [SOVIET GEOLOGY] Organ of Gosudarstvennyi geologicheskii komitet SSSR [State Geological Committee of the U.S.S.R.]. Moscow, vol 10, no 11, Nov. 1967.

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PIRODA [NATURE]. Issued by the Academy of Sciences of the U. S. S. R. [Academy of Sciences of the U. S. S. R.] Moscow, no. 11, Nov. 1967.

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B. ASTRONOMY

AKADEMIYA NAUK SSSR Institut teoreticheskoi astronomii Bulletin [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Theoretical Astronomy Bulletin] Leningrad, vol. 11, no. 1234, 1967

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AKADEMIYA NAUK SSSR, Komissiya po fizike planet. Izvestiya [ACADEMY OF SCIENCES OF THE U.S.S.R. Committee on the Physics of Planets Bulletin] Kharkov, no. 5, 1965

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Table of contents translated:

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MOSCOW, UNIVERSITET. Gosudarstvennyi astronomicheskiy institut. Soobshcheniia [UNIVERSITY State Astronomical Institute. Reports] No. 147, 1967

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REFERATIVNYI ZHURNAL: GEODEZIYA (Olden'nyi vypusk 52) [JOURNAL OF ABSTRACTS: GEODESY (Separate Issue 52)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, Nov. 1967

REFERATIVNYI ZHURNAL: ISSLEDOVANIYE KOSMICHESKOGO PROSTRANSTVA (Olden'nyi vypusk 62) [JOURNAL OF ABSTRACTS: SPACE RESEARCH (Separate Issue 62)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, Nov. 1967

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geodeziia i aerofoto i s'emka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geodesy and Aerial Photography]. Moscow, no. 5, 1967

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TEORETICHESKAYA I EKSPERIMENTAL'NAYA KHIMIA [THEORETICAL AND EXPERIMENTAL CHEMISTRY]. Organ of Otdelenie khimii i khimicheskoi tekhnologii Akademii nauk SSSR [Department of Chemistry and Chemical Technology of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, vol 3, no 4, July-Aug. 1967.

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- FIZIKA I TEKHNIKA POLUPROVODNIKOV [TECHNICAL PHYSICS OF SEMICONDUCTORS] Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.] Moscow, vol. 1, no. 10, 1967
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- MEDITSINSKAIA RADIOLOGIYA [MEDICAL RADIOLOGY]. Issued by Ministerstvo zdorov'ia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 7, no. 8, Aug. 1967
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- MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN]. Issued by Ministerstvo zdravookhraneniya i Akademii nauk UzSSR [Ministry of Health and the Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 8, Aug. 1967.
- PROBLEMY TUBERKULEZA [PROBLEMS OF TUBERCULOSIS]. Published by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 45, no. 7, 1967.
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- SOVETSKOE ZDRAVOOKHRANENIE [SOVIET HEALTH SERVICE]. Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 27, no. 1, 1968
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- ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOLOGY]** Issued by Ministerstvo zdorov'ia Kazakhskoi SSR [Ministry of Health of the U.S.S.R.], Moscow, vol. 44, no. 9, Sep. 1967
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- c NEUROLOGY & PSYCHIATRY**
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- Table of contents translated.
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- VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHENNOI FIZICHESKOI KULTURY [PROBLEMS OF HEALTH RESORT THERAPY, PHYSICAL THERAPY, AND EXERCISE THERAPY]** Moscow, vol. 32, no. 5, Sep.-Oct. 1967.
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- VOPROSY MEDITSINSKOI KHIMII [PROBLEMS OF MEDICAL CHEMISTRY] Issued by Ministerstvo zdavookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, vol. 13, no. 5, Sep.-Oct 1967
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- MOSCOW, INSTITUT INZHENIROV S ILSKONKONSTVENNOGO PROIZVOISTVA [DOKLADY JINZITSA]** OF AGRICULTURAL PRODUCTION ENGINEERING. Vol. 3, no. 1, 1966. Agricultural machinery
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- POCHVY SIBIRI I DAL'NEGO VOSTOKA, biulleten' otechestvennoy literatury [SOILS OF SIBERIA AND THE FAR EAST, a Bulletin of Soviet Literature] Issued by Gosudarstvennaya publikatsiya nauchno-tekhnicheskaya biblioteka Sibirskogo otdelentsia Akademii nauk SSSR [State Public Scientific and Technological Library of the Siberian Branch of the Academy of Sciences U. S. S. R.] Novosibirsk, Jan - Mar, Oct - Dec 1965, Jan - Mar, Apr - June, July - Sep 1966, Jan - Mar, Apr - June 1967.
- QAZAQSTAN AUYL SHARUASHYLYGHY [AGRICULTURE OF KAZAKHSTAN] Alma-Ata, no 12, Dec 1967 [In Kazakh].
- REFERATIVNYI ZHURNAL POCHVOVEDENIE I AGROKHIIMIJA (Odel'nyi vypusk 57) [JOURNAL OF ABSTRACTS SOIL SCIENCE AND AGROCHEMISTRY (Separate Issue 57)] Issued by Institut nauchnoy informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.] Moscow, nos 10-11, Nov 1967.
- SEL'SKOE KHOZIAISTVO, sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [AGRICULTURE, Classified Index of Articles in Foreign Periodicals] Issued by Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka and Vsesoyuznaya gosudarstvennaya biblioteka inostranoy literatury [Central Agricultural Library and the All-Union State Library of Foreign Literature] Moscow, nos 11 (139), 12 (140), 1967.
- SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN] Issued by Tsentral'nyi Komitet Kommunisticheskoy partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan] Alma-Ata, no 1, Jan. 1968.
- SEL'SKOE KHOZIAISTVO ROSSII [AGRICULTURE OF RUSSIA] Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R. S. F. S. R.] Moscow, no 12, Dec. 1967.
- SEL'SKOKHOZIAISTVENNAYA BIOLOGIJA [AGRICULTURAL BIOLOGY]. Issued by Vsesoyuznaya akademika sel'skokhoziaistvennykh nauk imeni V. I. Lenina [Lenin All-Union Academy of Agricultural Sciences] Moscow, vol. 2, no. 8, 1967.
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- Table of contents translated:
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- RYBNOE KHOZIAISTVO [FISHERIES]. Organ of Gosudarstvennyi komitet po rybnomu khoziaistvu pri SNKh SSSR [State Committee for Fisheries, Attached to the Economic Council of the U. S. S. R.] Moscow, vol 43, no 12, 1967.
- Table of contents translated:
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- TVARYNYSTVO UKRAINY [ANIMAL HUSBANDRY OF THE UKRAINE] Issued by Ministerstvo sil's'ko-hospodarstva URSS [Ministry of Agriculture of the Ukrainian S.S.R.] Kiev, vol. 36, no. 12, Dec 1967 (DNAL)
- LESNOE KHOZIAISTVO [FORESTRY] Issued by Gosudarstvennyi komitet po lesnoi (sel'skoi) khoz'yaistvu, dovozobrabatovaniyu i promyshlennosti i lesnomu khoz'yaistvu pri Gosplane SSSR and Tsentral'noe pravleniye NTO lesnoi promyshlennosti i lesnogo khoz'yaistva [State Committee for Forest Woodpulp, Paper, and Woodworking Industries and Forestry, Attached to the State Planning Committee of the U.S.S.R., and the Central Administration of the Scientific Technological Society of Forest Industries and Forestry] Moscow, vol. 19, no. 11, Nov 1967
- Table of contents translated.
- Vasil'ev, P. V., Voronin, I. V., Tsygankov, A. A. - Economic transformation in forest management of the U.S.S.R. p. 2.
- Speech to order-bearing foresters. p. 11.
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d PLANT CULTURE

- REFERATIVNYI ZHURNAL RASTENIEVOODSTVO (Otdel'nyi vypusk 55) [JOURNAL OF ABSTRACTS PLANT CULTURE (Separate Issue 55)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 10-11, Nov 1967.
- Predmetnyi ukazatel' za 1966 g. [Subject index for 1966]

- SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINE MAKING IN MOLDAVIA] Organ of Ministerstvo sel'skogo khoz'yaistva i Ministerstvo pishchevoi promyshlennosti MSSR [Ministry of Agriculture and the Ministry of the Food Industry of the Moldavian S.S.R.] Kishinev, vol. 22, no. 12 (1976), Dec 1967 (DNAL)

- SAKHARNAYA SVEKLA [SUGAR BEETS] Issued by Ministerstvo sel'skogo khoz'yaistva SSSR [Ministry of Agriculture of the U.S.S.R.] Moscow, vol. 12, no. 12, Dec 1967 (DNAL)

- ZASHCHITA RAS FENI [PROTECTION OF PLANTS] Issued by Ministerstvo sel'skogo khoz'yaistva SSSR [Ministry of Agriculture of the U.S.S.R.] Chekhov, vol. 12, no. 11, 1967

- Table of contents translated
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- (DNAL)

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- Table of contents translated
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- INZHENERNO-FIZICHESKII ZHURNAL [JOURNAL OF ENGINEERING PHYSICS] Issued by Akademii nauk BSSR [Academy of Sciences of the White Russian S.S.R.] Minsk, vol. 13, no. 4, Oct 1967

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- Table of contents translated
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- IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES] Issued by Gosudarstvennyi komitet standartov, mer i izmeritel'nykh priborov SSSR [State Committee of Standards, Measures, and Measuring Instruments of the U.S.S.R.] Moscow, no. 10, Oct 1967.

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- LENINGRAD LENINGRADSKII INZHENERNO-EKONOMICHESKII INSTITUT** Trudy [LENINGRAD ENGINEERING AND ECONOMICS INSTITUTE Transactions] No 61, 1967.
- Table of contents translated:
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- Table of contents translated:
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- NAUCHNO-TEKHNIЧЕСКАЯ ИНФОРМАЦИЯ. Серия 1:** Organizatsia i metodika informatsionnoi raboty [SCIENTIFIC AND TECHNICAL INFORMATION. Series 1: Organization and Methodology of Information Work] Issued by Vsesoyuznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information], Moscow, no. 2, 1967.
- Table of contents translated:
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- REFERATIVNYI ZHURNAL RAKETOSTROENIE (Otdel'nyi vypusk 41) [JOURNAL OF ABSTRACTS ROCKET BUILDING (Separate Issue 41)].** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 11-12, Nov.-Dec. 1967.
- RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vshishkikh uchebnykh zavedeniy, aviatsetnaya tekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Aviation Engineering].** Moscow, vol. 10, no. 3, 1967.
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- Table of contents translated
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- Table of contents translated:
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- STEKLO I KERAMIKA [GLASS AND CERAMICS]**
Issued by Gosgizstvennyi komitet po promyshlennosti stekla i keramiki pri Gosstatiz SSSR [State Committee for the Building Materials Industry, Attached to the State Committee for Construction in the U.S.S.R.], Moscow, vol. 24, no. 4, Apr. 1967.
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SEL'SKOE STROITEL'STVO [RURAL CONSTRUCTION].

Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R. S. F. S. R. for Construction]. Moscow, vol. 21, no. 12(266), Dec. 1966.

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REFERATIVNYI ZHURNAL YADERNYE REAKTORY [JOURNAL OF ABSTRACTS NUCLEAR REACTORS (Separate Issue 50)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.], Moscow, no. 11, Nov. 1967.

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- Table of contents translated.
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- Table of contents translated:
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- MASHINOVEDENIE [MECHANICAL ENGINEERING].** Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.] Moscow, no. 6, Nov.-Dec. 1967
- Table of contents translated:
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- MASLO-ZHIDROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]** Organ of Ministerstvo pishchevoi promyshlennosti SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [Ministry of the Food Industry of the U. S. S. R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 32, no. 5, May 1966
- Table of contents translated:
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- MEKHANIZATSIIA I AVTOMATIZATSIIA PROIZVODSTVA [MECHANIZATION AND AUTOMATION OF PRODUCTION]** Organ of Gosudarstvennyi komitet po mashinostroeniui pri Gosplane SSSR [State Committee for Machinery Manufacture, Attached to the State Planning Committee of the U. S. S. R.] Moscow, vol. 21, no. 11, 1967.
- Table of contents translated:
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- URAL'SKII MASHINOSTROITEL'NIY ZAVOD, Sverdlovsk. Nauchno-issledovatel'skiy institut tiarhologomashinostroyeniya** [Scientific Research Institute of Heavy Machinery Manufacture] [Papers] Moscow, no. 14, 1967. Manufacture of large machinery, mechanization of assembling and welding equipment.
- Table of contents translated:
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- ZA BEZOPASNOST' DVIZHENIYA [FOR TRAFFIC SAFETY]** Issued by Otdel RUD-GAI Upravleniya okhany obshchestvennogo poriadka Ispolkoma Moskovskogo [Traffic Department and the State Automobile Inspection Agency of the Administration for the Protection of Public Order of the Executive Committee of the Moscow City Soviet] Moscow, vol. 10, no. 12 (115), Dec. 1967.
- ZHELEZNODOROZHNIY TRANSPORT [RAILROAD TRANSPORTATION]** Organ of Ministerstvo puti soobshcheniya SSSR [Ministry of Railroad Transportation of the U. S. S. R.] Moscow, vol. 49, no. 3, Mar. 1967.
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STROITEL'NYE I DOROZHNIYE MASHINY [CONSTRUCTION AND ROAD MACHINERY] Organ of Ministerstvo stroitel'nogo, dorozhnogo i kommunalnogo mashinostroyeniya SSSR [Ministry of the Manufacture of Construction, Road, and Communal Machinery of the U. S. S. R.]. Moscow, vol. 12, no. 11, Nov. 1967.

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MINERALS]** Issued by Sibirskoe otdeleniye Akademii
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- NEFTEGAZOVAYA GEOLOGIYA I GEOFIZIKA [PETROLEUM AND GAS GEOLOGY AND GEOPHYSICS]. Issued by Gosudarstvennyi komitet nefte dobyvaushchei promyshlennosti pri Gosplane SSSR and Tsentral'nyi nauchno-issledovatel'skii institut tekhniko-ekonomicheskikh issledovani po neftlanol, neftekhimicheskoi i gazovoi promyshlennosti [State Committee for Petroleum Production, Attached to the State Planning Committee of the U. S. S. R., and the Central Scientific Research Institute of Technological-Economic Studies on the Petroleum, Petrochemical, and Gas Industry]. Moscow, no. 10, 1967.
- Table of contents translated.
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- REFERATIVNIYI ZHURNAL: METALLURGIYA [JOURNAL OF ABSTRACTS METALLURGY].** Issued by Vsesoiuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information] Moscow, no. 11, Nov. 1967.
- RUSSIA (1923- U. S. S. R.) Ministerstvo vysshogo i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geologiya i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting]** Moscow, vol. 9, no. 12, Dec. 1966.
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- Table of contents translated
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RODIMYI KRAI [NATIVE LAND] Issued by Donskoe voiskovoe ob'edineniye [Don Cossack Association] Paris, no. 73, Nov.-Dec. 1967.

SOVETSKII VOIN [SOVIET SOLDIER] Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 48, no. 16(1000), Aug. 1966

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TYL I SNABZHENIE SOVETSKIKH VOORUZHENNYKH SIL [THE REAR AND SUPPLY OF THE SOVIET ARMED FORCES] Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.] Moscow, vol. 27, no. 8, Aug 1967.

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b. NAVAL SCIENCE

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKII INSTITUT MORSKOGO FLOTA. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE Transactions]. Vol. 13, no. 80, 1967 Cybernetics and automation in the merchant marine.

- Table of contents translated:
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- MORSKOI SBORNIK, zhurnal Voenno-Morskogo Flota Soluzha SSR [NAVAL REVIEW, Magazine of the Soviet Navy], Vol. 51(120), no. 11, Nov. 1967.
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RODIMYI KRAI [NATIVE LAND] Issued by Donskoe vol'skoye ob'edinenie [Don Cossack Association]. Paris, no. 73, Nov-Dec 1967

SOVETSKII VOIN [SOVIET SOLDIER]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy] Moscow, vol. 48, no. 16(1060), Aug 1968.

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b. NAVAL SCIENCE

LENINGRAD TSENTRAL'NYI NAUCHNO-ISSLEDovatel'skii INSTITUT MORSKOGO FLOTA [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Transactions] Moscow, no. 80, 1967. Cybernetics and automation in the merchant marine.

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- Elin, I. A. - Eliminating contact corrosion by fitting a lining on the propeller shaft with the help of an epoxy compound. p. 72.
- MORSKOI FLOT [THE MERCHANT MARINE] Issued by Ministerstvo morskogo flota SSSR [Ministry of the Merchant Marine of the U.S.S.R.]. Moscow, vol. 27, no. 11, Nov. 1987.
- Table of contents translated:
- Korlakin, S. - Principle stages in merchant marine policies of the Soviet government. p. 2.
- Lysenko, V. - History of developments in heat engineering in the merchant marine. p. 3.
- Petukhov, V., Pikul', L. - On local Black Sea passenger lines. p. 5.
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- MORSKOI SBORNIK; zhurnal Voenno-Morskogo Flota Soluz SSR [NAVAL REVIEW; Magazine of the Soviet Navy]. Vol. 51(120), no. 11, Nov. 1987.
- Table of contents translated:
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- In the Presidium of the Supreme Soviet of the U.S.S.R. p. 11.
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- Table of contents translated:
- Vorob'ev, P. S. - Experimental investigation of added mass coefficients for rectangular solids in shallow water. p. 3.
- Rudin, S. N. - Motion of a triaxial ellipsoid in a confined flow. p. 10.
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Gidroliznaya i lesokhimicheskaya promyshlennost' [Hydrolysis and Wood Chemistry Industry]
- Gor. elektromekh. i avtom. (16h)
Gornaya elektromekhanika i avtomatika [Electrical Engineering in Mining and Automatic Control]
- Gor. zhur. (16h)
Gornyi zhurnal [Mining Journal]
- Grazhd. av. (16b)
Grazhdanskaya aviatsiya [Civil Aviation]
- Grud. khir. (14h)
Grudnaya khirurgiya [Thoracic Surgery]
- Inform. mat. po gidromet. prib. i met. nabl. (13f)
Informatsionnye materialy po gidrometeorologicheskimi priborami i metodami nabludenii [Information Materials on Hydrometeorological Instruments and Observation Methods]
- Inform. sbor. TSNIMF. Tekh. ekspl. mor. flota (17b)
Leningrad. Tsentral'nyi nauchno-issledovatel'skii Institut morskogo flota. Informatsionnyi sbornik Tekhnicheskaya eksploatatsiya morskogo flota [Central Scientific Research Institute of the Merchant Marine. Information Bulletin. Technical Operation of Merchant Ships]
- Inform. ukaz. bibl. spis. i kart. (2a)
Informatsionnyi ukazatel' bibliograficheskikh spisokov i kartotek, sostavlenykh bibliotekami Sovetskogo Soyuza [Information Index of Bibliographical Lists and Card Files Compiled by the Libraries of the Soviet Union]
- Inform. ukaz. stand. (16a)
Informatsionnyi ukazatel' standartov [Information Index of Standards]
- Inzh. -fiz. zhur. (16a)
Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]
- Iskusstvo (10a)
Iskusstvo [Art]
- Ist. -astron. issl. (13b)
Istoriko-astronomicheskie issledovaniya [Studies in the History of Astronomy]
- Ist. SSSR (4a)
Istoriya SSSR [History of the U.S.S.R.]
- Izm. tekhn. (16a)
Izmeritel'naya tekhnika [Measurement Techniques]
- Izobr. i rats. (16a)
Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter]
- Izobr. prom. obraz. i tov. znak (16a)
Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki [Inventions, Industrial Samples, Trademarks]
- Izv. AN Arm. SSR, Mat. (13e)
Akademiya nauk Armianskoi SSR, Eriyan. Izvestiya. Matematika [Academy of Sciences of the Armenian S.S.R. Bulletin. Mathematics]
- Izv. AN Kazakh. SSR. Ser. fiz. -mat. nauk (13f)
Akademiya nauk Kazakhskoi SSR, Alma-Ata. Izvestiya. Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in the Physico-mathematical Sciences]
- Izv. AN Kazakh. SSR. Ser. geol. (12e)3
Akademiya nauk Kazakhskoi SSR, Alma-Ata. Izvestiya. Seriya geologicheskaya [Academy of Sciences of the Kazakh S.S.R. Bulletin. Geological Series]
- Izv. AN SSSR. Energ. i transp. (16g)
Akademiya nauk SSSR. Izvestiya. Energetika i transport [Academy of Sciences of the U.S.S.R. Bulletin. Power Engineering and Transportation]
- Izv. AN SSSR. Fiz. atm. i okeana (13f)
Akademiya nauk SSSR. Izvestiya. Fizika atmosfery i okeana [Academy of Sciences of the U.S.S.R. Bulletin. Atmospheric and Oceanic Physics]
- Izv. AN SSSR. Fiz. zem. (13f)
Akademiya nauk SSSR. Izvestiya. Fizika zemli [Academy of Sciences of the U.S.S.R. Bulletin. Physics of the Earth]
- Izv. AN SSSR. Neorg. mat. (13d)
Akademiya nauk SSSR. Izvestiya. Neorganicheskie materialy [Academy of Sciences of the U.S.S.R. Bulletin. Inorganic Materials]
- Izv. AN SSSR. Ser. biol. (13c)
Akademiya nauk SSSR. Izvestiya. Seriya biologicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Biological Series]
- Izv. AN SSSR. Ser. khim. (13d)
Akademiya nauk SSSR. Izvestiya. Seriya khimicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Chemical Series]
- Izv. AN SSSR. Ser. mat. (13e)
Akademiya nauk SSSR. Izvestiya. Seriya matematicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Mathematical Series]
- Izv. AN Turk. SSR. Ser. biol. nauk (13c)
Akademiya nauk Turkmenskoi SSR, Ashkhabad. Izvestiya. Seriya biologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Biological Sciences]
- Izv. AN Turk. SSR. Ser. fiz. -tekh., khim. i geol. nauk (13a)
Akademiya nauk Turkmenskoi SSR, Ashkhabad. Izvestiya. Seriya fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Physical and Technological, Chemical, and Geological Sciences]
- Izv. Alt. otd. Geog. ob.-va SSSR (12b)
Geograficheskoe obshchestvo SSSR. Altaiskii otdel. Izvestiya [Geographical Society of the U.S.S.R. Altai Branch. Bulletin]
- Izv. Geol. ob.-va Gruz. (12c)
Geologicheskoe obshchestvo Gruzii. Izvestiya [Geological Society of Georgia. Bulletin]
- Izv. Kom. po fiz. plan. (13b)
Akademiya nauk SSSR. Komissiya po fizike planet. Izvestiya [Academy of Sciences of the U.S.S.R. Committee on the Physics of Planets. Bulletin]
- Izv. SO AN SSSR. Ser. obshchestv. nauk (1a)
Akademiya nauk SSSR. Sibirskoe otdelenie. Izvestiya. Seriya obshchestvennykh nauk [Academy of Sciences of the U.S.S.R. Siberian Department. Bulletin. Series in the Social Sciences]
- Izv. Uz. geog. ob.-va (12b)
Uzbekistanskoe geograficheskoe obshchestvo. Izvestiya [Uzbekistan Geographic Society. Bulletin]
- Izv. Vses. geog. ob.-va (12b)
Geograficheskoe obshchestvo SSSR. Izvestiya [Geographical Society of the U.S.S.R. Bulletin]
- Izv. vys. ucheb. zav.; av. tekhn. (16b)
Russiya (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii, aviatsionnaya tekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Aviation Engineering]
- Izv. vys. ucheb. zav.; chern. met. (16h)
Russiya (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii; chernaya metallurgiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]
- Izv. vys. ucheb. zav.; fiz. (13f)
Russiya (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Physics]
- Izv. vys. ucheb. zav.; geod. i aerof. (13b)
Russiya (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii; geodeziya i aerofototekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geodesy and Aerial Photography]
- Izv. vys. ucheb. zav.; geol. i razv. (16h)
Russiya (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii; geologiya i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting]
- Izv. vys. ucheb. zav.; mat. (13e)
Russiya (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii, matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mathematics]
- Izv. vys. ucheb. zav.; prav. (7)
Russiya (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii, pravovedenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Jurisprudence]
- Izv. vys. ucheb. zav.; prib. (16g)
Russiya (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii, priborostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Instrument Manufacture]
- Izv. vys. ucheb. zav.; radiofiz. (13f)
Russiya (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii; radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Physics]
- Izv. vys. ucheb. zav.; tekhn. tekst. prom. (16f)
Russiya (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedenii; tekhnologiya tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Technology of the Textile Industry]
- Kardiologiya (14a)
Kardiologiya [Cardiology]
- Kauch. i rez. (16c)
Kauchuk i rezina [Crude and Vulcanized Rubber]
- Khim. i neft. mashinost. (16c)
Khimicheskoe i neftnaya mashinostroenie [Chemical and Petroleum Machinery Manufacture]
- Khim. i tekhn. topl. i masel (16c)
Khimiya i tekhnologiya topliv i masel [Chemistry and Technology of Fuel and Oil]
- Khim. prom. (16c)
Khimicheskaya promyshlennost' [Chemical Industries]
- Khim. tver. topl. (13d)
Khimiya tverdogo topliva [Chemistry of Solid Fuel]
- Khim. v sel'. khoz. (15a)
Khimiya v sel'skom khoziaistve [Chemistry in Agriculture]
- Khib. i kond. prom. (16f)
Konecopekarnaya i konditerskaya promyshlennost' [Baking and Confectionery Industry]
- Khol. tekhn. (16c)
Kholodil'naya tekhnika [Refrigeration Engineering]
- Knizh. let. (2a)
Knizhnaya letopis' [Book Chronicle]
- Knizh. torg. (2c)
Knizhnaya torgovlya [Book Trade]
- Koks i khim. (16c)
Koks i khimiya [Coke and Chemistry]
- Komm. Ukr. (6)
Kommunist Ukrainy [Communist of the Ukraine]
- Komm. Vooruzh. Sil (17a)
Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
- Kommunist (6)
Kommunist [Communist]

Kristallografiia (13d)	Kristallografiia [Crystallography]	Nauch. -issl. trudy VNIPIK (16f)	Moscow, Vsesoluznyi nauchno-issledovatel'skiy tsentr plenochnykh materialov i iskusstvennoi kozhi i issledovatel'skie trudy [All-Union Scientific Research Institute of Film Materials and Artificial Leather Scientific Research Papers]
Lab. delo (14e)	Laboratornoe delo [Laboratory Work]	Nauch. trudy TashGU. Filol. nauki (11a)	Tashkent, Universitet. Nauchnye trudy. Filologicheskie nauki [University. Studies. Philological Sciences]
Lakokras. mat. i ikh prim. (16c)	Lakokrasochnye materialy i ikh primeneniye [Lacquer and Paint Materials and Their Use]	Nauch. trudy KNIUI (16h)	Karaganda. Nauchno-issledovatel'skiy ugol'nyy institut. Nauchnye trudy [Scientific Research Coal Institute. Studies]
Leh. prom. (16f)	Lehka promyshlennost' [Light Industry]	Nauk. pratsi z ist. KP RS (4a)	Nauchni pratsi z istorii KP RS [Studies on the History of the CPSU]
Let gazet st. (2a)	Letopis' gazetykh statei [Chronicle of Newspaper Articles]	Neft. khoz. (16h)	Neftnaya khoziaistvo [The Petroleum Industry]
Let. pech. proizv. izobr. isk. (10a)	Letopis' pechatnykh proizvedenii izobrazitel'nogo iskusstva [Chronicle of Publications of Fine Arts]	Netegaz geol. i geofiz. (16h)	Netegazovaya geologiya i geofizika [Petroleum and Geology and Geophysics]
Let. rets. (2a)	Letopis' retsenzii [Chronicle of Reviews]	Neteper. i neftekhim. (16h)	Netepererabotka i neftekhimiya [Petroleum Refining and Petroleum Chemistry]
Let. zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]	Neteprom. delo (16h)	Netepromyslovoye delo [Petroleum Production]
Lit. i isk. nar. SSSR i zarub. stran (11b)	Literatura i iskusstvo narodov SSSR i zarubezhnykh stran [Literature and Art of the Peoples of the U.S.S.R. and Foreign Countries]	Nov. i noveish. ist. (4a)	Novaya i noveishaya istoriya [Modern and Recent History]
Lit. po ped. nauk. i nar. obr. (8a)	Literatura po pedagogicheskim naukam i narodnomu obrazovaniiu [Literature on the Pedagogical Sciences and Public Education]	Nov. inostr. ekon. lit. (5b)	Novaya inostrannaya ekonomicheskaya literatura [New Foreign Economic Literature]
Lit. proizv. (16h)	Litinoe proizvodstvo [Foundry Practice]	Nov. inostr. lit. po filos. (3a)	Novaya inostrannaya literatura po filosofii [New Foreign Literature on Philosophy]
Mash. i nef. obor. (16h)	Mashiny i neftnoye oborudovaniye [Machinery and Petroleum Equipment]	Nov. inostr. lit. po iaz. (11a)	Novaya inostrannaya literatura po yazykoznaniiu [New Foreign Literature on Linguistics]
Mashinovedenie (16g)	Mashinovedeniye [Mechanical Engineering]	Nov. inostr. lit. po ist., arkheol. i etn. (4a)	Novaya inostrannaya literatura po istorii, arkheologii i etnografii [New Foreign Literature on History, Archaeology, and Ethnography]
Masl. -zhir. prom. (16c)	Maslo-zhirovaia promyshlennost' [Oils and Fats Industry]	Nov. inostr. lit. po lit. (11b)	Novaya inostrannaya literatura po literaturovedeniiu [New Foreign Literature on the Study of Literature]
Mat. sbor. (13e)	Matematicheskiy sbornik [Mathematical Review]	Nov. knigi SSSR (2a)	Novye knigi SSSR [New Books of the U.S.S.R.]
Mat. tekhn. snabzh. (5b)	Material'no-tekhnicheskoye snabzheniye [Supply of Materials and Equipment]	Nov. lit. o nauke i nauch. -issl. rab. za rub. (2a)	Novaya literatura o nauke i nauchno-issledovatel'skoy rabote za rubezhom [New Literature on Science and Research Abroad]
Mat. zam. (13e)	Matematicheskie zametki [Mathematical Notes]	Nov. lit. po Bolg. (2a)	Novaya literatura po Bolgarii [New Literature on Bulgaria]
Med. rad. (14a)	Meditsinskaya radiologiya [Medical Radiology]	Nov. lit. po Chekh. (2a)	Novaya literatura po Chexoslovakiye [New Literature on Czechoslovakia]
Med. ref. zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]	Nov. lit. po Ug. (2a)	Novaya literatura po Ugoslavii [New Literature on Yugoslavia]
Med. tekhn. (14a)	Meditsinskaya tekhnika [Medical Equipment]	Nov. lit. po Pol'. (2a)	Novaya literatura po Pol'she [New Literature on Poland]
Mekh. i avtom. proizv. (16g)	Mekhanizatsiya i avtomatizatsiya proizvodstva [Mechanization and Automation of Production]	Nov. lit. po Rum. (2a)	Novaya literatura po Rumynii [New Literature on Rumania]
Metalloved. i term. obr. met. (16h)	Metallovedeniye i termicheskaya obrabotka metallov [Metals and Heat Treatment of Metals]	Nov. lit. po Veng. (2a)	Novaya literatura po Vengrii [New Literature on Hungary]
Metallurg (16h)	Metallurg [Metallurgist]	Nov. sov. ekon. lit. (5b)	Novaya sovetskaya ekonomicheskaya literatura [New Soviet Economic Literature]
Meteor. i gidrol. (13f)	Meteorologiya i gidrologiya [Meteorology and Hydrology]	Nov. sov. i inostr. lit. po stran. Az. i Afr. (2a)	Novaya sovetskaya i inostrannaya literatura po stranam Azii i Afriki [New Soviet and Foreign Literature on the Countries of Asia and Africa]
Mezhdunar. zhizn' (6)	Mezhdunarodnaya zhizn' [International Life]	Nov. sov. lit. o nauke i nauch. -issl. rab. v SSSR (2a)	Novaya sovetskaya literatura o nauke i nauchno-issledovatel'skoy rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]
Mias. ind. SSSR (16f)	Miasnaya industriya SSSR [Meat Industry of the U.S.S.R.]	Nov. sov. lit. po filos. (3a)	Novaya sovetskaya literatura po filosofii [New Soviet Literature on Philosophy]
Mikrobiologiya (13c)	Mikrobiologiya [Microbiology]	Nov. sov. lit. po iaz. (11a)	Novaya sovetskaya literatura po yazykoznaniiu [New Soviet Literature on Linguistics]
Mir. ekon. i mezhdunar. otn. (5b)	Mirovaya ekonomika i mezhdunarodnye otnosheniya [World Economics and International Relations]	Nov. sov. lit. po ist., arkheol. i etn. (4a)	Novaya sovetskaya literatura po istorii, arkheologii i etnografii [New Soviet Literature on History, Archaeology, and Ethnography]
Mol. biol. (13c)	Molekulyarnaya biologiya [Molecular Biology]	Nov. sov. lit. po lit. (11b)	Novaya sovetskaya literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]
Mol. komm. (6)	Molodoi kommunist [The Young Communist]	Nov. vrem. (6)	Novoye vremya [New Times]
Mor. flot (17b)	Morskoi flot [The Merchant Marine]	O publits. i publits. (11b)	O publitsistike i publitsistakh [Publicism and publicists]
Mor. sbor. (17b)	Morskoi sbornik; zhurnal Voenno-Morskogo Flota SSSR [Naval Review, Magazine of the Soviet Navy]	Okeanologiya (12b)	Okeanologiya [Oceanology]
Movoznavstvo (11a)	Movoznavstvo [Linguistics]	Okhr. truda i sotsial'noe strakhovaniye (5d)	Okhrana truda i sotsial'noye strakhovaniye [Protection of Labor and Social Insurance]
NTI Ser. I (16a)	Nauchno-tekhnicheskaya informatsiya. Seriya 1. Organizatsiya i metodika informatsionnoy raboty [SCIENTIFIC AND TECHNICAL INFORMATION. Series 1. Organization and Methodology of Information Work]	Opt. -mekh. prom. (16g)	Optiko-mekhanicheskaya promyshlennost' [Optical Instruments Industry]
Nach. shkola (8a)	Nachal'naya shkola [Primary School]		
Nar. khoz. Kazakh. (5b)	Narodnoye khoziaistvo Kazakhstana [The National Economy of Kazakhstan]		
Nar. obr. (8a)	Narodnoye obrazovaniye [Public Education]		
Nauch. dokl. vys. shkoly; filol. nauki (11a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnye doklady vysshei shkoly; filologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Philological Sciences]		
Nauch. dokl. vys. shkoly, filol. nauki (3a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnye doklady vysshei shkoly; filosofskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Philosophical Sciences]		

Ortop , travm i protez (14h)	Ortopediya, travmatologiya i protezirovanie [Orthopedics, Traumatology, and Prosthesis]	Ref. zhur. : Khim (13d)	Referativnyi zhurnal: Khimiya [Journal of Abstracts: Chemistry]
Parazitologiya (13c)	Parazitologiya [Parasitology]	Ref. zhur. : Khim. i khol. mashin- nostr. (16c)	Referativnyi zhurnal: Khimicheskoe i kholodil'noe mashinostroyenie (Otdel'nyi vypusk 47) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 47)]
Part zhizn' (6)	Partinaya zhizn' [Party Life]	Ref. zhur. : Kib. (13a)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Pat. fiziol. i eksp. terap. (14e)	Patologicheskaya fiziologiya i eksperimental'naya terapiya [Pathological Physiology and Experimental Therapy]	Ref. zhur. : Kommun., byt. i torg. obor. (16g)	Referativnyi zhurnal: Kommunal'noe, bytovoe i torgovoe oborudovanie (Otdel'nyi vypusk 33) [Journal of Abstracts. Communal, Household, and Commercial Equipment (Separate Issue 33)]
Pis' v red Zhur eksp i teor fiz (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki. Pis'ma v redaktsiyu [Journal of Experimental and Theoretical Physics Letters to the Editors]	Ref. zhur. : Leg. prom. (16f)	Referativnyi zhurnal: Legkaya promyshlennost' [Journal of Abstracts: Light Industry]
Plan khoz (5b)	Planovoe khoziaistvo [Planned Economy]	Ref zhur Lesoved. i lesovod. (15c)	Referativnyi zhurnal: Lesovedeniye i lesovodstvo (Otdel'nyi vypusk 56) [Journal of Abstracts: Forestry and Forest Management (Separate Issue 56)]
Pochvy Sib i Dal' Vost (15a)	Pochvy Sibiri i Dal'nego Vostoka [Soils of Siberia and the Far East]	Ref. zhur. Ma- shinostroi. mat., konstr. i rasch. det. mash. Gidr. (16g)	Referativnyi zhurnal: Mashinostroitel'nye materialy, kon- struktsii i raschet detalей mashin. Gidropriivod (Otdel'ny vypusk 48) [Journal of Abstracts: Materials for Machinery Manufacture and the Design of Machine Parts Hydraulic Drive (Separate Issue 48)]
Porosh. met. (16h)	Poroshkovaya metallurgiya [Powder Metallurgy]	Ref. zhur. : Med. geog. (14a)	Referativnyi zhurnal: Meditsinskaya geografiya (Otdel'nyi vypusk 38) [Journal of Abstracts: Medical Geography (Separate Issue 38)]
Prikl. biokhim i mikrobiol. (13c)	Prikladnaya biokhimiya i mikrobiologiya [Applied Bio- chemistry and Microbiology]	Ref. zhur. : Met. (16h)	Referativnyi zhurnal: Metallurgiya [Journal of Abstracts: Metallurgy]
Prikl. mat. i mekh. (13e)	Prikladnaya matematika i mekhanika [Applied Mathematics and Mechanics]	Ref. zhur. : Metr. i izm. tekhn. (16a)	Referativnyi zhurnal: Metrologiya i izmeritel'naya tekhnika (Otdel'nyi vypusk 32) [Journal of Abstracts: Mensuration and Measurement Techniques (Separate Issue 32)]
Priroda (13a)	Priroda [Nature]	Ref. zhur. : Nauch. i tekhn. inform. (16a)	Referativnyi zhurnal: Nauchnaya i tekhnicheskaya informatsiya (Otdel'nyi vypusk 58) [Journal of Abstracts: Scientific and Technical Information (Separate Issue 58)]
Probl. tub. (14a)	Problemy tuberkuleza [Problems of Tuberculosis]	Ref zhur . Ob. vop. pat. Onk. (14e)	Referativnyi zhurnal: Obshcheye voprosy patologii. Onkologiya (Otdel'nyi vypusk 53) [Journal of Abstracts: General Problems of Pathology. Oncology (Separate Issue 53)]
Prof. -tekh. obr (16a)	Professional'no-tekhnicheskoye obrazovanie [Vocational Technical Education]	Ref. zhur. : Obor. pishch. prom. (16g)	Referativnyi zhurnal: Oborudovanie pishchevoi promyshlen- nosti (Otdel'nyi vypusk 38) [Journal of Abstracts: Equip- ment of the Food Industry (Separate Issue 38)]
Put' i put. khoz. (16d)	Put' i putevoy khoziaistvo [Rail, road Tracks and Road Maintenance]	Ref. zhur. : Pochv. i agrokhim (15a)	Referativnyi zhurnal: Pochvovedeniye i agrokhiimiya (Otdel'ny vypusk 57) [Journal of Abstracts: Soil Science and Agrochemistry (Separate Issue 57)]
Rad. pravo (7)	Radianskoye pravo [Soviet Law]	Ref. zhur. : Prom. transp. (16g)	Referativnyi zhurnal: Promyshlennyy transport [Journal of Abstracts: Industrial Transportation]
Rad. shk. (8a)	Radianskaya shkola [Soviet School]	Ref. zhur. Radiotekh (16e)	Referativnyi zhurnal: Radiotekhnika [Journal of Abstracts: Radio Engineering]
Radio (16e)	Radio	Ref. zhur. : Raketostri. (16b)	Referativnyi zhurnal: Raketostroyeniye (Otdel'nyi vypusk 41) [Journal of Abstracts: Rocket Building (Separate Issue 41)]
Radiotekh. i elektron. (16e)	Radiotekhnika i elektronika [Radio Engineering and Elec- tronics]	Ref. zhur. : Rast. (15d)	Referativnyi zhurnal: Rastenievodstvo (Otdel'nyi vypusk 55) [Journal of Abstracts: Plant Culture (Separate Issue 55)]
Razved i okh nedr (16h)	Razvedka i okhrana nedr [Prospecting and Conserva- tion of Mineral Resources]	Ref. zhur. : Stroitel'nye i dorozhnye mashiny (16g)	Referativnyi zhurnal: Stroitel'nye i dorozhnye mashiny (Otdel'nyi vypusk 60) [Journal of Abstracts: Construction Equipment and Road Machinery (Separate Issue 60)]
Ref. zhur. : Astron. (13b)	Referativnyi zhurnal: Astronomiya (Otdel'nyi vypusk 51) [Journal of Abstracts: Astronomy (Separate Issue 51)]	Ref. zhur. : Tekh. i obor. stol., bum. i poligr. proizv. (16g)	Referativnyi zhurnal: Tekhnologiya mashinostroyeniya [Journal of Abstracts: Technology of Machinery Manu- facture]
Ref. zhur. : Av. i raket. dvig. (16b)	Referativnyi zhurnal: Aviatsonnyye i raketnyye dvigateli (Otdel'nyi vypusk 34) [Journal of Abstracts: Aircraft and Rocket Engines (Separate Issue 34)]	Ref. zhur. : Tekh. mashinostri. (16g)	Referativnyi zhurnal: Tekhnologiya mashinostroyeniya [Journal of Abstracts: Technology of Machinery Manu- facture]
Ref. zhur. : Avt. dor (16d)	Referativnyi zhurnal: Avtomobil'nye dorogi [Journal of Abstracts: Highways]	Ref. zhur. : Teploenerg. (16g)	Referativnyi zhurnal: Teploenergetika [Journal of Abstracts: Heat Engineering]
Ref. zhur. : Avt. i gor. transp. (16g)	Referativnyi zhurnal: Avtomobil'nyi i gorodskoy transport [Journal of Abstracts: Automotive and City Transpor- tation]	Ref. zhur. : Trakt. i sel'khoz. mash. i orud. (16g)	Referativnyi zhurnal: Traktory i sel'skokhoziaistvennyye mashiny i orudiya (Otdel'nyi vypusk 44) [Journal of Abstracts: Tractors and Agricultural Machinery and Equipment (Special Issue 44)]
Ref. zhur. Biol. khim (13c)	Referativnyi zhurnal: Biologicheskaya khimiya (Otdel'nyi vypusk 30f) [Journal of Abstracts: Biochemistry (Separate Issue 30f)]	Ref. zhur. : Trub. transp. (16g)	Referativnyi zhurnal: Truboprovodnyy transport (Otdel'nyi vypusk 45) [Journal of Abstracts: Pipeline Transportation (Separate Issue 45)]
Ref. zhur. : Dvig. vnutr. sgor. (16g)	Referativnyi zhurnal: Dvigateli vnutrennego sgoraniya (Otdel'nyi vypusk 39) [Journal of Abstracts: Internal- Combustion Engines (Separate Issue 39)]	Ref. zhur. : Turbostr. (16g)	Referativnyi zhurnal: Turbogostroeniye (Otdel'nyi vypusk 40) [Journal of Abstracts: Turbine Manu- facture (Separate Issue 40)]
Ref. zhur. : Elek. i ee prim. (16e)	Referativnyi zhurnal: Elektronika i ee primeneniye [Journal of Abstracts: Electronics and its application]	Ref. zhur. : Vop. tekh. prog. i org. proizv. v mashinostri. (16g)	Referativnyi zhurnal: Voprosy tekhnicheskogo progressa i organizatsii proizvodstva v mashinostroyeniye (Otdel'nyi vypusk 35) [Journal of Abstracts: Problems of Tech- nological Progress and the Organization of Production in the Machinery Industry (Separate Issue 35)]
Ref. zhur. Elektrotekh. i energ. (16e)	Referativnyi zhurnal: Elektrotekhnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power]	Ref. zhur. : Vzaimodeist. raz. vid. transp. i kont. perev. (16g)	Referativnyi zhurnal: Vzaimodeistviye raznykh vidov trans- porta i konteynernyye perovoziiki (Otdel'nyi vypusk 31) [Journal of Abstracts: Container Shipments and the Interaction of Various Types of Transportation (Separate Issue 31)]
Ref. zhur. : Farm. Khimioterap. sred. Toks. (14f)	Referativnyi zhurnal: Farmakologiya, Khimioterapeviti- cheskiye sredstva, Toksikologiya (Otdel'nyi vypusk 54) [Journal of Abstracts: Pharmacology, Chemotherapeu- tics, Toxicology (Separate Issue 54)]		
Ref. zhur Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]		
Ref. zhur. : Fotokinetekh. (16g)	Referativnyi zhurnal: Fotokinetekhnika (Otdel'nyi vypusk 46) [Journal of Abstracts: Photographic and Motion-Picture Equipment (Separate Issue 46)]		
Ref. zhur. : Geod. (13b)	Referativnyi zhurnal: Geodeziya (Otdel'nyi vypusk 52) [Journal of Abstracts: Geodesy (Separate Issue 52)]		
Ref. zhur . Geog. (12b)	Referativnyi zhurnal: Geografiya [Journal of Abstracts: Geography]		
Ref. zhur. : Geol. (12c)	Referativnyi zhurnal: Geologiya [Journal of Abstracts: Geology]		
Ref. zhur. : Gor. delo (16h)	Referativnyi zhurnal: Gornoye delo [Journal of Abstracts: Mining]		
Ref. zhur. : IAd. reak. (16a)	Referativnyi zhurnal: IAdernyye reaktory (Otdel'nyi vypusk 50) [Journal of Abstracts: Nuclear Reactors (Separate Issue 50)]		
Ref. zhur. : Issl. kosm. prostr. (13b)	Referativnyi zhurnal: Issledovaniye kosmicheskogo prostran- stva (Otdel'nyi vypusk 62) [Journal of Abstracts: Space Research (Separate Issue 62)]		

Академия наук СССР, Институт теоретической астрономии. Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Teatr (The Theater)
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Tekhnicheskaya estetika [Industrial Aesthetics]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Tekhnika kino i televideniya [Motion Picture and Television Engineering]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Tekhnika v sel'skom khozyaistve [Machinery in Agriculture]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Teoreticheskaya i eksperimental'naya khimiya [Theory and Experimental Chemistry]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Teoriya i praktika fizicheskoy kultury [Theory and Practice of Physical Education]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Teoriya i praktika metallurgii [Theory and Practice of Metallurgy]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Teoriya veroyatnostey i ee primeneniya [Theory of Probability and Its Applications]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Transport i khraneniye nefti i nefteproduktov [Transport and Storage of Petroleum and Petroleum Products]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy [Main Geophysical Observatory. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Moscow. Gosudarstvennyy okeanograficheskiy tsentr. Trudy [State Oceanographic Institute. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Moscow. Gosudarstvennyy nauchno-issledovatel'skiy institut psikhologii. Trudy [State Scientific Research Institute of Psychology. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Moscow. Institut narodnogo khozyaistva. Trudy [Institute of the National Economy. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Akademiiya nauk Kazakhskoy SSR, Alma-Ata. Institut geologicheskikh nauk. Trudy [Academy of Sciences of the Kazakh S.S.R., Institute of Geological Sciences. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Akademiiya nauk Kazakhskoy SSR, Alma-Ata. Institut khimicheskikh nauk. Trudy [Academy of Sciences of the Kazakh S.S.R., Institute of Chemical Sciences. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Sverdlovsk. Institut metallurgii. Trudy [Institute of Metallurgy. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Irkutsk. Universitet. Trudy [University. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Khar'kov. Institut inzhenerov zeleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Leningrad. Leningradskiy inzhenerno-ekonomicheskii institut. Trudy [Leningrad Engineering and Economics Institute. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Akademiiya nauk SSSR, Institut istorii, Leningradskiy otdeleniye. Trudy [Academy of Sciences of the U.S.S.R., Institute of History, Leningrad Branch. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Leningrad. Politehnicheskii institut. Trudy [Polytechnical Institute. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Moscow. Institut neftekhimicheskoy i gazovoy promyshlennosti. Trudy [Institute of the Petrochemical and Gas Industry. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Novosibirsk. Institut inzhenerov vodnogo transporta. Trudy [Institute of Water Transportation Engineers. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Rostov-on-Don. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Engineers of Railroad Transportation. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Akademiiya nauk SSSR, Sibirskoye otdeleniye, Sovetskoye kompleksnyy nauchno-issledovatel'skiy institut. Trudy [Academy of Sciences of the U.S.S.R., Siberian Department, Northern Scientific Research Institute. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Tashkent. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Moscow. Tsentral'nyy institut prognozov. Trudy [Central Weather Institute. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut geodezii, aerofotomel'niy i kartografiy. Trudy [Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Leningrad. Tsentral'nyy nauchno-issledovatel'skiy institut morskogo flota. Trudy [Central Scientific Research Institute of the Merchant Marine. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Tashkent. Universitet. Trudy [University. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Tashkent. Astronomicheskaya observatoriya. Trudy [Astronomical Observatory. Transactions]
Результаты исследований советских искусственных спутников Земли [Academy of Sciences of the U.S.S.R., Results of Theoretical Astronomy. Results of Researches of Soviet Artificial Earth Satellites]	Ashkhabad. Turkmenskii gosudarstvennyy meditsinskii institut. Trudy [Turkmen State Medical Institute. Transactions]

Trudy UkrNIGMI (13f)	Kiev, Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut, Trudy [Ukrainian Scientific Research Hydrometeorological Institute, Transactions]	V mire knig (2a)	V mire knig [In the World of Books]
Trudy Ural. politekh. inst. (16a)	Sverdlovsk, Ural'skii politekhnicheskii institut, Trudy [Ural Polytechnic Institute, Transactions]	Vech sred shkola (8a)	Vecherniaia sredniaia shkola [Evening Secondary School]
Trudy VNI NP (16c)	Moscow, Vsesoluznyi nauchno-issledovatel'skii institut po pererabotke nefli, Trudy [All-Union Institute of Scientific Research on Petroleum Refining, Transactions]	Ved. Verkh. Sov. RSFSR (6)	Russia (1917- R S F, S R) Verkhovnyi Sovet, Vedomosti [Supreme Soviet, Gazette]
Trudy VNIIE (16e)	Moscow, Vsesoluznyi nauchno-issledovatel'skii institut elektroenergetiki, Trudy [All-Union Scientific Research Institute of Electric Power Engineering, Transactions]	Ved. Verkh. Sov. SSSR (6)	Russia (1923- U. S. S. R.) Verkhovnyi Sovet Vedomosti [Supreme Soviet, Gazette]
Trudy VNIIFIB (13c)	Moscow, Vsesoluznyi nauchno-issledovatel'skii institut fiziologii i biokhimiicheskoi sel'skokhoziaistvennykh zhivotnykh, Trudy [All-Union Scientific Research Institute of the Physiology and Biochemistry of Farm Animals, Transactions]	Vest. AMN SSSR (14a)	Akademiiia meditsinskikh nauk SSSR, Moscow, Vestnik [Academy of Medical Sciences of the U. S. S. R., Journal]
Trudy VNIIGaz (16c)	Vsesoluznyi nauchno-issledovatel'skii institut prirodnykh gazov, Trudy [All-Union Scientific Research Institute of Natural Gas, Transactions]	Vest. AN Kazakh SSR (1a)	Akademiiia nauk Kazakhskoi SSR, Alma-Ata, Vestnik [Academy of Sciences of the Kazakh S S R, Journal]
Trudy Zool. inst. (13c)	Akademiiia nauk SSSR, Zoologicheskii institut, Trudy [Academy of Sciences of the U. S. S. R., Zoological Institute, Transactions]	Vest. khir (14h)	Vestnik khirurgii [Review of Surgery]
TSifr. vych. tekhn. i prog. (13e)	TSitrovaia vychislitel'naya tekhnika i programmirovaniie [Digital Computer Technology and Programming]	Vest. LGU (1a)	Leningrad, Universitet, Vestnik [University, Review]
TSitologiya (13c)	TSitologiya [Cytology]	Vest. Mosk. un. Ser. 5: Geog. (12b)	Moscow, Universitet Vestnik, Seria 5: Geografiia [University, Review, Series 5: Geography]
Tyl i snab. Sov. Voor. Sil (17a)	Tyl i snabzhenie Sovetskikh Vooruzhennykh Sil [The Rear and Supply of the Soviet Armed Forces]	Vest. Mosk. un. Ser. 8: Biol., pochv. (13c)	Moscow, Universitet, Vestnik, Seria 8: Biologiya, pochvovedeniie [University, Review, Series 8: Biology, Soil Science]
Uch. zap. Erev. un (1a)	Erivan, Universitet, Uchenye zapiski [University, Studies]	Vest. rent. i rad. (14a)	Vestnik rentgenologii i radiologii [Review of Roentgenology and Radiology]
Uch. zap. Ferg. gos. ped. inst. Ser. mat (13e)	Ferganskii gosudarstvennyi pedagogicheskii institut Uchenye zapiski Seria matematicheskaya [Fergana State Pedagogical Institute Studies Mathematical Series]	Vest. stat. (8b)	Vestnik statistiki [Statistical Review]
Uch. zap. GGU (1a)	Gorkiy, Universitet, Uchenye zapiski [University, Studies]	Vest. vys shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]
Uch. zap. kaf. lat. KPSS (8)	Uchenye zapiski kafedry istorii Kommunisticheskoi partii Sovetskogo Soyuza Vysshei partinnoi shkoly pri TsK KPSS i meatnykh vysshikh partinnykh shkol [Studies by the Departments of the History of the Communist Party of the Soviet Union of the Higher Party School, Attached to the Central Committee of the Communist Party of the Soviet Union, and Local Higher Party Schools]	Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]
Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Polit. ekon. (5b)	Uchenye zapiski kafedry obshchestvennykh nauk vuzov, g. Leningrada; Politicheskaya ekonomiya [Studies by the Departments of Social Sciences of Leningrad Institutions of Higher Education; Economics]	Vop. filos. (3a)	Voprosy filosofii [Problems of Philosophy]
Uch. zap. Kal. gos. ped. inst. (1a)	Kalinin, Pedagogicheskii institut, Uchenye zapiski [Pedagogical Institute, Studies]	Vop. laz. (11a)	Voprosy lazykoznaniiia [Problems of Linguistics]
Uch. zap. LGU (1a)	Leningrad, Universitet, Uchenye zapiski [University, Studies]	Vop. ist. (4a)	Voprosy istorii [Problems of History]
Uch. zap. NIIGA Ser. "Paleont. i biost.," (12c)	Leningrad, Nauchno-issledovatel'skii institut geologii Arktiki, Uchenye zapiski, Seria "Paleontologiya i biostroigrafiia" [Scientific Research Institute of the Geology of the Arctic, Studies, Series "Paleontology and Biostroigraphy"]	Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems in the History of the CPSU]
Uch. zap. Ped. inst. Gerts. (1a)	Leningrad, Gosudarstvennyi pedagogicheskii institut imeni A. I. Gertsena, Uchenye zapiski [A. I. Hertzson State Pedagogical Institute, Studies]	Vop. klin. nevr. i psikh. (14c)	Voprosy klinicheskoi nevroptatologii i psikhiatrii [Problems of Clinical Neuropathology and Psychiatry]
Uch. zap. Sver. gos. ped. inst. (1a)	Sverdlovsk, Gosudarstvennyi pedagogicheskii institut, Uchenye zapiski [State Pedagogical Institute, Studies]	Vop. kur., fizioter. i lek. fiz. kul't. (14e)	Voprosy kuroptologii, fizioterapii i lecheniia fizicheskoi kul'tury [Problems of Health Resort Therapy, Physical Therapy, and Exercise Therapy]
Uch. zap. Ul'ian. gos. ped. inst. (1a)	Ulyanovsk, Gosudarstvennyi pedagogicheskii institut, Uchenye zapiski [State Pedagogical Institute, Studies]	Vop. med. khim. (14f)	Voprosy meditsinskoi khimii [Problems of Medical Chemistry]
Ugol' (16h)	Ugol' [Coal]	Vop. psikh. (14e)	Voprosy psikhiatrii [Problems of Psychiatry]
Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]	Vop. rus. lit. (11b)	Voprosy russkoi literatury [Problems of Russian Literature]
Ukr. biokhim. zhur. (13c)	Ukrainskii biokhimichnyi zhurnal [Ukrainian Biochemical Journal]	vsem. prof. dvizh. (5d)	Vsemirnoe protsoluznoe dvizhenie [World Trade-Union Movement]
Ukr. fiz. zhur. (13f)	Ukrainskii fizicheskii zhurnal [Ukrainian Physics Journal]	Vysokom. soed. Ser. A (13d)	Vysokomolekuliarnye soedineniia, Seria A [Macromolecular Compounds, Series A]
Ukr. ist. zhur. (4a)	Ukrainskii istorychnyi zhurnal [Ukrainian Historical Journal]	Vysokom. soed. Ser. B (13d)	Vysokomolekuliarnye soedineniia, Seria B [Macromolecular Compounds, Series B]
Ukr. khim. zhur. (13d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]	Za tekhn. prog. (16a)	Za tekhnicheskii progress [For Technological Progress]
Ukr. mat. zhur. (13e)	Ukrainskii matematicheskii zhurnal [Ukrainian Mathematical Journal]	Zashch. met (16h)	Zashchita metallov [Metals' Protection]
Urol. i nefr. (14a)	Urologiya i nefrologiya [Urology and Nephrology]	Zashch. rast. (15d)	Zashchita rastenii [Protection of Plants]
Usp. fiz. nauk (13f)	Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]	Zem. i vesol. (13b)	Zemlia i vseleeniia [Earth and the Universe]
Usp. sovr. biol. (13c)	Uspekhi sovremennoi biologii [Progress in Contemporary Biology]	Zhel. dor. transp. (16g)	Zheleznodorozhnyi transport [Railroad Transportation]
Uzb. biol. zhur. (13c)	Uzbekskii biologicheskii zhurnal [Uzbek Biological Journal]	Zhur. mikro- biol., epid. i immun. (14a)	Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology]
		Zhur. nevr. i psikh. (14c)	Zhurnal nevroptatologii i psikhiatrii [Journal of Neuropathology and Psychiatry]
		Zhur. prikl. khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
		Zhur. strukt. khim. (13d)	Zhurnal strukturalnoi khimii [Journal of Structural Chemistry]
		Zhur. tekhn. fiz. (16a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
		Zhur. vys. nerv. deiat. (14c)	Zhurnal vysshei nervnoi deiatel'nosti [Journal on Higher Nervous Activity]

Q1 3 (Continued)

- New books. Part zhizn' no 24-73 D '67.
[New foreign economic literature] Nov. inostr. ekon. lit. no 10 '67.
[New Soviet economic literature] Nov. sov. ekon. lit. no 10 '67.
[100,000 why's; a recommended bibliographical index of books for school children of the 4th-6th grades] Sto tysyach pochemu, rekomendatsionyi bibliograficheski ukazatel' knig dlia shkol'nikov 4-6-ix klassov. Leningrad, Detskaya lit-ia, 1967, 53 p.
Studies on new rites and holidays published in 1963-1966. L. M. Saburova. Sov. etn. no 5 173-181 S-O '67.

Q1.4 BIBLIOGRAPHIES ON PHILOLOGY AND LANGUAGE

- The most significant articles and materials on the present-day situation, history, culture, and languages of the Slavs in foreign countries published in 1966-1967 in Soviet periodicals (continuation). Sov. slav. no 4 121-124 Ji-Ag '67.
[New foreign literature on linguistics] Nov. inostr. lit. po laz no 9/10 '67.
[New Soviet literature on linguistics] Nov. sov. lit. po laz no 9/10 '67.
Slavic studies published in foreign periodicals. Sov. slav. no 1 124-125 Ji-Ag '67.

Q1.5 BIBLIOGRAPHIES ON MATHEMATICS AND NATURAL SCIENCES

- Bibliography of selected literature on the history of astronomy published in the U.S.S.R. and other countries during 1962-1965. N. B. Lavrova, P. G. Kulikovskiy. Ist.-astion issl. no 9 341-344 '68.
Literature on meteorology and hydrology in 1966-1967. Meteor. i gidrol. no 11 107-111 N '67.
Literature on meteorology and hydrology in 1966-1967. Meteor. i gidrol. no 12 100-102 D '67.
Morkunaitė, Z. [Nature of Soviet Lithuania and its protection, a list of recommended literature] Tarybu Lietuvos gamta ir jos apsauga, rekomenduojamos literatūros rodyklė. Vilnius, 1966. 101 p. [In Lithuanian].
New books. Dop. AN URSR Ser. B 29 no. 11 1051-1052 N '67.

Q1.6 BIBLIOGRAPHIES ON APPLIED SCIENCES, MEDICINE, TECHNOLOGY

- [Epilepsy; bibliography of the basic Soviet literature, 1861-1917] Epilepsia, bibliografija osnovnoi otechestvennoi literatury (1861-1917) Moskva, 1966, 110 p. [Prilozhenie k sborniku "Aktual'nye problemy epilepsii"]
Index of articles published in the periodical during 1967. Prok. iub. 15 no. 12 72-78 '67.
Index of books on neuropathology, psychiatry, and related disciplines received in the State Central Scientific Medical Library, July-August 1967. E. A. Akhutin. Zhur. nevro. i psikh. 67 no. 12, 1876-1879 '67.
Index of Soviet literature on medical radiology published in the second half of 1965. I. A. Astakhov. Med. rad. 12 no. 11 62-66 N '67.
[Sails of Siberia and the Far East] Pochvy Sib. i Dal'. Vost. Ja-Mr. O-D '65, Ja-Mr. Ap-Je, Ji-S '66, Ja-Mr. Ap-Je '67.

Q1.7 BIBLIOGRAPHIES ON THE ARTS, ENTERTAINMENT, SPORT

- Bibliography. Teor. i prak. fil. kul'. 20 no. 3-77-78 Mi '67.
[Literature and art of the peoples of the U.S.S.R. and foreign countries] Lit. i isk. nar. SSSR i zarub. stran no 4 '67.

Q1.8 BIBLIOGRAPHIES ON LITERATURE

- [Belles-lettres of African countries in European languages, books] Bibliografija Khudozhestvennaya literatura stran Afriki na evropeiskikh iazykakh, knigi. Bibliografija. Moskva, 1967, 52 p.
Creative history of L. N. Tolstoy's works. N. K. Piksanov. Uch. zap. GGU no. 77-326-356 '66.
[Literature and art of the peoples of the U.S.S.R. and foreign countries] Lit. i isk. nar. SSSR i zarub. stran. no. 4 '67.
Literature on L. N. Tolstoy for 1962-1963. A. D. Zaidman. Uch. zap. GGU no. 77-323-325 '66.
[New foreign literature on the study of literature] Nov. inostr. lit. po lit. no. 10 '67.
[New Soviet literature on the study of literature] Nov. sov. lit. po lit. no. 10 '67.

Q1.9 BIBLIOGRAPHIES ON HISTORY, GEOGRAPHY

- Bellekchi, V. S., comp. [Bibliography of Moldavian archaeology, 1946-1966] Bibliografija po arheologii Moldavii (1946-1966 gg.) Kishinev, 1967, 27 p.
Brief news and bibliography. Epig. Vost. no. 18-131-137 '67.

- [50 heroic years; a recommending index of literature] 50 gorodcheskikh let, rekomendatsionnyi ukazatel' literatury. Moskva, Kniga, 1967, 37 p. (V pomoshch' propagande tezisev Tsentral'nogo Komiteta KPSS "50 let Velikoi Oktliab' skoi sotsialisticheskoi revoliutsii")
History of the Ukraine in the collections of documents and materials, a bibliography (to be continued). Ukr. ist. zhur. 11 no. 8 159-160 Ag '67.

Q2 LIBRARIES LIBRARIANSHIP

- At the Ardizhan Province book acquisition centers K. Abdullaev. Knizh. torg. 18 no. 8 27 Ag '67.
Basic trends in studying the readers' interests. N. L. Dobrylina. Bibliot. SSSR, no. 35 66-72 '67.
Book acquisitions of 3000 libraries. V. Afanas'ev. Knizh. torg. 18 no. 8 24-25 Ag '67.
A conference on the theoretical problems of library science and bibliography. IU. V. Gairol'ev. Bibliot. SSSR, no. 35 55-65 '67.
Determination of the language of foreign texts. K. K. Demchenko. NTI, Ser. 1 no. 2-25-27 '67.
Important aspects of the work of the book distributing libraries. R. Kurtonina, E. Smirnova, T. Mistrukova. Knizh. torg. 18 no. 12-22-23 D '67.
In V. I. Lenin's private library. N. Filina. Sov. pech. no. 4-23-25 Ap '66.
Information services and libraries. E. L. Shapiro. NTI, Ser. 1 no. 4 3-5 '67.

- The interest in books is growing. Z. Dadeeva. Prof. tekhn. obr. 24 no. 5-26-27 My '67.
[Library science; program of a course for library science faculties of institutes of culture] Bibliotekovedenie, programma kursa dlia biblioteknykh fakul'tetov, Institutov kul'tury. Redaktsiya: K. I. Abramov, Z. N. Ambarsunian. IU. V. Grigor'ev. Moskva, 1966. 67 p.
Methodological principles of the development of an optimal system of information centers and libraries. V. V. Kosolapov. NTI, Ser. 1 no. 2 5-11 '67.

- Some problems concerning the system of union catalogs of periodicals. Z. I. Filina. Bibliot. SSSR, no. 35 113-156 '67.

- Some problems of the effectiveness of the copying and duplicating process. M. V. Pashkov, A. P. Bulbin. NTI, Ser. 1 no. 2 28-29 '67.

- Some problems of the use of experiments in library work. V. A. Kravchenko. Bibliot. SSSR, no. 35 96-107 '67.

- Some trends in the development of a unified library and bibliographical reference service for industrial personnel under present-day conditions. T. F. Karatygina. NTI, Ser. 1 no. 10 8-11 '67.

- The Soviet on acquisitions. P. Brailov. Knizh. torg. 18 no. 8 26 Ag '67.

- Study of the use of the subject catalog. S. K. Vilenskaya. Bibliot. SSSR, no. 35 129-142 '67.

- Trying to develop the students' interest in reading. L. Altsman. Nar. obr. no. 12 29-35 D '67.

- With a book through life. I. Orskii. Nar. obr. no. 8 56-59 Ag '67.

Q2(41)—United Kingdom and Northern Ireland

- Some thoughts on the establishment and work of the National Scientific and Technical Library. J. Erkhart. NTI, Ser. 1 no. 10 27-30 '67.

Q2(43)—Czechoslovakia

- The new life of the Russian library in Prague: history of the collection of A. F. Smirnov's books. I. Davitskii. Sov. slav. no. 4-96-98 Ji-Ag '67.

Q2(47.1.232)—Leningrad City

- Petrograd's public libraries in the first years of Soviet rule. I. F. Matynov. Bibliot. SSSR, no. 35 47-51 '67.

Q2(47.1.310)—Moscow City

- Completing the acquisition of foreign literature, from the work experience of the All-Union State Library of Foreign Literature. T. S. Kondratuk. Bibliot. SSSR, no. 35 157-185 '67.

- Experience in serving graduate students in the State Library of the U.S.S.R. named after V. I. Lenin. M. I. Volkova, T. K. Kulich. Bibliot. SSSR, no. 35 66-96 '67.

- Organization of theoretical and methodological work in the Main Library of Social Sciences of the Academy of Sciences U.S.S.R. K. P. Alekseeva. Bibliot. SSSR, no. 35 108-110 '67.

Q2(47.1.321)—Orel Province

- The Soviet on acquisitions. P. Brailov. Knizh. torg. 18 no. 8 26 Ag '67.

Q2(47.1.54)—Sverdlovsk Province

- From experience in the regional studies of the Sverdlovsk Province Library named after V. G. Belinskii. P. I. A. Khazanova, L. I. Zykova. Bibliot. SSSR, no. 35 120-128 '67.

Q2(47.4.3)—Latvian S.S.R.

- Library work in Soviet Latvia. A. A. Deglava. Bibliot. SSSR, no. 35 34-46 '67.

- Readers of the National Library of the Latvian S.S.R. and their requests. I. A. Ozola. Bibliot. SSSR, no. 35 73-85 '67.

Q2(477)—Ukrainian S.S.R.

- Accounts and inspection. G. Novitskii. Knizh. torg. 18 no. 8 25-26 Ag '67.

Q2(478)—Moldavian S.S.R.

- Book acquisitions of 3000 libraries. V. Afanas'ev. Knizh. torg. 18 no. 8 24-25 Ag '67.

Q2(575.1)—Uzbek S.S.R.

- Development of library work in Uzbekistan in 1917-1941. A. G. Kasymova. Bibliot. SSSR, no. 35 21-33 '67.
The disseminator of the knowledge of economics. G. Kuramshina. Ekon. i zhizn' 8 no. 12 56 D '66.

Q2(575.2)—Kirghiz S.S.R.

- Development of library work in Kirghizistan in the years of Soviet rule. K. K. Konduchalov. Bibliot. SSSR, no. 35 3-20 '67.

Q28 READING ADVICE FOR READERS

- Books written by journalists. Sov. pech. no. 4-15 Ap '66.

Q3 ENCYCLOPEDIAS, DICTIONARIES, REFERENCE BOOKS

- Historical dictionary of the Ukrainian language; the theory and practice of its compilation. L. L. Humets'ka. Movoznavstvo 1 no. 1 11-49 Ja-1 '67.

- [International electrotechnical vocabulary] Mezhdunarodnyi elektrotekhnicheskii slovar'. Moskva, Sov. Entsiklopediya.

- Group 25 [Production, transmission, and distribution of electrical energy] Proizvodstvo, peredacha i raspredelenie elektricheskoi energii. 1967, 161 p.

- [Little Medical Encyclopedia] Malaya meditsinskaya entsiklopediya. Glav. redaktor V. Kh. Vasilenko. Moskva, Sov. Entsiklopediya.
Vol. 7 [Poisonings - Polyuria] Otravleniia - Poluriia. 1967, 1199 p.

- Modern Soviet encyclopedias. L. Shaumian. Sov. pech. no. 1-48-50 Ap '66.

- The new orthographical dictionary. I. F. Protchenko. Rus. rech' no. 5 101-102 S-O '67.

- Principles of the compilation of bilingual chemical dictionaries. IU. G. Kuz'min. NTI, Ser. 1 no. 10-22-26 '67.

Q5 PERIODICALS. REVIEWS

- [Calendar of the subprofessional medical worker for 1966] Kalendar' srednego meditsinskogo rabotnika na 1966 god. Pod obshech. red. V. V. Kovanova. Moskva, Meditsina, 1967, 534 p.

- [Chronicle of periodical articles] Let. zhur. st. Vspomogatel' nye ukazatel' k nos. 27-39 za 1967, g. [Index to nos. 27-39 for 1967].

- Discussion of the periodical "Biologicheskie nauki" in Leningrad State University. T. Sokolova. Nauch. dokl. vys. shkoly, filol. nauki 10 no. 5 133 '67.

- Forum of a readers' conference. Vop. ist. KPSS 12 no. 1 152-153 Ja '68.

- Historiographical significance of sociopolitical writings. A. V. Santsevich. Ukr. ist. zhur. 11 no. 11-47-55 N '67.

- Meeting our readers. I. S. Korzhova. Vop. filos. 21 no. 12-136-130 '67.

- New materials on the contacts of the editors of the newspaper "Kolokol" and Mikhail Bakunin with the Finnish national liberation movement. E. L. Rudnitskaya. Vop. ist. 42 no. 12 36-52 D '67.

- The palette of everyday life. N. I. Inskaya. Sov. pech. no. 4-19-21 Ap '66.

- Readers' conference. A. I. Nosulenko. Gos. zhur. 142 no. 5-71 My '67.

- Some problems concerning the system of union catalogs of periodicals. Z. I. Filina. Bibliot. SSSR, no. 35 143-155 '67.

- Some suggestions for the reviewing of geological works. A. A. Vasil'eva, T. I. A. Novikova. NTI, Ser. 1 no. 4-12-13 '67.

- Tribune of accounting practice. N. Veltman. Buklig. uch. 26 no. 8 38-44 Ag '67.

- "Voprosy kul'tury rech'." V. I. Borkovskii. Rus. rech' no. 1 47-52 Ja-F '67.

- "Voprosy zhurnalistik." B. I. Tambovskii. Sov. pech. no. 4-24 Ap '66.

Q5(431)—German Democratic Republic

- A periodical publication of the Institute of History of the Academy of Sciences of the German Democratic Republic. V. V. Mavrodin and others. Vest LGU 22 no. 17 142-143 S '67.

The Ukrainian builders exhibit, K. Besskil, A. Ol'shan-
skii. Flon stroi, 9 no. 9-64-65 S '67.

What is new in industrial construction, S. Savvichev.
Flon stroi, 10 no. 1-58-59 '68.

05 06(471 310)—Moscow City

Electrical engineering, electronics, and automation from
the German Democratic Republic. Mekh, 1 avtom, protzv,
21 no. 11-57-59 '67.

Measuring devices at Hungarian exhibitions in Mos-
cow. Izm. tekhn. no. 10-81-83 O '67.

05 06(477 8)—Western Ukraine

An exhibition of the creations of the young, A. Lilov.
Prof. tekhn. obr. 24 no. 10-25 O '67.

05 06(574)—Kazakh S.S.R.

The 2d round of a contest, Zh. Zhumabekov. Vest. vys.
shkoly 25 no. 10-19-20 O '67.

05 07 VARIOUS ACTIVITIES

The club "Red carnation," I. Galusin. Prof. tekhn. obr.
24 no. 10-24 O '67.

The finish of a "semester of voluntary work," V. N.
Sposhtakovskii. Vest. vys. shkoly 25 no. 10-53-54
O '67.

In cooperation with working youth, L. M. Logov. Vest.
vys. shkoly 25 no. 10-49-51 O '67.

05 07(477)—Ukrainian S.S.R.

Along the historical places of their own region, L. Iakli-
menko. Prof. tekhn. obr. 24 no. 10-39 O '67.

05 09 HISTORIC, INAUGURAL, COMMEMORATIVE CELEBRATIONS

During the days of the great jubilee, Louis Salliant.
Vsem. prof. divizh. no. 7-1-2 O '67.

The 50th anniversary of the October Revolution is a
holiday of the victories of communism, I. D. Nazarenko.
Ukr. ist. zhur. 11 no. 7-3-18 JI '67.

For the glory of our native land, for the happiness of the
people, Komm. Vooruzh. Sil. 48 no. 21-8-12 N '67.

Forward to the triumph of communism! Komm. Vooruzh.
Sil. 48 no. 21-2-7 N '67.

From the summit of 50 years, Ist. SSSR no. 5-3-7 S-O
'67.

Give the 50th anniversary of the Great October Revolution
a worthy welcome, A. Seregina. Prof. tekhn. obr. 24
no. 10-24 O '67.

The glorious 50th anniversary, Shkola i protzv. 11
no. 11-4-9 N '67.

The great road of a great people, Nach. shkola 35 no. 10-
2-10 O '67.

An inspiring document of our epoch, Rad. shk. 46
no. 8-1-8 Ag '67.

Our universities in the year of the anniversary, Nauch.
dokl. vva. shkoly, filol. nauki 10 no. 5-82-102 '67.

The road of struggle and victories, V. Z. Bul'vankov,
Nach. shkola 35 no. 10-77-80 O '67.

[To the Soviet people and all workers of the Union of
Soviet Socialist Republics, an appeal of the Central
Committee of the CPSU, the Presidium of the Supreme
Soviet of the U.S.S.R., and the Council of Ministers of
the U.S.S.R.] K. Sovetskomy narod, ko vsem trudia-
shchimsia. Soiz. Sovetskikh Sotsialisticheskikh
Respublik, obrauchenie Tsentral'nogo Komiteta KPSS,
Prezidiuma Verkhovnogo Soveta SSSR, Soveta Ministrov
SSSR. Moskva, Politizdat, 1967, 14 p.

Toward the glorious anniversary, A. Barkanov, Prof.
tekhn. obr. 24 no. 5-24 My '67.

Toward the glorious anniversary, Nar. obr. no. 8-93-
100 Ag '67.

We welcome the 50th anniversary of the October Revolu-
tion. Teor. i prak. fiz. kult. 30 no. 11-2-4 N '67.

05 09(438)—Poland

Poland is 1,000 years old, E. Kusko. Sov. voim. 48
no. 16-42-43 Ag '66.

061 INSTITUTIONS, ASSOCIATIONS, CONGRESSES, ETC.

The Artemov Red Banner Mining Institute in Dnepro-
petrovsk during the years of Soviet government, A. A.
Rengevich, Ugol' 42 no. 8-10-14 Ag '67.

[Bulletin of international scientific meetings, confer-
ences, and congresses] Blul. mezhdunar. nauch. s'ezd.,
konf. i kongr. no. 8 '67.

G. 6-18-43: The information office of the Institute of the
Russian Language of the Academy of Sciences of the
U.S.S.R. B. Z. Hukhina. Rus. rech' no. 1-99-102
Ja-F '67.

061(477)—Ukrainian S.S.R.

The Dongiproskhi Institute, Ugol' Ukr. 11 no. 6-29
Je '67.

061(73)—United States of America

The American Society for Metals and its Informational
and Bibliographical work, O. V. Gedrimovich, NTI
Ser. 1 no. 4-17-18 '67.

069 MUSEUMS, PERMANENT COLLECTIONS

The heroism of the Great October Revolution in the ex-
positions of school museums, V. S. Petrenko. Ist. i
shk. 46 no. 8-9-15 Ag '67.

Museums of local history during the last 50 years, A. V.
Molisev, Ist. SSSR no. 6-180-209 N-11 '67.

Muzei M. V. Lomonosova, Lomonosovo. [The M. V.
Lomonosov Museum, a guidebook] Putavoditel',
[Arkhangelsk] Sovetskoe Zapadnoe knizhnoe izd-vo, 1957
47 p.

The year of quests and hopes, V. I. Kochenkov, Ist.
SSSR no. 5-107-203 S-O '67.

069(477)—Ukrainian S.S.R.

A historical museum in school, M. I. Al'tsherman. Ist.
i shk. 11 no. 8-100-112 Ag '67.

Let us create a museum worthy of the name of A. S.
Makarenko, P. Ilyenko, Nar. obr. no. 12-60-61 N '67.

Museums of Donetsk Province, H. O. Husyn'kyl, Ist.
i shk. 11 no. 11-89-92 N '67.

07 NEWSPAPERS, JOURNALISM

According to the conscience as well as the law, Ist. i shk.
ov. Sov. pech. no. 4-46 Ag '66.

At the sources of labor journalism, A. F. Borovskii.
O publich. i publits. no. 2-101-142 '66.

"The author's tendency" in the journalistic writings
of V. I. Lenin, M. N. Gurenkov. O publich. i publits.
no. 2-102-107 '66.

[Chronicle of newspaper articles] Ist. gazet, st.
no. 11 '67.

Declaration of love, M. Karpovich, Sov. pech. no. 4-
27-28 Ag '66.

The editor's mail, Sov. pech. no. 4-51-52 Ag '66.

The great march to communism, Sov. pech. no. 4-1-1
Ag '66.

How the "Okopnaya pravda" was closed, V. T. Ientsev.
Vop. ist. KPSS 12 no. 1-117-118 Ja '68.

The leading subject: the economic reform, Ist. i shk.
ov. Sov. pech. no. 4-4-9 Ag '66.

The orbit of journalists, Mikhail Shur, Sov. pech. no. 4-
29-32 Ag '66.

The party's concern for the press, Sov. pech. no. 4-11-1
Ag '66.

Paths to the reader, P. S. Karanov. O publich. i publits.
no. 2-105-79 '66.

Registered Aphrodit, G. Zolotova, Sov. pech. no. 4-
41-42 Ag '66.

Reviewing the achieved: V. I. Lenin's article "The party
organization and party literature" and some problems
of journalistic writings, A. F. Borovskii. O publich. i
publits. no. 2-24-44 '66.

Role of "Pravda" in the development of socialist ex-
position at the beginning of the mass collective farm move-
ment, P. D. Piminskii, Uch. zap. kaf. ist. KPSS no. 8-
85-112 '67.

The role of "Pravda" in the development of Soviet
literature during the period of the Great Patriotic War,
M. A. Nazarov, Vop. rus. lit. no. 2-127-134 '66.

Some problems of present-day Soviet journalism, A. I.
Grebenshchikov. O publich. i publits. no. 2-3-21 '66.

Spoken language elements in newspaper language, V. G.
Kostomarov, Rus. rech' no. 5-40-53 S-O '67.

They will find! L. Rechmedin, Sov. pech. no. 4-16-18
Ag '66.

To change or not to change? AN. Makarov, Sov. pech.
no. 4-33-34 Ag '66.

07(437)—Czechoslovakia

"Rude Pravo" on Czech foreign policy, Nov. vrem. 11
no. 3-10 Ja '68.

07(44)—France

The Soviet theme in the journalistic writings of the
Popular Front, V. S. Sokolov. O publich. i publits.
no. 2-143-167 '66.

07(471. 23)—Leningrad Province

The leading section of the newspaper: based on the
materials of the section on party life in "Leningrad
skaya pravda", late 1964 and early 1965, A. I. A.
Grebenshchikov. O publich. i publits. no. 2-43-64 '66.

Statistics and journalism: results of the first statisti-
cal study of the newspaper "Leningradskaya pravda," N. I.
Zaitsev. O publich. i publits. no. 2-80-81 '66.

07(477)—Ukrainian S.S.R.

The Donetsk basin press was the efficient helper of party
organizations in developing new forms of socialist
competition, 1959-1965, O. F. Voronkin, Nauk. pratal
z ist. KPSS no. 8-128-140 '68.

07(481)—Norway

"Frikosten" in the struggle for peace; based on the
journalistic articles of the newspaper published by the
Communist Party of Norway during 1949-1964, I. I.
Barsukov. O publich. i publits. no. 2-106-104 '66.

07(497.1)---Yugoslavia

The piest of socialist Yugoslavia. A Ivanov. Mezhdunar. zhizn' 15 no. 1:156-158 Ja '68

07(497.2)---Bulgaria

May we introduce the journalists from Pleven. Mikh. Petrov. Sov. pech. no. 4:54-57 Ap '66.

PHILOSOPHY. METAPHYSICS. PSYCHOLOGY. LOGIC. ETHICS AND MORALS

PHILOSOPHY

[New foreign literature on philosophy] Nov. inostr. lit. po filoz. no. 10 '67.

[New Soviet literature on philosophy] Nov. sov. lit. po filoz. no. 10 '67

MARXIST PHILOSOPHY. DIALECTIC MATERIALISM

Antonjan, M. O. [Correlation between objective conditions and subjective factors under socialism] Sooinoshenie ob'ektivnykh uslovii i sub'ektivnogo faktora pri sotsializme. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1967. 239 p

Dialectical logic in the U.S.S.R. M. N. Alekseev. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:68-78 '67.

Lenin, dialectics, and the October Revolution. B. M. Kedrov. Vop. filoz. 21 no. 10:41-52 '67.

Leninism and philosophical traditions in the postrevolutionary period. M. T. Iovchuk. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:44-57 '67.

Meeting our readers. I. S. Korzhova. Vop. filoz. 21 no. 12:136-138 '67.

The October Socialist Revolution and Marxist-Leninist philosophy. F. V. Konstantinov. Vop. filoz. 21 no. 10:15-28 '67.

Parnuk, M. A. [Determinism of dialectical materialism] Determinizm dialekticheskogo materializma. Kiev, Naukova dumka, 1967. 258 p

Philosophical discussions of the 1920's and early 1930's in the U.S.S.R. A. V. Shegolev. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:110-118 '67.

Philosophical studies at Moscow University during the 50 years of Soviet rule. A. D. Kosichev. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:119-129 '67.

Present-day problems in dialectical logic. V. A. Lektorski. Vop. filoz. 21 no. 10:106-112 '67.

Problems in the history of philosophy and the Leninist phase of its development, discussions on current problems of science. Problemy istorii filosofii i leninskogo etapa ee razvitiia, besedy po aktual'nym problemam nauki. Moskva, Znanie, 1967. 63 p. (Novoe v zhizni, nauke, tekhnike. II Seriya. Filosofiya, 11)

A session in the Institute of Philosophy of the Academy of Sciences of the U.S.S.R. devoted to the 50th anniversary of the October Revolution. I. I. Voroshilin. Vop. filoz. 21 no. 10:154-158 '67.

Some characteristics of Marxist philosophy in the U.S.S.R. and the general laws of its development. G. S. Vasnetaki, L. F. Kuz'min. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:34-43 '67.

Some problems in the history of Marxist philosophy and the Leninist phase of its development. M. T. Iovchuk. Vop. filoz. 21 no. 10:113-124 '67.

The study of philosophical problems at Leningrad University. V. G. Ivanov. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:130-135 '67.

V. I. Lenin and dialectics in present-day physics. M. E. Omel'ianovskii. Vop. filoz. 21 no. 10:125-134 '67.

V. I. Lenin and the problems of materialistic dialectics. V. P. Rozhin. Vest. LGU 22 no. 17:30-48 S '67.

Vol'kova, E. V., and others. [The role of dialectical categories in the study of biological phenomena] Rol' kategorii dialektiki v izuchenii biologicheskikh iavlenii. Minak, 1967. 248 p

100(430)---Germany

Influence of the October Revolution on German philosophical thought. Hermann Ley. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:146-158 '67.

100(431)---German Democratic Republic

Valuable studies of a German Marxist in the field of semiotics. P. D. Puzikov, V. P. Uvarov. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:173-177 '67.

100(44)---France

Marxism and problems of present-day spiritual life. Guy Bessac. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:157-165 '67.

100(474.3)---Latvian S.S.R.

Rapid development of Latvian philosophical studies during the Soviet regime. V. A. Shienberg. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:142-145 '67.

100(477)---Ukrainian S.S.R.

The development of Ukrainian philosophy during the Soviet regime. V. E. Evdokimenko. Vop. filoz. 21 no. 10:76-88 '67.

100(479.25)---Armenian S.S.R.

The development of philosophical ideas in Soviet Armenia. G. G. Aslanian and others. Vop. filoz. 21 no. 12:48-60 '67.

100(497.2)---Bulgaria

History of the struggle for the Leninist phase of Marxist philosophy in Bulgaria. M. D. Bychvarov. Vop. filoz. 21 no. 12:61-70 '67.

100(73)---United States of America

New Marxist literature of the U.S.A. on philosophical problems. I. L. Cherkasov. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:166-172 '67.

METAPHYSICS

Mellukhin, S. T. [General laws of the development of matter] Zakonomenosti razvitiia materii. Moskva, Znanie, 1967. 48 p. (Novoe v zhizni, nauke, tekhnike. XII Seriya. Estestvoznaniie i religiiia, 12)

PHILOSOPHICAL SYSTEMS

An answer to Mr. Ivor Hunt. A. F. Beglashvili. Vop. filoz. 21 no. 12:173-175 '67.

Interpretation of existentialism in present-day bourgeois philosophy. L. P. Mikhailova. Vop. filoz. 21 no. 12:157-166 '67.

Petrov, L. A. [Sociopolitical ideas of Prokopovich, Tatishchev, and Kantemir] Obshchestvenno-politicheskie vzglady Prokopovicha, Tatishcheva i Kantemira. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1969. 57 p. [Irkutsk. Universitet. Trudy, vol. 20, Seriya filosofskaya, no. 3]

Scientific atheistic education of students in the curriculum of human anatomy, physiology and hygiene. A. D. Li. Uch. zap. ped. inst. Gerts. 276:308-316 '65.

PSYCHOLOGY

Apparatus for studying the visual identification of punctate diagrams. Jan Breusek. Vop. psikh. 13 no. 3:164-160 My-Je '67.

The brain and conscious experience. A. R. Luria. Vop. psikh. 13 no. 3:161-167 My-Je '67.

Characteristics of electric cerebral reactions to photic rhythmic stimulations in the paranoid form of schizophrenia. V. G. Puskina. Vop. klin. nevr. i psikh. 6:52-63 '66.

Characteristics of the memory of elderly people engaged in intellectual work. Z. M. Istomina, V. I. Samokhvalova, I. N. Prochazhenskaya. Vop. psikh. 13 no. 3:54-64 My-Je '67.

Clinical and electroencephalographic characteristics of the type of epileptic dementia. G. L. Voronkov, I. D. Shevchuk. Trudy Gos. nauch. -issl. inst. psikh. 47:176-183 '67.

Correlated action of analyzers in the perception of spoken words. V. I. Bol'tukov. Vop. psikh. 13 no. 3:16-28 My-Je '67.

Course of epileptic psychoses. R. G. Glamatulina. Trudy Gos. nauch. -issl. inst. psikh. 47:36-42 '67.

The development of personality in a collective; Symposium No. 35 of the International Psychological Congress. L. I. Bozhovich, L. V. Blagoderzhina. Vop. psikh. 13 no. 3:144-151 My-Je '67.

Dialectic analysis of knowledge assimilation. V. O. Onyshchuk. Rad. shk. 46 no. 8:62-67 Ag '67.

Effect of a single administration of haloperidol on cortical and vegetative functions in healthy persons and chronic schizophrenics. J. Saarna and others. Vop. klin. nevr. i psikh. 6:23-31 '66.

Effect of a single administration of diazepam on cortical and vegetative functions in healthy persons and chronic schizophrenics. J. Saarna, M. Saarna. Vop. klin. nevr. i psikh. 6:15-22 '66.

[Engineering psychology: from the cycle "Discussions of urgent scientific problems"] Inzhenernaya psikhologiya; iz tsikla "Besedy po aktual'nym voprosam nauki." Moskva, Znanie, 1967. 31 p. (Novoe v zhizni, nauke, tekhnike. IV Seriya. Tekhnika, 11)

Epileptic psychoses with the manifestation of the Kandinskii-Clerambault syndrome. I. D. Muratova. Trudy Gos. nauch. -issl. inst. psikh. 47:29-35 '67.

Identification of structures formed by visual punctate stimuli. Ladislav Pozar. Vop. psikh. 13 no. 3:20-40 My-Je '67.

Image and idea of objects of the external world in lower monkeys. A. I. Markova. Vop. psikh. 13 no. 3:99-109 My-Je '67.

In memory of L. S. Vygotskii. Vop. psikh. 13 no. 3:170-185 My-Je '67.

Initiative and creative power. I. Vakurov. Komm. Vooruzh. Sil 48 no. 23:42-48 D '67.

The "Jamala vu" phenomenon in epilepsy. A. A. Makhovskii. Trudy Gos. nauch. -issl. inst. psikh. 47:60-64 '67.

Letters to a father. V. Rashin. Sov. voim 48 no. 18:6-7 S '66.

Man's awareness of his personal relations with other members of his group. I. A. L. Kolominskii. Vop. psikh. 13 no. 3:110-119 My-Je '67.

Mastery of the algebraic method of problem solving by younger school-children. F. G. Bodanskii. Vop. psikh. 13 no. 3:120-134 My-Je '67.

Motor and afferent system of the expression of thoughts and the brain mechanics of thinking. A. N. Sokolov. Vop. psikh. 13 no. 3:41-54 My-Je '67.

Organization of the succession of actions in man. N. A. Rokotova. Vop. psikh. 13 no. 3:65-74 My-Je '67.

A programmed textbook in psychology. M. I. Iaroslavskii, V. O. Solov'ienko. Rad. shk. 45 no. 12:32-35 D '66.

Psychology of juvenile delinquents. G. Bochkareva. Sov. iust. no. 22:15-16 N '67.

Psychopathological structure of the twilight disorders of consciousness in epilepsy. S. F. Semenov. Trudy Gos. nauch. -issl. inst. psikh. 47:20-28 '67.

Psychopathology of chronic progressive forms of tick-borne encephalitis with the hyperkinetic-epilepsy syndrome. V. N. Kluchikov, L. K. Khokhlov. Trudy Gos. nauch. -issl. inst. psikh. 47:72-78 '67.

Psychosyndrome of the right hemisphere of the brain. H. Nurm. Vop. klin. nevr. i psikh. 6:47-51 '66.

Pushkin, V. N. [Euristics, the science of creative thinking] Evristika - nauka o tvorcheskoi myshlenii. Moskva, Politizdat, 1967. 269 p. (Nad chem rabotaiut, o chem sporiat filosofy)

Role of various pathogenic factors in the characteristics of the course of epilepsy in children. N. A. Smirnova. Trudy Gos. nauch. -issl. inst. psikh. 47:353-358 '67.

Structure and dynamics of mental degradation in children with epilepsy as a result of residual manifestations of early organic lesions of the brain. L. A. Vlasovskaya. Trudy Gos. nauch. -issl. inst. psikh. 47:374-379 '67.

Treatment of protracted twilight disorders of the consciousness in epilepsy by means of intravenous administration of amphetamine. A. S. Lopatin. Trudy Gos. nauch. -issl. inst. psikh. 47:318-324 '67.

Typological differences in the development of kinesthetic habits. V. M. Shadrin. Vop. psikh. 13 no. 3:75-86 My-Je '67.

Using the shift of items method in the addition of numbers. A. Lukavskaya, A. M. Gutman. Vop. psikh. 13 no. 3:152-154 My-Je '67.

159.9(477)---Ukrainian S.S.R.

Contribution of Ukrainian psychologists to the development of Soviet psychological theory. G. S. Kostuk. Vop. psikh. 13 no. 3:3-18 My-Je '67.

LOGIC. THEORY OF KNOWLEDGE. REASONING

Dialectical logic in the U.S.S.R. M. N. Alekseev. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:68-78 '67.

Linguistics, logic, and semiotics. A. A. Vetrov. Vop. filoz. 21 no. 12:71-81 '67.

The "origin" of dialectical logic. M. V. Vorob'ev. Vest. LGU 22 no. 17:69-78 S '67.

Present-day problems in dialectical logic. V. A. Lektorski. Vop. filoz. 21 no. 10:106-112 '67.

THEORY OF KNOWLEDGE

Methodological problems of the unity of scientific knowledge. S. T. Melukhin. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:58-67 '67.

SCIENTIFIC SYSTEMATIZATION

Methodological problems of the unity of scientific knowledge. S. T. Melukhin. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:58-67 '67.

ETHICS. MORALS. CONVENTIONS

Along the historical places of their own region. L. Akimenko. Prof. -tekh. obr. 24 no. 10:30 O '67.

Bikritskii, V. [Educational role of the collective] Kollektiv - vospitatel'. Tashkent, "Uzbekistan" 1967. 92 p.

Development of the Marxist theory of ethics in the U.S.S.R. G. A. Gontarev, A. L. Khalkin. Nauch. dokl. vys. shkoly, filoz. nauki 10 no. 5:70-87 '67.

Education in aesthetics and ethics. M. Larionova. Nar. obr. no. 6:60-64 Ag '67.

Inculcating the love of work. E. N. Muzalev. Shkola i prosv. 11 no. 11:41 N '67.

Inculcating the spirit of socialist patriotism in students. Zh. B. Holubkova. Rad. shk. 46 no. 9:50-55 Ag '67.

Military and patriotic education in secondary vocational and technical schools. A. P. Milaev. Sred. spets. obr. 13 no. 11:30-31 N '66.

Patriotic education of schoolchildren. A. D. Soldatenkov. Nach. shkola 35 no. 7:17-20 Ji '67.

The power of attraction. L. Memonova. Mol. komm. no. 10:60-65 '67.

Sketches on communist education (conclusion). V. Sukhomlinskii. Nar. obr. no. 12:40-43 D '67.

Socialism and the moral values of mankind. A. F. Shishkin. Vop. filoz. 21 no. 10:64-75 '67.

Theoretical foundation of developing a sense of duty. Sov. iust. no. 23:2-3 D '67.

The 3d All-Union Conference. V. Vasil'ev. Prof. -tekh. obr. 24 no. 10:30 O '67.

The ties of generations. Prof. -tekh. obr. 24 no. 10:35 O '67.

Toward the glorious anniversary. Nar. obi. no. 6:63-100 Ag '67.

We should train the students for the fulfillment of their sacred duty as defenders of their country. Nar. obr. no. 12:7-8 D '67.

With the fatherland in your heart. Z. Goncharova. Doshk. vosp. 40 no. 11:58-60 '67.

3 SOCIAL SCIENCES ECONOMICS LAW GOVERNMENT MILITARY AND NAVAL SCIENCE. EDUCATION

20 SOCIAL SCIENCES

The October Revolution, social progress, and man. O. G. Oleskaya. Vop. filos. 21 no. 10 158-164 '67.

30(477)—Ukrainian S.S.R.

An anniversary session of the Department of Economics, History, Philosophy, and Law of the Academy of Sciences of the Ukrainian S.S.R. O. V. Molodchikov. Ukr. ist. zhur. 11 no. 11 145-147 '67.

International contacts of Kharkov scholars. O. D. Katrusha. Ukr. ist. zhur. 11 no. 11 158 '67.

30 07 YOUNG PEOPLE

Reshetov, P. N. [Paths and destinies of the youth of the West, a sociological sketch]. Puti i sudby molodezhi Zapada, sotsiologicheskii ocherk. Moskva, Znanie, 1967. 44 p. (Novos v zhizni, nauka, tekhnika. X Seriya Molodezhnaya, 16)

300 1 MARXISM-LENINISM

[Economic theory of Marx and Lenin and modern capitalism] Ekonomicheskaya teoriya Marksa - Lenina i sovremennyy kapitalizm. Moskva, Mysl', 1967. 408 p. The October Socialist Revolution and Marxist-Leninist philosophy. F. V. Konstantinov. Vop. filos. 21 no. 10 15-28 '67.

Triumph of the ideas of the October Revolution and the bankruptcy of the bourgeois conceptions of a "synthesis" of capitalism and socialism. V. S. Semenov. Nauch. dokl. v shkoly filos. nauki 10 no. 5 88-99 '67.

300 1(73)—United States of America

Marxist philosophy and certain aspects of political life in the U.S.A. John Somerville. Vop. filos. 21 no. 10 145-142 '67.

300 11 MARX AND ENGELS, THEIR WORKS

The centennial of K. Marx's "Capital." M. I. Koshlunov. otn. no. 12 89-100 '67.

The greatest piece of work in political economy. A. Rudol'. Plan. khoz. 44 no. 12 45-54 '67. An inaccuracy in a Russian translation of a work by K. Marx. A. V. Gulvga. Vop. filos. 21 no. 12 171-172 '67.

K. Marx, the originator of a true science of the state and law. V. Chkhikvadze. Sov. iust. no. 136-9 Ja '68. Sessions devoted to the centenary of K. Marx's "Das Kapital." V. B. V. V. Kravchenko. Ukr. ist. zhur. 11 no. 11 152-153 '67.

300 12 LENIN, HIS WORKS

Leningradskii gosudarstvennyi universitet. [Lenin's theory of imperialism and modern capitalism, materials of a conference of the Department of Economics of Modern Capitalism (Leningrad, February, 1967)] Leningradskaya teoriya imperializma i sovremennyy kapitalizm, materialy nauchnoi konferentsii katedry ekonomiki sovremennogo kapitalizma (Leningrad, fevral' 1967 goda) [Leningrad] Izd-vo Leningr. univ. 1967. 102 p.

Revealing the achieved. V. I. Lenin's article "The party organization and party literature" and some problems of journalistic writings. A. F. Bereznoi. Opublits. no. 2 34-44 '66.

V. I. Lenin and the problems of materialistic dialectics. V. P. Rozlan. Vest. LGU 22 no. 17 39-46 '67.

300 2 HISTORY AND DEVELOPMENT OF MARXISM-LENINISM

History of the struggle of K. Marx and F. Engels for efficient proletarian internationalism in the labor movement. N. F. Shitov. Uch. zap. kaf. ist. KPSS no. 6 3-41 '67.

Leninism and philosophical traditions in the postrevolutionary period. M. T. Iovchuk. Nauch. dokl. vys. shkoly, filos. nauki 10 no. 5 44-57 '67.

Philosophical discussions of the 1920's and early 1930's in the U.S.S.R. A. V. Shcheglov. Nauch. dokl. vys. shkoly, filos. nauki 10 no. 5 110-118 '67.

Some characteristics of Marxist philosophy in the U.S.S.R. and the general laws of its development. G. S. Vasetskiy, L. F. Kuz'min. Nauch. dokl. vys. shkoly, filos. nauki 10 no. 5 34-43 '67.

300 3 HISTORICAL MATERIALISM

Development of sociological studies in the U.S.S.R. in the 1920's. B. A. Chagin. Nauch. dokl. vys. shkoly, filos. nauki 10 no. 5 100-109 '67.

Some trends in the development of historical materialism. V. Zh. Kelle. Vop. filos. 21 no. 10 89-98 '67.

300 44 THEORY AND TACTICS OF REVOLUTION

Lenin, V. I. [Current problems facing the Soviet regime] Ocherednye zadachi sovetskoi vlasti. Moskva, Sov. Rossiya, 1967. 179 p. [Problems of theory and life] Voprosy teorii i zhizni; sbornik statei. Moskva, Pravda, 1967. 278 p.

Revolutions and political power. N. M. F. ... LGU 22 no. 17 40-68 '67.

Scientific meetings and conferences. ... Ist. no. 6 174-178 N-D '67.

V. I. Lenin on the universal and historical ... of the Great October Socialist Revolution. ... Nov. i novizh. ist. no. 6 71-86 '67.

300 45 DICTATORSHIP OF THE PROLETARIAT

K. Marx, the originator of a true science of the state and law. V. Chkhikvadze. Sov. iust. no. 136-9 Ja '68. Stages in the development of the concept of the dictatorship of the proletariat. I. V. Chelobov. ... 53 9-10 '67.

300 46 SOCIALISM AND COMMUNISM

Address to the people and all workers of the ... Soviet Socialist Republic. Nauch. dokl. ... no. 12 3-7 '67.

Antonian, M. O. [Correlation between objective and subjective factors under socialism] ... ob'ektivnykh uslovii i sub'ektivnykh faktorov ... sotsializma. Erevan, Izd-vo Akad. nauk Arm. SSR, 1967. 230 p.

Capitalism and morality. ... no. 50 18-20 '67.

Complete and final victory. V. P. ... no. 10 86-76 '67.

[Economic problems of the building of communism] Ekonomicheskoe problema stroitel'stva ... [Leningrad] Izd-vo Leningr. univ. 1967. 240 p.

Great historical exploit of the Soviet people. ... 12 no. 11 3-11 '67.

The great, the really national revolution. ... Komm. Ukr. 12 no. 11 36-41 '67.

Group material self-interest in the system of categories of socialism. A. K. ... Kaf. obshchestv. nauk v. 11 no. 11 97-108 '67.

Incentives for labor under socialism. I. A. ... Rushnyskiy. Uch. zap. kaf. obshchestv. nauk ... Len., Polit. ekon. no. 8 85-96 '67.

Laws of the development of socialism. A. ... Nov. vsem. 25 no. 5 2 8-11 '67.

Lenin's principle of the unity of theory and practice in the building of communism. G. G. ...unist 41 no. 10 46-57 '67.

Literature for schools of party education. ... Knizh. tozh. 18 no. 8 1-5 '67.

The moving force of historical progress. ... Mol. komm. no. 10 76-83 '67.

The Moscow International Conference. ... no. 50 1-2 '67.

The October Revolution and the world revolutionary process. Nov. vsem. 25 no. 50 1-10 '67.

The sensation of the century. Mol. komm. ... '67.

Socialism and labor. Sots. trad. 12 no. 10 1-11 '67.

Socialism and the new incentives for labor. ... Sots. trad. 12 no. 11 53-62 '67.

To new achievements. Kommunist 31 no. 17 '67.

To the Soviet people, to all workers of the U.S.S.R. Komm. Ukr. 42 no. 12 3-6 '67.

[Victory of socialism and the building of communism in the U.S.S.R. are the triumph of Marxism-Leninism] ... rials of a theoretical conference. Pobeda sotsializma i stroitel'stvo kommunizma v SSSR - triumf marksizma-leninizma; materialy teoreticheskoi konferentsii. Moskva, 1967. 88 p.

300 46(44)—France

Marxism and problems of present-day socialism. Guy Basse. Nauch. dokl. vys. shkoly, filos. nauki no. 5 157-165 '67.

300 46(8)—South America

Ideas that have taken deep roots in Latin America. Luis Padilla. Vsem. prof. dvizh. no. 7 9-12 '67.

300 46 ROLES OF THE COMMUNIST PARTY

[Problems of theory and life] Voprosy teorii i zhizni; sbornik statei. Moskva, Pravda, 1967. 278 p.

300 46(471.313)—Ryazan Province

Grishin, K. N. [Party organizations and the economy of collective farms] Partinye organizatsii i kolekhozov. [Moskva] Mosk. rabochi, 1967. 71 p.

300 46(477)—Ukrainian S.S.R.

The 8th Congress of the Party and efforts of the Ukrainian Bolsheviks to carry out internationalism. Kolisher. Ukr. ist. zhur. 11 no. 7 10-20 '67.

300 51 COMMUNIST DEMOCRACY

Our general line leads to socialism, democracy, national freedom, and peace. A. Denisov. Sov. iust. no. 14 5 Ja '68.

Soviets as the organs of democracy. V. T. ... Rad. pravo 30 no. 12 30-35 '67.

300 58 TRANSITION FROM SOCIALISM TO COMMUNISM

Soskin, S. N. [Overcoming differences between socio-economic conditions, cultural level, and standard of living of urban and rural areas during the building of communism]. O preodolenii sotsial'no-ekonomicheskikh i kul'turno-bytovykh razlichii mezhdu gorodom i derevnio v period stroitel'stva kommunizma. Alma-Ata, "Kazakhstan," 1967 220 p

300.58 GLOBAL COMMUNIST SYSTEM

Grand display of proletarian internationalism. I. Melnikova. Komm. Ukr. 42 no. 11 69-77 N '67
The Great October Revolution and socioeconomic development of new countries. V. Tiagunenko. Komm. Ukr. 42 no. 11 78-86 N '67
The Great October Revolution and world history. E. Ambartsuman. V. mite knig 7 no. 9-10 '67
Great strength of the ideas of the October Revolution. A. Nivolskii. Knuzh. toig 18 no. 8-9 Ag '67
Inspirational influence of the victorious October Revolution. Akira Iwai. Vsem. prof. dvizh. no. 7 15-16 O '67
The October Revolution and the destinies of mankind. Vop. filos. 21 no. 10-14 '67
The October Revolution and the world historical process. IU P. Frantsev. Vop. filos. 21 no. 10-20-40 '67
Remarkable embodiment of the ideas of the October Revolution. V. Simchera. Vop. ekon. no. 12 145-147 D '67

300 582 COMMUNISM OUTSIDE THE SOVIET UNION

At the roots of friendship. Dikhi Salomaa. Vsem. prof. dvizh. no. 7 36-37 O '67
A conference on the international role of the Great October Socialist Revolution. L. A. Gibianskii. Sov. slav. no. 4 126-130 Ji-Ag '67
Confidence and enthusiasm. Georges Seguy. Vsem. prof. dvizh. no. 7 19-20 O '67
I remember... Pierre Delon, Adolf Deter. Vsem. prof. dvizh. no. 7 43 O '67
Immense and everlasting gratitude. Raymond Latin. Vsem. prof. dvizh. no. 7 37 O '67
Marxist historians on the international role of the Great October Socialist Revolution. V. I. Miller, T. P. Blinova. Ist. SSSR no. 5 243-246 S-O '67
October, and the class struggle in the developed capitalist countries. V. Liubimova. Mir. ekon. i mezhdunar. otn. no. 12 14-25 '67

300.582(430)—Germany

The February and October revolutions and the labor movement in Mecklenburg-Schwerin in 1917-1918. Heinz Meiritz. Ist. SSSR no. 5 240-252 S-O '67

300 582(437)—Czechoslovakia

Soviet Russia and the Slovak Soviet Republic. Z. Hovoni. Ist. SSSR no. 5 252-254 S-O '67

300 582(438)—Poland

Influence of the Great October Socialist Revolution on the Polish labor movement, 1917-1919. Ikonik Malinowski. Sov. slav. no. 4 17-30 Ji-Ag '67

300.582(44)—France

The Soviet theme in the journalistic writings of the Popular Front. V. S. Sokolov. O publikatsii i publikatsii. no. 2 143-167 '66

300 582(497.1)—Yugoslavia

The October Revolution and the peoples of Yugoslavia. Nikola Petrovic. Sov. slav. no. 4 31-43 Ji-Ag '67

300 582(497.2)—Bulgaria

Bulgarian workers' struggle for the defense of Soviet Russia. A. Avramov, D. Stolanov. Ist. SSSR no. 5 226-230 S-O '67

The Great October Socialist Revolution and the Bulgarian labor movement, 1917-1944. Khristo Khristov. Sov. slav. no. 4 3-16 Ji-Ag '67

300 582(5)—Asia

Khelifets, A. N. [The October Revolution and the national liberation movement of the peoples of the Orient]. Oktjabr' i natsional'no-osvoboditel'noe dvizhenie narodov Vostoka. Moskva, Znanie, 1967, 31 p. (Novoe v zhizni, nauke, tekhnike. VII Seriya. Mezhdunarodnaya, 19)

300 582(8)—South America

The Great October Revolution and the peoples of Latin America. S. A. Gonionskii. Sov. etn. no. 5 105-117 S-O '67

300 583(73)—United States of America

Marxist philosophy and certain aspects of political life in the U. S. A. John Somerville. Vop. filos. 21 no. 10 135-142 '67

301 SOCIOLOGY

An all-Union conference of sociologists. IU, B. Samsonov. Vop. filos. 21 no. 10-164-172 '67
Concrete sociological research in party work. V. A. Smirnov. Vop. ist. KPSS 12 no. 1 80-87 Ja '68

297-541 O-68-10

Development of sociological studies in the U. S. S. R. in the 1920's. B. A. Chagin. Nauch. dokl. vuz. shkoly, filos. nauki 10 no. 5 100-105 '67

The Great October Revolution and the development of sociology. Jan Szczepanski. Vop. filos. 21 no. 10 99-105 '67

Historiographical significance of sociopolitical writings. A. V. Sinitsevych. Ukr. ist. zhur. 11 no. 11:47-55 N '67

Social development of the production collective. G. Renne. Sots. trad. 12 no. 11:132-138 N '67

31 STATISTICS

Organization of the processing of economic information on electronic digital computers, and the problems of statistics. I. V. Sipovskaya. Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Polit. ekon. no. 8-9-10 '67

Study the state farm economies deeper. K. Pankova. Vest. stat. no. 12-3-10 '67

Trade of the U. S. S. R. Vest. stat. no. 12-77-80 '67

31(437)—Czechoslovakia

State Statistical Administration of Czechoslovakia and its tasks. J. Kazimout. Vest. stat. no. 12 24-29 '67

31(471 312)—Tula Province

[Economy of Tula Province, a statistical abstract]. Narodnoe khozai'stvo Tul'skoi oblasti; statisticheskiy sbornik. Tula, Plokskoe knizhnoe izd-vo, 1967, 386 p

31(471.41)—Tatar A. S. S. R.

[National economy of the Tatar A. S. S. R.; a statistical abstract]. Narodnoe khozai'stvo Tatarskoi ASSR; statisticheskiy sbornik. Kazan', Statistika, 1966 285 p.

31(471.55)—Chelyabinsk Province

[National economy of Chelyabinsk Province; a statistical abstract]. Narodnoe khozai'stvo Cheljabinskoi oblasti; statisticheskiy sbornik. Cheljabinsk, Statistika, 1967, 429 p

31(477)—Ukrainian S. S. R.

Put economic work in the center of attention. V. Cherniavskii. Vest. stat. no. 12 41-46 '67

Work of the Expertise Council of the Central Statistical Administration of the Ukrainian S. S. R. V. Burlin. Vest. stat. no. 12 71-72 '67

31(479 22)—Georgian S. S. R.

[Soviet Georgia on the 50th anniversary of the Great October Socialist Revolution]. Sovetskaya Gruzia k 50-letiu Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii. Tbilisi, Statistika, 1967 327 p.

31(540)—India

Regional characteristics of the employment of the Indian population in the various branches of industry. V. G. Bylov. Vest. Mosk. un. Ser. 5 Geog. 22 no. 1 73-70 Ji-Ag '67

31(581)—Afghanistan

Lobaqhev, A. I. [Rural population and agriculture of Afghanistan in figures]. Sel'skoe naselenie i sel'skoe khozai'stvo Afganistana v tsifrakh. Moskva, Nauka, 1967 93 p

311 STATISTICAL THEORY AND METHODS

Statistics in the U. S. S. R. after the Great October Socialist Revolution. I. V. Sipovskaya. Vest. LGU 22 no. 17 10-32 S '67

Terlizhenko, I. N. [Correlative analysis of production costs on collective farms]. Korrelatsionnyi analiz sebestoimosti produktov v kollektivakh. Minsk, Urozhai, 1967, 113 p

312 DEMOGRAPHY. VITAL STATISTICS

Method of studying the marriage rate and fertility. R. Sifman, L. Darskii, G. Bondarskaya. Vest. stat. no. 12-11-23 '67

Methods for comparing the indicators of intranational and mixed marriages. IU. I. Pershits. Sov. etn. no. 4-129-136 Ji-Ag '67

Number and structure of the rural population of the U. S. S. R. during the last 50 years. M. A. Vyitsan. Ist. SSSR no. 6 43-63 N-D '67

312(471.54)—Sverdlovsk Province

Some characteristics of the distribution of the rural population in the southeastern part of Sverdlovsk Province. V. G. Chudinov. Uch. zap. Sver. gos. ped. inst. no. 37 94-110 '66

312(471.632)—Karachay-Cherkess Autonomous Province

Mixed marriages among the peoples of the Karachay-Cherkess Autonomous Province. IA. S. Smirnova. Sov. etn. no. 4 137-142 Ji-Ag '67

312(571)—Asiatic R. S. F. S. R.

Medico-geographical study of the population process in the Obi Valley. I. A. Gilebovich, V. I. Chudinova. Dokl. Inst. geog. Sib. i Dal' Vost. no. 13 42-47 '66

312(575.1)—Uzbek S. S. R.

On more denatation of bourgeois demographers. R. Shadiev. Ekon. i zhizn' no. 7 56 '67

Studying the population and populated places in the mountain regions of Uzbekistan. M. Karakhanov. Izv. Uzb. geog. ob-va 8-47-51 '64

313 STATISTICS OF MORBIDITY, DISABILITY, ETC

Determination of the number of epileptics in the population and the organization of their treatment. A. L. Leshchinskii. Trudy Gos. nauch.-issl. inst. psikh. 47 480-484 '67

Statistical data on patients with initial forms of epilepsy. A. I. Boltyrev. Trudy Gos. nauch.-issl. inst. psikh. 47 417-428 '67

32 POLITICAL SCIENCE. POLITICS. CURRENT AFFAIRS

Discussion of the new study on the Soviet socialist state. V. Sidorov. Sov. gos. i pravo no. 12 131-135 D '67

Petrov, L. A. [Philosophical ideas of Prokopovich, T. A. Tishchev, and Kantemir]. Filosofskie vzglady Prokopovicha, Tishcheva i Kantemira. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1957, 87 p. [Irkutsk, Universitet. Trudy, vol. 20, Seriya filosofskaya, no. 1]

The Political Publishing House in 1968. F. Veinberg. Knizh. toig. 18 no. 12:9-11 D '67

Revolutions and political power. N. M. Keizerov. Vest. LGU 22 no. 11 56-60 S '67

321 THE STATE AND SOCIETY

The 50th anniversary of V. I. Lenin's work "The state and the revolution." A. I. Chumakov. Izv. vuz. ucheb. zav., prav. no. 5 54-61 S-O '67

For those who study the Marxist theory of the state and law. Sots. zakon. no. 8-68-70 Ag '67

Improving the welfare of the people in the uppermost concern of the party and state. S. Gulin. Sots. trad. 12 no. 11:20-38 N '67

Stages in the development of the socialist state. N. V. Chernogolovkin. Izv. vuz. ucheb. zav.; prav. no. 5 46-53 S-O '67

A state born of the October Revolution. N. Farberov. Sov. iust. no. 18 2-4 S '67

321(4/9 104)—Capitalist countries of the world

Danilova, L. N. [Anticommunist nature of the "open society" theory]. Antikommunisticheskaia sushchnost' teorii "otkrytogo obshchestva." Moskva, Znanie, 1967, 40 p. (Novoe v zhizni, nauke, tekhnika. II Seriya. Filosofia, 10)

321(477)—Ukrainian S. S. R.

Participation of Ukrainian workers in government, 1916-1956. I. H. Hozhek. Ukr. ist. zhur. 11 no. 8 100-103 Ag '67

323 INTERNAL POLITICS

Invincible strength of Lenin's alliance of the working class with the peasantry. B. Kovalevskii. Komm. Ukr. 42 no. 11 13-54 N '67

Lenin, V. I. [Current problems facing the Soviet regime]. Ocherchye zadachi sovetskoi vlasti. Moskva, Sov. Rossiia, 1967, 170 p.

The mighty strength of the Communist bloc and non-party members, on the 30th anniversary of the first elections to the Supreme Soviet of the U. S. S. R. M. Gutin. Komm. Vostok. Sib. 40 no. 23 32-36 D '67

323(433)—Federated Republic of Germany

Emergency laws: the last round. Gosta von Ueckell. Nov. vrem. 25 no. 3-11-12 Ja '68

Escalation of neo-fascism. V. Mikhailov. Mezhdunar. zhizn' 15 no. 1-62-68 Ja '68

The political mechanism of the Federal Republic of Germany, and the associations of businessmen. R. Fedorov. Mir. ekon. i mezhdunar. otn. no. 12 67-70 '67

Year of "the great coalition." IU, Irzhevskii. Mezhdunar. zhizn' 15 no. 1 12-21 Ja '68

323(437)—Czechoslovakia

On approach in the problems of ideology. F. Havlicek. Nov. vrem. 25 no. 50-11-14 D '67

323(45)—Italy

The political issues in Italy. S. Dorofeev. Nov. vrem. 25 no. 50-15-17 D '67

323(480)—Finland

At the roots of friendship. Dikhi Salomaa. Vsem. prof. dvizh. no. 7-36-37 O '67

Some problems relating to the ethnic development of the people of the U.S.S.R. I. S. Gurvich. Sov. etn. no. 5 12-77 S-O '67

The source of the strength of the Soviet Union. P. Kozyn. Komm. Ukr. 42 no. 12 77-80 D '67.

Soviet experience in the solution of the nationalities problem and its international significance. M. S. Zhanusov. Ist. SSSR no. 6 16-43 N-D '67

Strong as a diamond. Komm. Ukr. 42 no. 12 72-74 D '67.

A united family of the Soviet peoples. A. M. Dedukhin. Vych. shkola 35 no. 10 17-21 O '67

323 15(471 1)—Northern R. S. F. S. R.

Socialist development of the small peoples of the North during the 20 years of Soviet rule. I. S. Vdovin. Sov. etn. no. 5 78-91 S-O '67

323 15(471 4)—Central and Lower Volga regions

Participation of colonists in the Pugachev Rebellion in the Volga Valley. V. V. Mavrodin. Trudy LOH AN SSSR no. 9 400-413 '67

323 15(471 63)—Kalmyk A. S. S. R.

Nominkhany, D. T. S. D. [In a united family] V. edinol sem'e. Elista, Kalmytskoe knizhnoe izd-vo, 1967 105 p

323 15(479 25)—Armenian S. S. R.

Our banner is internationalism. L. Garibdzhanian. Komm. Ukr. 42 no. 12 82-83 D '67

323 15(55)—Iran

Present-day nationalities processes in Iran. M. S. Ivanov. Sov. etn. no. 5 118-132 S-O '67

323 15(567)—Iraq

The Arabs and the Kurds. D. Vol'skii. Nov. vrem. 25 no. 3 13-14 Ja '68

323 15(571 6)—Soviet Far East

The party's measures for the creation of the national intelligentsia in the extreme northeastern regions of the U.S.S.R. V. G. Balitskii. Trudy SVKNI no. 17 124-136 '67.

323 15(571 65)—Magadan Province

Transition to a settled life and the enlargement of settlements among the small nationalities of the northeastern regions of the U.S.S.R. I. S. Garusov. Trudy SVKNI no. 17 116-124 '67.

323 15(571 651)—Chukchi National District

Principal phases of socioeconomic reforms among the nationalities of the Chukchi Peninsula. M. I. Kulikov. Trudy SVKNI no. 17 111-115 '67.

323 15(931)—New Zealand

Malakhovskii, K. V. [A three times discovered land] Trizhdy otkrytaia zemlia. Moskva, Nauka, 1967. 71 p.

323 2 POLITICAL ACTION, AGITATION AND STRIFE

The Boris Savinkov case. V. V. Korovin, E. P. Rusanov. Ist. SSSR no. 6 143-155 N-D '67.

A government career. Z. Kurikova. Mol. komm. no. 10 20-25 '67.

Leon'eva, T. K. [Stories about Communists] Rasskazy o kommunistakh. Moskva, Sov. Rossiia, 1967. 294 p

Pages of militant youth. F. Minailenko. Komm. Ukr. 42 no. 11 55-61 N '67

These friends. Zh. Aronova. Mol. komm. no. 10 30-38 '67

Worker's pride. N. Miroshnichenko. Komm. Ukr. 42 no. 11 61-66 N '67

323 2(438)—Poland

Influence of the Great October Socialist Revolution on the Polish labor movement, 1917-1919. Henryk Malinowski. Sov. slav. no. 4 17-30 Ji-Ag '67.

323 2(477)—Ukrainian S. S. R.

Experience of party organizations of the Donets Basin in mass political work among steelworkers, 1959-1961. I. N. Bakanov. Nauk. pratsi z ist. KPSS no. 8 119-127 '66.

Some problems concerning the mass political work of Ukrainian party organizations in rural areas, 1958-1961. IE IA Bespakko. Ukr. ist. zhur. II no. 8 38-44 Ag '67.

323 2(497.1)—Yugoslavia

The October Revolution and the peoples of Yugoslavia. Nikola Petrovic. Sov. slav. no. 4 31-43 Ji-Ag '67.

323 2(497.2)—Bulgaria

The Great October Socialist Revolution and the Bulgarian labor movement, 1917-1944. Khristo Khristov. Sov. slav. no. 4 3-16 Ji-Ag '67.

323 2(8)—South America

The Great October Revolution and the peoples of Latin America. S. A. Gontonskii. Sov. etn. no. 5 17-19 S-O '67.

323 3 SOCIAL STRATA (INCOME) GROUPS AND CLASSES

Barsukov, N. A., and I. N. Tulin. [Social structure of CPSU] Sotsial'naiia baza KPSS. Moskva, Vych. shkola 63 p (Novoe v zhizni, nauka, tekhnika. Istoriia i politika KPSS, 8)

Changes in the social nature of peasantry in the U.S.S.R. P. I. Shumilov. Vop. filoz. 21 no. 12 3-14 '67

In the footsteps of October. Salikh (Chatterjee). Ist. prof. divizi. no. 7 33-34 O '67.

Invincible strength of Lenin's alliance of the working class with the peasantry. B. Kovalevskii. Ist. SSSR no. 11 45-51 N '67

Number and structure of the rural population of the U.S.S.R. during the last 50 years. N. A. Voznesenskii. Ist. SSSR no. 6 43-64 N-D '67.

The October Revolution and peasantry. I. T. Tikhonov. Komm. Ukr. 42 no. 12 11 51-52 '67

Origin of the idiom "avos!" in peasant documents of the 15th and early 16th century. I. A. Golubinskii. Trudy LOH AN SSSR no. 9 85-97 '67.

Soviet experience in the transformation of the social structure of society. V. S. Semenov. Vop. filoz. 21 no. 10 53-63 '67.

Spiritual life of the rural toilers. A. P. Ponomarev. Vych. shkola 35 no. 2 1-16-52 D '67

323 3(4/9.104)—Capitalist countries of the world

The Great October Revolution and socioeconomic development of new countries. V. Taganovskii. Komm. Ukr. 42 no. 11 78-80 N '67.

323 3(4)—Europe

"Transformation" or the impoverishment of the peasantry? B. Kuznetsov. Mli. ekon. i mezhdunar. otn. 101-104 '67.

323 3(476)—White Russian S. S. R.

Formation and development of the socialist working class of the White Russian S. S. R., 1921-1944. B. V. Shlopak. Ist. SSSR no. 6 64-70 N-D '67.

323 3(477)—Ukrainian S. S. R.

A conference on the problem "History of the laboring classes of the Ukrainian S. S. R. in the epoch of socialism." I. IA. Omelchenko. Ist. SSSR no. 6 121-124 N-D '67.

323 3(574)—Kazakh S. S. R.

Problem of the development of interethnic relations in Kazakhstan. G. M. Baltabaev. Vost. AN Kazakh. 23 no. 7 14-20 Ji '67.

323 3(73)—United States of America

Two civilizations. III. Zhukov. Kommunist 44 no. 14 103-113 D '67.

323 33 FARM WORKERS (LABORERS)

My road. K. A. Borin. Shkola i proizv. 11 no. 11 10-18 N '67.

324(73)—United States of America

Pre-election combinations in the United States. V. Eroshkov. Nov. vrem. 26 no. 2 15-17 Ja '68

325 MIGRATION, COLONIZATION, COLONIAL POLICY

An interuniversity conference on the problems of intermigration. S. A. Kovnlov. Vost. Mosk. un. Ser. 3 no. 22 no. 6 115-116 N-D '67.

325(41)—United Kingdom and Northern Ireland

Crisis of British neocolonialism. R. Palmo Dutt. Mezhdunar. zhizn' 15 no. 1 22-30 Ja '68.

326 SLAVERY, SERFDOM

Social structure of bond servants in the late 16th century. V. M. Panelakh. Trudy LOH AN SSSR no. 6 172-175 '67.

Unpaid work of serfs at the potash enterprises of Belarus. B. I. Morozov, D. I. Petrikov. Trudy LOH AN SSSR no. 9 239-249 '67.

326(471.1)—Northern R. S. F. S. R.

History of the establishment of serfdom in Northern Russia; based on materials of the Antonovskii Monastery in the Suya Valley. G. N. Oboznenov. Trudy LOH AN SSSR no. 9 333-337 '67.

326(471.2)—Northwestern R.S.F.S.R.

Efforts of peasants to change the forms of feudal rent in the Staraya Russa region during the first 30 years of the 18th century. L. N. Semenov, Trudy LOI AN SSSR no. 9 356-369 '67

326(471.4)—Central and Lower Volga regions

Fugitive serfs of the central Volga Valley in the middle of the 18th century. T. P. Bondarevskaya, Trudy LOI AN SSSR no. 9 365-399 '67

327 INTERNATIONAL AND FOREIGN AFFAIRS

American historians and sociopolitical writers on the "cold war." S. I. Viskov, Nov. i noveish. ist. no. 6 114-122 N-D '67

Arms and men. Iurii Zhukov, Nov. vrem. 25 no. 2 11-14 Ja '68.

As our foreign contemporaries see us. Ist. SSSR no. 6 210-222 N-D '67.

Basic stages of the foreign policy of the Soviet Union. Mezhdunar. zhizn' 15 no. 1 74-80 Ja '68

Ideological diversion against the Soviet policy of friendship and cooperation with the new independent states. D. M. Filipenko, Ukr. ist. zhur. 11 no. 7 30-39 Ji '67.

In the notebooks of propagandists. Mezhdunar. zhizn' 15 no. 1 159 Ja '68.

International notes. Nov. vrem. 25 no. 1 25-26 Ja '68.

International notes. Nov. vrem. 25 no. 2 26-27 Ja '68.

International notes. Nov. vrem. 25 no. 3 27-28 Ja '68.

International notes. Nov. vrem. 25 no. 50 34-35 D '67.

International notes. Nov. vrem. 25 no. 52 25-26 D '67.

An Iranian diplomat tells about his meetings with Lenin. Nov. vrem. 25 no. 3 5-6 Ja '68.

Letters to the editor. Nov. vrem. 25 no. 1 10 Ja '68.

Letters to the editor. Nov. vrem. 25 no. 2 20 Ja '68.

Letters to the editor. Nov. vrem. 25 no. 3 16 Ja '68.

Letters to the editor. Nov. vrem. 25 no. 50 14, 38 D '67.

Letters to the editor. Nov. vrem. 25 no. 52 7 D '67.

New possibilities in the struggle against imperialism. Gus Hall, Kommunist 44 no. 1 93-104 Ja '68

1968. Nov. vrem. 25 no. 1 1-2 Ja '68.

The outgoing year. Nov. vrem. 25 no. 52 1-2 D '67.

Some problems in the history of international relations on the eve of the Second World War. Z. S. Belousova, Nov. i noveish. ist. no. 6 123-128 N-D '67.

Studies devoted to the foreign policy of the U.S.S.R. during the last 50 years. A. E. Ioffe, Nov. i noveish. ist. no. 6 100-113 N-D '67.

World events. Nov. vrem. 25 no. 1 32 Ja '68.

World events. Nov. vrem. 25 no. 2 32 Ja '68.

World events. Nov. vrem. 25 no. 3 32 Ja '68.

World events. Nov. vrem. 25 no. 50 40 D '67.

World events. Nov. vrem. 25 no. 52 34 D '67.

327(61)—New States

Ideological diversion against the Soviet policy of friendship and cooperation with the new independent states. D. M. Filipenko, Ukr. ist. zhur. 11 no. 7 30-39 Ji '67.

Nikhamin, V. P. [Diplomacy of developing countries] Diplomatiia razvivaiushchikhsia stran. Moskva, Znaniye, 1967. 46 p. (Novoe v zhizni, nauka, tekhnika. VII Seriya: Mezhdunarodnaya, 21)

327(4/9.103)—Communist countries of the World

Meeting of the ministers in Warsaw. I. Trofimova, Nov. vrem. 25 no. 1 11 Ja '68.

327(41)—United Kingdom and Northern Ireland

"The People's Russian Information Bureau." Andrew Rothstein, Ist. SSSR no. 5 216-226 S-O '67

Policy of English imperialism toward giving Serbia an outlet to the Adriatic Sea, 1912-1913. V. V. Zaitsev, Ukr. ist. zhur. 11 no. 8 106-108 Ag '67

327(431)—German Democratic Republic

Red October and the FDGB (Confederation of Free German Trade Unions). Herbert Warnke, Veem. prof. dvizh. no. 7 17-19 O '67.

327(433)—Federated Republic of Germany

The Bergedorf discussions. Nov. vrem. 25 no. 52 19-20 D '67.

327(437)—Czechoslovakia

Eternal friendship. J. Lenart, Mezhdunar. zhizn' 15 no. 1 3-11 Ja '68.

The Great October Socialist Revolution and the establishment of Czechoslovakia. Zdenek Solle, Sov. slav. no. 4 44-57 Ji-Ag '67.

"Rude Pravo" on Czech foreign policy. Nov. vrem. 25 no. 3 10 Ja '68.

327(44)—France

French progressive historians and public leaders on the struggle of the U.S.S.R. for peace and on Franco-Soviet relations. A. E. Ioffe, Ist. SSSR no. 5 205-216 S-O '67

327(468.2)—Gibraltar

At the pillars of Heracles. V. Katin, Nov. vrem. 25 no. 50 36-38 D '67.

327(47)—Union of Soviet Socialist Republics (U.S.S.R.)

The Bergedorf discussions. Nov. vrem. 25 no. 52 19-20 D '67.

Diplomacy of the new world. Nov. vrem. 25 no. 52 5-7 D '67.

French progressive historians and public leaders on the struggle of the U.S.S.R. for peace and on Franco-Soviet relations. A. E. Ioffe, Ist. SSSR no. 5 205-216 S-O '67

Red October and the FDGB (Confederation of Free German Trade Unions). Herbert Warnke, Veem. prof. dvizh. no. 7 17-19 O '67

The Soviet state's struggle against aggression and the propaganda of war. P. Romashkin, Sov. iust. no. 23 3-4 D '67.

Soviet-Turkish relations in 1960-1966. I. F. Chernikov, Ukr. ist. zhur. 11 no. 8 92-90 Ag '67

Vasil'ev, A. K., and I. D. Komissarov. [The triumph of friendship born of the October Revolution; the Soviet Union and Finland] Torzhestvo družby, rozhdennoi Oktjabrem, Sovetskii Soluz - Finlandiia. Moskva, Znaniye, 1967. 31 p. (Novoe v zhizni, nauka, tekhnika. VII Seriya: Mezhdunarodnaya, 28)

327(477)—Ukrainian S.S.R.

The Soviet Ukraine on the international arena. D. Belokoles. Komm. Ukr. 42 no. 12 62-69 D '67.

The Ukraine in the struggle for the Leninist ideas of peace. K. Zabihalo, Rad. pravo 30 no. 12 25-29 D '67.

327(480)—Finland

The Soviet Union and Finland; an interview with Ahti Karjalainen, Minister of Foreign Affairs. Mezhdunar. zhizn' 15 no. 1 81-83 Ja '68.

Vasil'ev, A. K., and I. D. Komissarov. [The triumph of friendship born of the October Revolution; the Soviet Union and Finland] Torzhestvo družby, rozhdennoi Oktjabrem, Sovetskii Soluz - Finlandiia. Moskva, Znaniye, 1967. 31 p. (Novoe v zhizni, nauka, tekhnika. VII Seriya: Mezhdunarodnaya, 28)

327(51)—China

Zhukov, V. G. [Where does the policy of Mao lead?] Kuda vedet politika Mao. Moskva, IMO, 1967. 55 p

327(52)—Japan

Passive balance of Sato's voyage. L. Nikolaev, Mezhdunar. zhizn' 15 no. 1 123-121 Ja '68.

327(530)—Arab countries as a bloc

Meeting of the ministers in Warsaw. I. Trofimova, Nov. vrem. 25 no. 1 11 Ja '68.

Provocations of Tel Aviv. M. Kremnev, Nov. vrem. 25 no. 3 15-16 Ja '68.

327(55)—Iran

An Iranian diplomat tells about his meetings with Lenin. Nov. vrem. 25 no. 3 5-6 Ja '68.

327(560)—Turkey

Soviet-Turkish relations in 1960-1966. I. F. Chernikov, Ukr. ist. zhur. 11 no. 8 92-90 Ag '67.

327(564.3)—Cyprus

The Cyprus settlement. Nov. vrem. 25 no. 50 24-25 D '67.

327(589.4)—Israel

Provocations of Tel Aviv. M. Kremnev, Nov. vrem. 25 no. 3 15-16 Ja '68.

Savtaov, V. A. [A military adventure of the doomed] Avantiura pryrechenykh. Kyiv, Politydav Ukrainy, 1967. 39 p.

327(596)—Cambodia

Cambodia and its problems. V. Kremeniuk, Mezhdunar. zhizn' 15 no. 1 130-134 Ja '68.

New pressure on Cambodia. A. Usvatov, Nov. vrem. 25 no. 50 33 D '67.

327(73)—United States of America

The American guest in Africa. V. Sidenko, Nov. vrem. 25 no. 2 17 Ja '68.

Diplomatic funeral. D. Vol'skil, Nov. vrem. 25 no. 1 12-13 Ja '68.

New possibilities in the struggle against imperialism. Gus Hall, Kommunist 44 no. 1 93-104 Ja '68.

New pressure on Cambodia. A. Usvatov, Nov. vrem. 25 no. 50 33 D '67.

Tendency to the right. A. Butlitskil, Nov. vrem. 25 no. 3 7-9 Ja '68.

Zhukov, V. G. [Where does the policy of Mao lead?] Kuda vedet politika Mao. Moskva, IMO, 1967. 55 p.

327(84)—Australia (Commonwealth)

Diplomatic funeral. D. Vol'skil, Nov. vrem. 25 no. 1 12-13 Ja '68

328 PARLIAMENTS AND LEGISLATIVE ASSEMBLIES

Russia (R.S.F.S.R.) Verkhovnyi Sovet. [Meetings of the Sixth Supreme Soviet of the R.S.F.S.R., seventh session, August 16-17, 1966, verbatim report] Zasedaniia Verkhovnogo Soveta RSFSR shestogo sozyva, sed'mala sessiia (16-17 avgusta 1966 g.). Stenograficheski otchet. [Moskva] Izd. Verkhovnogo Soveta RSFSR, 1966. 199 p

329 01 COMMUNIST PARTY OF THE SOVIET UNION

Baraukov, N. A., and I. N. Rudin. [Social foundation of the CPSU] Sotsial'naya baza KPSS. Moskva, Znaniye, 1967. 63 p. (Novoe v zhizni, nauka, tekhnika. XV Seriya: Istoriia i politika KPSS, 8)

Borisova, R. B., and M. E. Krutikova. [What is party talk?] Partinyy razgovor - chto eto znachit. Moskva, Politizdat, 1967. 78 p. (Partinaya publitsistika)

Brief news. Vop. ist. KPSS 12 no. 1 157-158 Ja '68.

Documents and articles on the history of the CPSU and international communist and labor movements published in November 1967 in periodicals, studies, collections, and transactions. Vop. ist. KPSS 12 no. 1 137-150 Ja '68

The glorious path of combat and victory. Tyl i snab. Sov. Vost. Sil 27 no. 8 2-6 Ag '67.

In the Committee of Party Control attached to the Central Committee of the CPSU. Part. zhizn' no. 24 34 D '67.

Literature for schools of party education. F. Vainberg, Knizh. torg. 10 no. 3 4-6 Ag '67

Local organizations are the basis of the Party. A. Shelepina, Komm. Vost. Sil 48 no. 23 47-53 D '67

The might of the homeland is becoming stronger. A. A. Pishchev, Sov. voyn 48 no. 16 2-3 Ag '68.

Moraley, B. N. [Party organizations in republics, territories, provinces, administrative areas, cities, and districts, a manual for universities of Marxism-Leninism] Respublikanskie, kraevye, oblasnyye, okrugnyye, gorodskie i raionnyye organizatsii parti, dlia universitetov marksizma-leninizma. Moskva, Mysl', 1967. 54 p. (Partinnoe stroitel'stvo)

The party's concern for the press. Sov. pech. no. 4 13-15 Ap '66.

[Problems concerning the organizational work of the party] Voprosy partinno-organizatsionnoi raboty. Moskva, Voenizdat, 1967. 237 p.

Unslacking attention to the ideological hardening of airmen. N. Chugunov, F. Fedchenko, Av. i kosm. no. 12 2-6 D '67.

We must study the theory and practice of party work. Part. zhizn' no. 24 3-8 D '67.

We received these answers. Part. zhizn' no. 24 64 D '67.

What is the order for advancing candidates in the structure of a party agency? Komm. Vost. Sil 48 no. 23 82-83 D '67.

329 01(471.23)—Leningrad Province

The leading section of the newspaper; based on the materials of the section on party life in "Leningradskaya pravda", late 1964 and early 1965. A. I. Greban-shchikov, Opublits. i publits. no. 2 45-64 '68.

Long-range plan of the party committees. IU. Makov, B. Alekseev, Kommunist 44 no. 1 26-33 Ja '68.

329 01(471.312)—Tula Province

Authority. L. L'vov, Part. zhizn' no. 24 58-61 D '67.

329 01(471.54)—Sverdlovsk Province

The efficiency of the local organizations is improving. L. Bobykin, Part. zhizn' no. 24 27-31 D '67.

329 01(474.2)—Estonian S.S.R.

Under the sun of the Soviet regime. A. Vader, Komm. Ukr. 42 no. 11 28-31 N '67.

329 01(474.3)—Latvian S.S.R.

Stimulating transformations. A. Voss, Komm. Ukr. 42 no. 11 24-27 N '67.

329 01(477)—Ukrainian S.S.R.

Concrete sociological research in party work. V. A. Smirnov, Vop. ist. KPSS 12 no. 1 80-87 Ja '68.

Establishment of regional Bolshevik groups in the Ukraine, on the 50th anniversary of the regional conference of the Russian Social Democratic Party (Bolshevik) in the southwestern Ukraine and the Donets-Krivoy Rog Basin. P. V. Zamkovyi, Ukr. ist. zhur. 11 no. 7 132-135 Ji '67.

The party and the development of socialist democracy. A. Liasheko, Kommunist 44 no. 1 14-25 Ja '68.

- 329 01(479 24)—Azerbaijan S S R
Part zhizn' no 10 10-11 '67
- 329 01(479 25)—Armenian S S R
[On the history of the Communist Party of Armenia]
Ocherki istorii kommunisticheskoi partii Armenii
Erivan, Alastan, 1967 639 p
- 329 01(474)—Kazakh S S R
On the 50th anniversary of the October Revolution
no 10 10-13 '67
- 329 01(475 1)—Uzbek S S R
[Revolutionaries and leaders of the masses, glorious
galaxy of Uzbekistan Communists] Revoliutsionery,
vostuchi massa, slavnaya pleiada kommunistov Uzbeki-
stana Tashkent, Uzbekistan, 1967 436 p
- 329 02 HISTORY OF THE COMMUNIST PARTY OF
THE SOVIET UNION
On the 50th anniversary of the October Revolution I Petrov, Mol
komm no 10 10-13 '67
- 329 03 INTERNATIONAL COMMUNIST MOVEMENT
[Anticommunism is a weapon of imperialist reactionary
policy] Antikommunizm - orudie imperialisticheskoi
reaktsii Moskva, Mysl', 1967 245 p
Articles on the history of the communist parties published
in foreign periodicals Vop ist KPSS 12 no 1 135-137
Ja '67
The leading up to the most important thing G Gusev
Mol komm no 10 10-13 '67
The 50th anniversary of the League of Communists,
1840-1951 P. I. Chubarenko Nov 1 noveish ist no 6
12-15 '67
The 50th anniversary and struggle for strengthening the
anti-imperialist front of the world, T. Timofeev
Kommunist 44 no 18 74-90 D '67
Marxist-Leninist parties of the working class are the
leading force of socialist reforms L. T. Vinogradov,
Nauch dokl vys shkoly filoz nauki 10 no 5 13-22 '67
The Moscow International Conference Nov vrem, 25
no 50 1-2 D '67
The October Revolution and the world revolutionary
process Nov vrem, 25 no 50 3-10 D '67
Unity is the strength of the communist movement,
Kommunist 44 no 18 6-14 D '67
- 329 04 COMMUNIST YOUTH ORGANIZATIONS
Mikhailovskii issued the members of the Komsomol
I Dmitriy Prof -tekh obr 24 no 10 40 O '67
Forerunners of the Lenin Communist Youth League; the
50th anniversary of the organization of the socialist
youth groups, H. P. Semylitka Ukr, ist, zhur, II
no 11-107-110 N '67
Junior Engineers and Brave Boys D. Lunin, Nach, shkola
15 no 10 22-27 O '67
Letters, documents, facts Mol, komm no 10 47-49 '67
The October Revolution and the birth of the Communist
Youth International M. Mukhammedzhanov, Mol
komm no 10 87-97 '67
To new frontiers, P. Goposhko Komm Vooruzh, Sil
48 no 23 67-70 D '67
- 329 04(319 3)—Mongolian People's Republic
The Union of Revolutionary Youth is the training place of
fighters Ch. Puvzayev Mol komm no 10 84-86 '67
- 329 05 COMMUNIST CHILDREN'S ORGANIZATIONS
Decree of the presidium of the Supreme Soviet of the
U S S R awarding the Red Banner of Labor order to
the Leningrad Palace of the Pioneers A. A. Zhdanov
Shkola i proizv II no 10 8 O '67
From the student's models to spacehips S. N. Lapshin,
Shkola i proizv II no 11 53-57 N '67
The second plenum of the Central Committee of the V. I.
Lenin All-Union Communist Youth League, Nach shkola
15 no 7 9-16 JI '67
- 329 05(471 232)—Leningrad City
The Leningrad Palace of the Pioneers, A. I. Sorokina,
Shkola i proizv II no 10 9-11 O '67
Work of the Department of Technology of the Leningrad
Palace of the Pioneers O. V. Orskhova Shkola i
proizv II no 10 12-16 O '67
- 329 06 COMMUNIST PARTIES OUTSIDE THE SOVIET
UNION
Marxist-Leninist parties of the working class are the
leading force of socialist reforms, L. T. Vinogradov,
Nauch dokl vys shkoly, filoz, nauki 10 no 5 13-22 '67
- 329 06(437)—Czechoslovakia
Our approach to the problems of ideology, F. Havlicek,
Nov vrem 25 no 50 11-14 D '67
- A new management system A. Kravchenko Part zhizn'
no 24 67-70 D '67
- 329 06(44)—France
Foreign diary Mol, komm no 10 10-17 '67
Universal and historical significance of the Great
October Revolution and its impact on the labor and
communist movement in France Francois Billoux,
Nov 1 noveish ist no 6 3-15 N-D '67
- 329 06(540)—India
Guidance for action Sunil Mukherdaji Part zhizn'
no 24 65-67 D '67
- 329 06(8)—South America
In the struggle for the interests of our people, on the
50th anniversary of the Communist Party of Argentina
O. Aicalo Nov 1 noveish ist no 6 31-41 N-D '67
Loyalty to international obligations, Orestes Goidl,
Kommunist 44 no 1105-112 Ja '68
- 329 14 SOCIALISTS SOCIAL DEMOCRATS
The 70th anniversary of the organization of the "South
Russian Federation of Workers" in Nikolayev, I. A. L.
Zhuravli Ukr, ist zhur, II no 1110-112 N '67
- 329 14(408)—Rumania
Two messages of the Rumanian Social Democrats to
revolutionary Russia V. N. Vinogradov, Vop ist, 42
no 12 73-82 D '67
- 33 POLITICAL ECONOMY, ECONOMICS
[New foreign economic literature] Nov, inostr, ekon,
lit, no 10 '67
[New Soviet economic literature] Nov, sov, ekon, lit,
no 10 '67
The past and the future of economic cybernetics, A. Beig,
Vop, ekon no 12 148-150 D '67
Triumph of the ideas of the October Revolution and the
bankruptcy of the bourgeois conceptions of a "synthesis"
of capitalism and socialism, V. S. Semenov, Nauch,
dokl vys shkoly, filoz, nauki 10 no 5 88-99 '67
Using commodity and monetary relations in improving
the supply of materials and equipment, P. A. Kan
Uch zap, Kaf obshchestv, nauk vuz g Len, Polit, ekon,
no 8 152-159 '67
- 330 GENERAL CONCEPTS OF ECONOMICS
Andreev, N. S. [Commodity production. Commodity and
money, an aid to students attending universities of
Marxism-Leninism] Tovarnoe proizvodstvo, Tovar i
den'gi, v pomoshch' slushateliam universitetov
markslizma-Leninizma, Moskva, Mysl', 1967, 78 p
A balance sheet of capitalism, I. A. Pevzner Nov vrem,
25 no 52 20-23 D '67
"Ekonomika," Knizh, org, 18 no 12 42 D '67
Give the workers in education a knowledge of economics,
O. S. Budrin, P. H. Zashchytka Rad, shk, 45 no 12 28-
31 D '66
Legal problems in K. Marx's "Das Kapital" L. S.
Mamut Sov gos, i pravo no 12 3-10 D '67
Marxism-Leninism on the production of goods under
socialism, L. A. Leon'tev Vop, ist, KPSS 12 no 1,
58-70 Ja '68
[Methodological aid for the study of the course "Political
economy"] Metodicheskoe posobie k izucheniiu
kursa "Politicheskaya ekonomiya" Moskva, Mysl'
Sec. 1/2 [The capitalist means of production,
and the capitalist means of production] Doka-
pitalisticheskie sposoby proizvodstva i kapitalisti-
cheskii sposob proizvodstva 1967, 61 p
Sessions devoted to the centenary of K. Marx's "Das
Kapital," V. B., V. V. Kravchenko, Ukr, ist, zhur, II
no 1152-153 N '67
- 330(4/9 104)—Capitalist countries of the world
[Economic theory of Marx and Lenin and modern capi-
talism] Ekonomicheskaya teoriya Marks - Lenina i
sovremenniy kapitalizm Moskva, Mysl', 1967 400 p
- 330.1 GENERAL PRINCIPLES, LAWS AND SYSTEMS
OF ECONOMICS
Capitalism and morality, E. Rozenzalt, Nov, vrem, 25
no 50 16-20 D '67
Cheltyrkin, E. M. [Use of modern computers and mathe-
matical methods in the planning and management of the
national economy of the U S S R; for universities of
Marxism-Leninism] Primenenie sovremennoi vychislitel'-
noi tekhniki i matematicheskikh metodov v planiro-
vani i upravlenii narodnym khoziaistvom SSSR; dlia
universitetov markslizma-Leninizma, Moskva, Mysl',
1967, 55 p
Determining the nature of the economic and technical
foundation of society, I. G. Ponomareva Vest LGU
22 no 17 110-122 S '67
Determining the optimal variant of developing and dis-
tributing industrial branches using complex raw mate-
rial V. P. Gukov, Izv, SO AN SSSR Ser., obshchestv,
nauk no 6 49-53 My '67
- Forecasting in industry and agriculture, A. K. Kibrik,
N. Lagutin, Vop ekon, no 12 150-152 D '67
From practice in using mathematical methods for deter-
mining the optimal variant of distributing the capital
industry of the R. S. P. S. R., D. M. Kazakevich, E. I.
Filimonova, Izv, SO AN SSSR Ser., obshchestv, nauk
no 6 38-43 My '67
The Great October Socialist Revolution and the law of
the economy of productive forces with productive
relations, N. D. Kolesov Vest LGU 22 no 17 5-15
S '67
Probability model of determining needs, I. Kuznetsov,
Mat., tekhn, snabz, 2 no 7 75-81 JI '67
Regulators of socialist production; a discussion of
Professor D. V. Valovoi's article at the Faculty of
Economics of Leningrad University P. I. Gerasimov
Vest LGU 22 no 17 139-141 S '67
Some methodological problems of the efficiency of opera-
ting mobile construction bases in an economic system
L. A. Kozlov, A. M. Alekseev, Izv, SO AN SSSR Ser.,
obshchestv, nauk no 6 41-48 My '67
Use of mathematical economics methods for determining
plan for developing the lumbering industry of Siberia,
V. S. Belousova, A. M. Kalinina, Izv, SO AN SSSR Ser.
obshchestv, nauk no 6 31-37 My '67
Use of mathematical methods and computers in the man-
agement of supply of materials and equipment,
E. Khutskii Mat., tekhn, snabz, 2 no 7 41-55 JI '67
- 330 10 ECONOMIC POLICY
Centralized planning and business accounting, G. Kuper-
man Plan, khoz, 44 no 12 68-81 D '67
Dynamics of the Soviet economy, I. U. Belik, Plan, ist,
41 no 12 3-11 D '67
Experimental test of the results of estimating the pro-
jective volume of freight using the methods of mathe-
matical statistics, I. A. T. Bronshteyn, Dokl, AN Tsent,
SSSR 10 no 9 16-19 '67
The 50th anniversary of the Soviet country, Stan, Linst,
38 no 111 N '67
Historical path of struggle and achievements, Nauch,
dokl, vys shkoly, filoz, nauki 10 no 5 4-12 '67
Kotov, P. I. [The eighth five-year plan in operation]
Vos'maya piatiletka - v deistvi, Moskva, Znanie,
1967 40 p. (Novoe v zhizni, Nauka, tekhnika,
III Seriya Ekonomika, 19)
- The leading subject of the economic reform, L. I. Lopatin
Sov, pech, no 4 1-8 Ap '68
Leninist principles of industrial management and the
economic reform, V. P. Fedotov, Vest LGU 22
no 17 41-57 S '67
Loktev, V. P., and G. L. Bulgakov [Centralized
planned management of the economy and the initiative
of enterprises] Tsentralizovannoe upravlenie
ekonomikoi i initsiativa predpriyatiy Minsk,
"Belarus", 1968, 77 p
Mathematical methods in planning, A. Abdagantev, Part
zhizn' no 7 21-22 '67
Mikhailovskii, P. F. [Historical regularity of the non-
capitalist road of the undeveloped countries toward
socialism] Istoricheskaya zakonomernost' nekapitali-
sticheskogo razvitiya otstalykh stran k sotsializmu
Frunze, "Kyrgyzstan", 1966 88 p
National economic proportions, and the efficiency of
socialist production, V. Gligolev, Trudy INKh
no 44 18-27 '67
The new concern of the party and the government for the
welfare of the people, IU, Pak, Sots, trud, 12 no 11
12-17 N '67
New data on Soviet economy, Nov, vrem, 25 no 5 4
Ja '68
On some aspects of the interrelationship of material
interests and objective needs IU, Grel' Trudy INKh
no 44 3-17 '67
Some problems of the theory and practice of the inter-
branch balance, A. Dorovskikh, Plan, khoz, 41
no 12 35-41 D '67
The Soviet five-year plans, I. Kotov, A. Shul'man,
Plan, khoz, 44 no 12 15-25 D '67
- 330.19(431)—German Democratic Republic
The economic reform in the Democratic Republic of
Germany, D. Nikitin, M. Senin, Plan, khoz, 41 no 12
55-62 D '67
A winter tale, V. Chornitskii, Nov, vrem, 25 no 1,
22-24 Ja '68
- 330.19(430)—Hungary
A new management system, A. Kravchenko, Part zhizn'
no 24 67-70 D '67
- 330.19(47)—Union of Soviet Socialist Republics
(U. S. S. R.)
[Economic problems of the building of communism]
Ekonomicheskie problemy stroitel'stva kommunizma
[Leningrad] Izd-vo Leningr univ., 1967, 201 p.
Kozlovskii, V. I. [Economic ties between industry and
agriculture] Ekonomicheskie svyazi mezhdu promysh-
lennost'iu i sel'skim khoziaistvom, Minsk, "Belarus",
1966 117 p.
Multiply the achievements of the jubilee year, Sov,
profsoyuz 23 no 22 1-3 N '67

- 330 19(471 41)—Tatar A. S. S. R.
Tabeev, F. A. [Economics Creativeness plus organization] Ekonomika Tvorchestvo plus organizatsia Moskva, Znaniye, 1967 75 p. (Narodnyi universitet Tekhniko-ekonomicheskii fakul'tet, 12)
- 330 19(476)—White Russian S. S. R.
[The economy of the White Russian S. S. R. in the building of communism] Ekonomika Belorusskoi SSR v stroitel'stve kommunizma. [Minsk, "Belarus," 1967] 405 p
- 330 19(477)—Ukrainian S. S. R.
[Problems of developing the national economy of the Ukrainian S. S. R.] Voprosy razvitiia narodnogo khoziaistva Ukrainskoi SSR. Kiev, Budivelnik, 1967 219 p
- 330 19(498)—Rumania
Economic reform in Rumania R. Stoikich, Nov. vrem. 25 no. 52 24 D '67
- 330 19(574)—Kazakh S. S. R.
The Central Committee of the Communist Party of the Soviet Union, the Presidium of the Supreme Soviet of the U. S. S. R., and the Council of Ministers of the U. S. S. R. Na khoz. Kazakh 25 no. 12 8-9 D '67
The republic enters the third year of the five-year plan. K. Ketsbaev, Nar. khoz. Kazakh, 25 no. 12 10-21 D '67.
- 330 19(575.1)—Uzbek S. S. R.
Great changes S. Akhmedov, Ekon. i zhizn' no. 7-23-25 '67
Specialization and comprehensive development of the national economy of Uzbekistan. K. Bedritsev, Ekon. i zhizn' 9 no. 6 37-40 Je '67.
- 330 19(575.2)—Kirghiz S. S. R.
Some problems of carrying out the new economic policy in Kirghizistan. V. P. Sherstobitov, Vop. ist. KPSS 12 no. 1 70-79 Ja '68
- 330 19(73)—United States of America
The trade war. V. Zorin, Nov. vrem. 25 no. 52 12-13 D '67.
- 330.2 ORGANIZATION AND COOPERATION IN THE ECONOMIC SPHERE REORGANIZATION, REFORM, ETC.
Discoveries made by Soviet geologists in foreign countries. A. M. Bybochkin, Razved. i okh. nedr. 33 nos. 10/11 116-121 O-N '67
Help for the developing countries. V. Voskresenskii, Prof.-tekhn. obr. 24 no. 10 45-46 O '67.
- 330 2(4/0 103)—Communist countries of the world
Lenin's ideas, and the economic cooperation of socialist countries. N. Fadeev, Mir, ekon. i mezhdunar. otn. no. 12 3-13 '67.
- 330 2(4/9 104)—Capitalist countries of the world
Characteristics of the extensive development of present-day capitalism and some problems concerning the typology of the new regions. L. N. Karpov, Dokl. Inst. geog. Sib. i Dal'. Vost. no. 12 67-72 '66.
- 330 2(496)—European communist countries as a group
Cooperation of member countries of the Mutual Economic Assistance Council in developing mineral raw material supply centers. B. N. Erofeev, Razved. i okh. nedr. 33 nos. 10/11 121-123 O-N '67.
Cooperation of the countries participating in the Comecon in increasing the intensification of agriculture. V. Stozorov, Vop. ekon. no. 12 99-107 D '67.
- 330 2(571)—Asiatic R. S. F. S. R.
The role of Eastern Siberia in the solution of economic problems in the countries of the Pacific Area. V. A. Kretov and others, Dokl. Inst. geog. Sib. i Dal'. Vost. no. 12 64-66 '66.
- 330 2(6)—Africa
Africa, the growing continent. M. Eliseev, Prof.-tekhn. obr. 24 no. 10 46-47 O '67.
- 330 2(62)—Northeast Africa, Egypt and Sudan
Fruitful cooperation and disinterested help. Mohammed Ahmed Abu Khalil, Vsem. prof. dvizh. no. 7.35 O '67.
- 331 LABOR, WORK, EMPLOYMENT
Bearers of the Order of Lenin. Setl. stroit. 21 no. 12 7 D '68.
Benefits granted to workers and employees in connection with their studies in institutions of higher and secondary education. M. Goroshchenko, L. Starodumova, Mat.-tekhn. snabzh. no. 9 88-89 S '67.
- Changes in the technical division of labor and its influence on the workers' occupational composition V. Markov, Trudy INKIL no. 44 28-41 '67.
Characteristics of communication workers' labor productivity. V. N. Tikhomirova, Uch. zap. Kaf. obshchestv. nauk. vuz. g. Len., Polit. ekon. no. 8 21-28 '67.
Closer to production. A. Dovba, K. Krupnov, Sots. trud 12 no. 10 146-147 O '67.
Creative initiative of the masses and its role in accelerating technological progress. M. Kvintitskii, Trudy INKIL no. 44 12-53 '67.
Determining the relative index of labor intensity. T. S. Podkorova, Uch. zap. Kaf. obshchestv. nauk. vuz. g. Len., Polit. ekon. no. 8 67-72 '67.
First achievements of branch committees. K. Lankova, Sots. obshch. 42 no. 12 30-34 D '67.
Give constant attention to the job placement of minors. A. Troshin, Sots. zakon, no. 8 61-62 Je '67.
History of the struggle of K. Marx and F. Engels for efficient proletarian internationalism in the labor movement. N. F. Shitov, Uch. zap. Kaf. ist. KPSS no. 5 3-41 '67.
The labor movement and struggle for strengthening the anti-imperialist front of the world. T. Timofeev, Kommunist, 44 no. 18 79-90 D '67.
Main trends in the growth of labor productivity in chemical machinery manufacturing. F. I. A. Kripylin, N. F. Lebedinskii, Uch. zap. Kaf. obshchestv. nauk. vuz. g. Len., Polit. ekon. no. 8 11-20 '67.
Mikhailov, M. V., and A. S. Motylev, [What are the decisions of the plenary session of the Central Committee of the CPSU in September; measures for raising the standard of living of the Soviet people] Chot reshit. sentabr'skii Plenum TsK KPSS; mery po dal'neshmu povysheniiu blagosostoiianiia sovetskogo naroda Moskva, Politizdat, 1967 31 p.
More than the roof overhead. Results of the inspection of coal miners' communities. P. Bataeva, Sov. shakht. 16 no. 8 18-19 Ag '67.
On paper and in life. L. Pavlova, Sov. profsoiuzy 23 no. 22 16-17 N '67.
On the problem of the nature of the economic law of the steady growth of labor productivity. L. D. Valitarn, Uch. zap. Kaf. obshchestv. nauk. vuz. g. Len.; Polit. ekon. no. 8 3-13 '67.
A point of honor for coal industry workers. I. G. Mikhailenko, Ugol' 42 no. 9 66-68 S '67.
Rozimov, K. S., [Economics of labor in an industrial enterprise] Ekonomika truda na promyshlennom predpriatii [Moskva] Mosk. rabochii, 1967 108 p.
Socialism and labor. Sots. trud 12 no. 10 7-13 O '67.
They were delegates to the 23rd Congress of the CPSU. Prof.-tekhn. obr. 24 no. 10 12 O '67.
Total employment is a great achievement of the revolution. D. Moskvina, Sots. trud 12 no. 10 14-22 O '67.
Works councils during February and October 1917, and its significance in the promotion of revolutionary consciousness among the masses. V. D. Lupkin, Uch. zap. Kaf. ist. KPSS no. 6 147-158 '67.
The world will never be the same again. IU, Boiko, Nov. vrem. 25 no. 13 3-6 Ja '68.
- 331(433)—Federated Republic of Germany
A new situation on the labor markets of the Federal Republic of Germany. M. Panov, Sots. trud 12 no. 12: 142-146 D '67.
- 331(471.232)—Leningrad City
Problems of the vocational training of the labor supply at the present day stage. B. V. Stepanov, IU, V. Gribovskii, Uch. zap. Kaf. obshchestv. nauk. vuz. g. Len.; Polit. ekon. no. 8 73-84 '67.
- 331(477)—Ukrainian S. S. R.
The heroic labor class of the Ukraine. I. Vishnevatskii, Komm. Ukr. 42 no. 12 33-42 D '67.
An Ukrainian conference on the problem "History of the laboring classes of the Ukrainian S. S. R. in the period of socialism." I. I. A. Omel'ianenko, L. A. Shevchenko, Ukr. ist. zhur. 11 no. 7 152-154 Ji '67.
- 331(540)—India
Regional characteristics of the employment of the Indian population in the various branches of industry. V. G. Bylov, Vest. Mosk. un. Ser. 5. Geog. 22 no. 4 73-76 Ji-Ag '67.
- 331(571.55)—Chita Province
On the bases of principles. V. Chebykina, Sov. profsoiuzy 23 no. 22 18 N '67.
- 331(575.1)—Uzbek S. S. R.
Holder of the gold star. B. Aver'lanov, Ekon. i zhizn' 9 no. 8 25-27 Je '67.
Let us greet the jubilee with worthwhile accomplishments. Ekon. i zhizn' no. 7 3-6 '67.
- 331(6)—Africa
Awakening of the spirit of struggle. Mohamed of Seyid, Vsem. prof. dvizh. no. 7 24-25, 28 O '67.
- 331 1 INDUSTRIAL RELATIONS WORKERS AND EMPLOYERS
Bikritskii, V., [Educational role of the collective] Kollektiv - vospitatel' Tashkent, "Uzbekistan," 1967. 92 p.
Competition and discipline of labor. I. Mitiaev, Parl. zhizn' no. 21 41-45 D '67.
Decision No. 6 of the plenary session of the Supreme Court of the U. S. S. R. Sov. iust. no. 22 20-30 N '67.
Lomov, B. F., [Man in the management systems] Chelovek v sistemakh upravleniia. Moskva, Znaniye, 1967 46 p. (Novoe v zhizni, nauko, tekhnike. IV Seriya Tekhnika, 10)
Take into consideration demands of the day. I. Kholostov, Sov. profsoiuzy 23 no. 22 20-29 N '67.
Theoretical foundation of developing a sense of duty. Sov. iust. no. 23 1-2 D '67.
Work is looking for people. I. Petrov, Mol. komm. no. 10 26-29 '67.
- 331 1(474.2)—Estonian S. S. R.
Agreement between the trade union committee and the administration. H. Sillamaa, Sov. profsoiuzy 23 no. 22 1 N '67.
- 331 1(574)—Kazakh S. S. R.
Budget of the third year of the five-year plan. I. Kim, Nar. khoz. Kazakh, 25 no. 12 22-29 D '67.
- 331 2 WAGES, SALARIES, PAY
Answering our readers' questions. Rad. pravo 30 no. 12 70 D '67.
Answering our readers' questions. Sov. iust. no. 10 32 S '67.
Developing wage forms and systems in industry. S. Shkurko, Sots. trud. 12 no. 11 73-85 N '67.
Further improvements in labor pay and organization. Zhe. dor. transp. 49 no. 3 81-82 Ma '67.
Group material self-interest in the system of economic categories of socialism. A. K. Tumasov, Uch. zap. Kaf. obshchestv. nauk. vuz. g. Len.; Polit. ekon. no. 8 97-108 '67.
Improved methods of the evaluation of working conditions for the establishment of wage rates, based on the materials of coal mining in the U. S. S. R. I. I. Timolovitch, Vest. LGU 22 no. 17 11-20 S '67.
Improving the organization of wages in the U. S. S. R. E. Kapustin, Sots. trud. 12 no. 11 63-72 N '67.
Improving wages and material incentives for production on collective farms. A. A. Markin, Uch. zap. Kaf. obshchestv. nauk. vuz. g. Len.; Polit. ekon. no. 8 136-151 '67.
In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and the All-Union Central Council of Trade Unions. Sots. trud 12 no. 10 111-116 O '67.
In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and the All-Union Central Council of Trade Unions. Sots. trud. 12 no. 11 144-147 N '67.
In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and the All-Union Central Council of Trade Unions. Sots. trud 12 no. 12 150-152 D '67.
Incentives for labor under socialism. I. A. Boilin, M. I. A. Ruzhnevskii, Uch. zap. Kaf. obshchestv. nauk. vuz. g. Len.; Polit. ekon. no. 8 85-86 '67.
Initiative and bonuses. V. Potrasov, Sots. trud 12 no. 10 49-51 O '67.
Legal rules governing the operation of the funds of material incentives. T. M. Gandlev, Sov. gos. i pravo no. 12 116-119 D '67.
New legislative enactments. Sots. zakon, no. 6 106-67 Je '67.
Plus 400 for each. I. Vilenchuk, Ekon. i zhizn' no. 7 40-52 '67.
Realize the decisions of the September Plenum of the Central Committee of the CPSU. F. Vasil'ev, Sots. trud 12 no. 12 3-10 D '67.
Special features of the organization of wages in a pilot plant. V. Moskalenko, Sots. trud 12 no. 12 30-40 D '67.
The wage schedule. E. Astakhov, Sots. trud 12 no. 12: 147-149 D '67.
What effect the issuing of bonuses has on the economies of production. I. Survorov, Sots. trud 12 no. 10 50-50 O '67.
- 331 2(471.300)—Moscow City
Indices of awarding bonuses to workers, and the efficiency of production. P. Prosin, Sots. trud 12 no. 10 39-48 O '67.
- 331 2(471.41)—Tatar A. S. S. R.
Self-interest of the collective and the efficiency of production. A. Mikhailov, Sots. trud 12 no. 10 51-53 O '67.
Strengthening the communal economy and increasing wages on collective farms. P. Tabeev, Sots. trud. 12 no. 11 86-89 N '67.

- 331.2(471 61)—Rostov Province
Incentives for the worker on a state farm. T. Puryshova
Sov profsoyuz 23 no 22 14-15 N '67
- 331.2(477)—Ukrainian S S R
Business accounting and wage payment systems. I. Rogachev, F. Sergeev. Sots trud 12 no 12 28-32 D '67
- 331.3(477)—Ukrainian S S R
Principles of voluntary participation in the work of collectives of Donets Basin industrial enterprises and the role of party organizations in their development. I. N. Baklanov, M. O. Baranova, V. I. A. Fylymonenko. Nauk. pratsi z ist. KPSS no 8 154-174 '68
- 331.6 **UNEMPLOYMENT, SHORTAGE OF LABOR, ETC.**
Legal regulation of the job placement of the workers who have lost their job as the result of technological progress. L. Konikakhin, V. Seifer. Sov. ist. no 23 14-15 D '67
- 331.7 **SKILLED AND UNSKILLED LABOR**
Courage, creative work, maturity. V. A. Ishechkin. Put' put khoz. 11 no 7 23-24 '67
Vocational division of labor and the training of the labor force. L. Zverev. Vop. ekon. no 12 59-63 D '67
- 331.7(477)—Ukrainian S S R
Efforts of Ukrainian party organizations to draw workers into the management of industrial enterprises, 1959-1965. V. P. Shevchuk. Nauk. pratsi z ist. KPSS no 8 175-188 '66
- 331.8 **HOURS, CONDITIONS, ORGANIZATION, ETC**
The "Cherinskaya-Iuzhnaia" Coal Mine on the road of technical progress. S. T. Lazarev, K. G. Cheremnykh. Ugol' 42 no 8 28-30 Ag '67
Coal miners, heroes of motion pictures. P. I. Anshin. Sov. shakht. 16 no 8 24-25 Ag '67
Critical remarks and propositions, under unremitting control. A. Vinogradova. Neftianik 12 no 12 13-14 D '67
Development of Lenin's principles of the organization of socialist competition at the present-day stage. G. Alekseev. Sov. profsoyuz 23 no 22 38-41 N '67
Discipline is the most important factor in the organization of society's work. N. V. Sviridov. Sov. gos. i pravo no 12 11-20 D '67
During the days of the great jubilee. Louis Saillant. Vsem. prof. dvizh. no 7 1-2 O '67
Effect of conditioned air on the tiredness and work disability of workers because of rheumatism and pyodermatitis. O. N. Aleutskaya, N. A. Aleutskii, Izv. vys. ucheb. zav. i tch. tekst. prom. no 5 160-163 '65
A few words about youth. N. Shelkin. Sov. shakht. 16 no 8 14 Ag '67
Five-day week, first results. From work practices of the No. 2 "Khar'kovskaya" Mine of the Sverdlovsk Trust according to the new schedule. G. Drogin, V. Deid, Sov. shakht. 16 no 8 9-10 Ag '67
For the benefit of business. A. Kondratenko, V. Kochetov. Sov. profsoyuz 23 no 22 5 N '67
For the benefit of the entire society. A. Borisov. Vsem. prof. dvizh. no 7 21-24 O '67
Great help to the Kuznetsk Basin. Five interviews in the Ministry of Coal Industry of the U.S.S.R. Sov. shakht. 16 no 8 4-6 Ag '67
Here they helped forge victory. Sov. shakht. 16 no 8 21-22 Ag '67
I remember.... Pierre Delon, Adolf Deter. Vsem. prof. dvizh. no 7 43 O '67
Imaginary and actual potentialities of the shift system. I. A. Kvasha. Vop. ekon. no 12 16-26 D '67
Improving the work of trade-union cultural and educational organizations. L. Matveeva. Neftianik 12 no 12 11-13 D '67
Instructions: pluses and minuses. Okhr. truda i sots. strakh. 10 no 12 24-25 D '67
International connections of our trade union develop and get stronger. V. Makelskii. Neftianik 12 no 12 14-15 D '67
Kutina, V. P., and E. M. Kalluk. [Scientific labor organization in construction work; from practice in improving the organization of labor at construction sites of Khar'kov] Nauchnata organizatsiia truda v stroitel'stve; iz opyta sovershenstvovaniia organizatsii truda na stroitakh Khar'kova. Khar'kov, Prapor, 1967. 136 p
Labor organization schedules in construction. E. Pinski. Sots. trud 12 no 10 112-120 O '67
Labor productivity and the establishment of technical norms. A. Dovba, I. Shapiro. Sots. trud 12 no 12 128-135 D '67
Legal advice. Sots. zakon. no 8-9 [S '67
The Leninugol' Trust in the last 20 years. A. M. Poliakov. Ugol' 42 no 8 26-27 Ag '67
- On the application of individual norms of labor legislation where the five-day work week is in effect. V. Lazarev, Nar. khoz. Kazakh 25 no 11 78-82 D '67
Our achievements and our prospects for the future. V. V. Beliaev, M. N. Zeleniak, I. I. Tiunov. Ugol' 42 no 8 32-34 Ag '67
Possibilities and advantages of socialist labor. I. Kuz'minov. Sots. trud. 12 no 11 46-52 N '67
Preparing for the Sixth Congress of the Trade Union. Neftianik 12 no 12 2-5 D '67
Protection of the workers' and employees' work according to Soviet laws. A. Protseva. Rad. pravo 30 no 12 58-63 D '67
Replies to the questions of trade union group organizations. Sov. profsoyuz 23 no 22 22 N '67
Results of the all-Union competition for creating new means in the control of gas emanations and sudden outbursts of coal and gases. A. P. Kulikov. Ugol' 42 no 9 68-70 S '67
Role of "Pravda" in the development of socialist competition at the beginning of the mass collective farm movement. F. D. Frimskii. Uch. zap. kaf. ist. KPSS no 6 85-112 '67
Socialist competition of coal industry enterprises in honor of the 50th anniversary of the Great October. Ugol' 42 no 11 100-103 N '67
Some requirements determining the optimum organization of the work area. N. V. Kucherskaya. Izv. tekhn. no 10 64-67 O '67
Some results of the sociological investigations in the Donets Basin coal mines. V. I. Gardukov. Ugol' Ukr. 11 no 7 26-29 Ji '67
Soviet rites and ceremonies as a form of the education of participants in competition for a communist attitude toward work and the role of party organizations in their development. V. I. Lytyvnenko, N. F. Ottsel'anova. Nauk. pratsi z ist. KPSS no 8 141-153 '68
Soviet trade unions follow the path of the Great October Revolution. V. Prokhorov. Vsem. prof. dvizh. no 7 3-8 O '67
Take into consideration demands of the day. I. Kholostov. Sov. profsoyuz 23 no 22 28-29 N '67
Technical reequipment and scientific organization of work is the basis of increasing labor productivity. V. A. Alievskii. Ugol' 42 no 8 30-32 Ag '67
Toward new heights in production. Okhr. truda i sots. strakh. 10 no 12 1-2 D '67
Trade union of workers in geological prospecting at the 50th anniversary of Great October. P. I. Shelakhin. Razved. i okh. nedr. 33 nos. 10/11 13-15 O-N '67
Triumph of the idea of the Great October. Ugol' 42 no 11 1-7 N '67
With our labor we are increasing the wealth and power of our Soviet homeland. M. Gachiev. Neftianik 12 no 12 10-11 D '67
The workers' health is the main wealth. M. Kazlev. Vsem. prof. dvizh. no 7 39-42 O '67
- 331.8(431)—German Democratic Republic
Red October and the FDGB (Confederation of Free German Trade Unions). Herbert Wernke. Vsem. prof. dvizh. no 7 17-19 O '67
- 331.8(436)—Austria
Useful relations. Gusl. Zieckler. Vsem. prof. dvizh. no 7 38-39 O '67
- 331.8(437)—Czechoslovakia
Fraternal bonds solidified by common struggle. Mirosław Pastyrak. Vsem. prof. dvizh. no 7 13-14 O '67
- 331.8(44)—France
Confidence and enthusiasm. Georges Seguy. Vsem. prof. dvizh. no 7 19-20 O '67
- 331.8(471.310)—Moscow City
[Documents of the glorious labor of Moscovites, 1910-1965; history of the struggle for communist form of work. A collection of documents and materials] Dokumenty trudovoi slavy moskvtchel, 1910-1965; iz istorii bor'by za razvitiie kommunisticheskikh form truda. Sbornik dokumentov i materialov Red kollegiia sborniki: D. V. Diagilev i dr. Glav. red. A. A. Dobrodromov i dr. [Moskva, Nauka, 1967] 501 p. (Trudy po istorii Moskvy)
The most interesting policy. I. Malygin. Sov. profsoyuz 23 no 22 6 N '67
- 331.8(471.311)—Moscow Province
If they act jointly. V. Gatsko. Sov. profsoyuz 23 no 22 7 N '67
- 331.8(471.342)—Kirov Province
Logic of confidence. L. Simakova. Sov. profsoyuz 23 no 22 21 N '67
- 331.8(471.52)—Bashkir A.S.S.R.
Petroleum workers have spoken. D. Avad'ev. Sov. profsoyuz 23 no 22 32-33 N '67
- petition of workers for carrying out the socialist plan ahead of schedule. O. P. Ermakov. Nauk. pratsi z ist. KPSS no 8 49-58 '66
The Donets Basin press was the efficient helper of party organizations in developing new forms of socialist competition, 1959-1965. O. F. Voronkin. Nauk. pratsi z ist. KPSS no 8 128-140 '66
Efforts of party organizations of Ukrainian mining machinery plants to promote the movement for a communist toward work, 1959-1962. A. P. Bereanov. Nauk. pratsi z ist. KPSS no 8 108-118 '66
Efforts of Ukrainian party organizations to develop creative initiative of chemical workers. M. O. Fed'tchin. Nauk. pratsi z ist. KPSS no 8 39-48 '66
The five-day workweek and some problems of socialism. A. Tret'yakov. Sots. trud 12 no 11 95-98 O '67
Leading role of party organizations in establishing new forms of socialist competition for increasing the productivity of labor, 1959-1962. V. P. Zaslavskii. Nauk. pratsi z ist. KPSS no 8 24-38 '66
Organization of work and rest where the five-day work week is in effect. P. Skliarov. Sots. trud. 12 no 11 31-33 N '67
Party guidance of the socialist competition of workers, 1959-1965. P. A. Lytyvnenko. Nauk. pratsi z ist. KPSS no 8 59-70 '66
Party organizations of the Dnieper Valley in the struggle for technological progress, 1959-1961. V. M. Yabl'uk. Ist. zhur. 11 no 7 49-57 Ji '67
Principal phases of the struggle for a communist attitude toward work and the role of party organizations in its development in the Donets Basin, 1959-1965. M. I. Iemchenko, V. I. Kalashnikov. Nauk. pratsi z ist. KPSS no 8 3-11 '66
Principles of voluntary participation in the work of collectives of Donets Basin industrial enterprises and the role of party organizations in their development. I. N. Baklanov, M. O. Baranova, V. I. A. Fylymonenko. Nauk. pratsi z ist. KPSS no 8 154-174 '66
Role of party organizations in raising the cultural level and technical qualifications of workers who participate in the movement for a communist attitude toward work. Z. A. Shmondrenko. Nauk. pratsi z ist. KPSS no 8 51-54 '66
- 331.8(477 88)—Transcarpathia
Changing forms of socialist competition in the enterprises of the petroleum industry in Transcarpathia, 1958-1959. S. S. Andriyev. Uch. ist. zhur. 11 no 1 65-71 Ji '67
- 331.8(478)—Moldavian S S R.
Zarkhin, M. M., and A. I. Malkevich. [The five-day workweek is a progressive form of labor organization] Priatidnevka - progressivnaia forma organizatsii truda. Kishinev, Karita Moldovenaske, 1967. 64 p.
- 331.8(479 24)—Azerbaijan S S R
Kadyrov, R. G. [Struggle of the workers for the development of the petroleum production industry in Azerbaijan, 1951-1958] Bor'ba rabochikh za razvitiie dobyvaushchei promyshlennosti Azerbaidzhana (1951-1958 gg.). Baku, Izd-vo Akad. nauk Azerbaidzhansk. SSR, 1967. 88 p.
- 331.8(52)—Japan
Inspirational influence of the victorious October Revolution. Akira Iwai. Vsem. prof. dvizh. no 7 15-16 O '67
- 331.8(575.1)—Uzbek S.S.R.
Benefits of increasing labor productivity. I. Iskakov. Ekon. i zhizn' 8 no 12 8-11 D '66
Experience shows. Ekon. i zhizn' 9 no 6 7-8 Ja '68
The five-day workweek is profitable to everybody. Ekon. i zhizn' 9 no 6 3-6 Je '67
How it will take place. Ekon. i zhizn' 9 no 6 10 Je '67
Problems of the five-day workweek. Ekon. i zhizn' 1 no 6-9 Je '67
- 331.8(575 172)—Kara-Kalpak A.S.S.R.
How it will take place. Ekon. i zhizn' 9 no 6 10 Je '67
- 331.8(73)—United States of America
The convention at the "Americana" Hotel. A. Bykhovskii. Nov. vrem. 25 no 52 16-17 D '67
Significant symptoms. O. Vasil'ev. Mezhdunar. zhizn' 15 no 1 125-126 Ja '68
- 331.8(8)—South America
Ideas that have taken deep roots in Latin America. Luis Padilla. Vsem. prof. dvizh. no 7 9-12 O '67
- 331.91 **INTERNATIONAL ORGANIZATION OF LABOR**
The Great October Revolution and the internationalist movement. A. Abadzhian. Komm. Vooruzh. Sil 43 no 21 13-20 N '67
Solidarity of the international proletariat. V. I. Sychev. Vop. ist. KPSS 12 no 1 151-152 Ja '68

- 338(471.41)—Tatar A. S. S. R.
[National economy of the Tatar A. S. S. R.; a statistical abstract] Na odnoe khoziaistvo Tatarskoi ASSR, statisticheski sbornik. Kazan', Statistika, 1966 285 p.
- 338(471.55)—Chelyabinsk Province
[National economy of Chelyabinsk Province; a statistical abstract] Na odnoe khoziaistvo Cheliabinskoi oblasti, statisticheski sbornik. Cheliabinsk, Statistika, 1967 420 p.
- 338(474.2)—Estonian S. S. R.
Kristin, K. I. [Economy of the Estonian S. S. R.] Ekonomika Estonskoi SSR Moskva, Ekonomika, 1967 70 p (Soluznye respublik v novoi plattelke, 1966-1970)
Under the sun of the Soviet regime A. Vader. Komm. Ukr. 12 no. 11-28-31 N '67
- 338(474.3)—Latvian S. S. R.
Culian, P. V. [Latvia in the system of the national economy of the U. S. S. R.] Latvija v sistemu narodnogo khoziaistva SSSR Riga, Zinatne, 1967 365 p.
Shedding transformations. A. Voss. Komm. Ukr. 42 no. 11-21-27 N '67.
- 338(476)—White Russian S. S. R.
Along the glorious path of struggles and victory P. M. Moshchakov. Komm. Ukr. 42 no. 11-11-15 N '67.
[Economy of Soviet White Russia, 1917-1967] Ekonomika Sovetskoi Belorussii, 1917-1967. [Minsk, Nauka i tekhnika, 1967] 571 p
[The economy of the White Russian S. S. R. in the building of communism] Ekonomika Belorusskoi SSR v stroitel'stve kommunizma [Minsk, "Belarus", 1967] 405 p
[Our republic: facts and figures] Nasha respublika; tsifry i fakty [Minsk, "Belarus", 1967] 166 p.
- 338(477)—Ukrainian S. S. R.
The anniversary of the Soviet Ukraine. V. Koval'. Nov. vrem 25 no. 52 3-1 D '67.
The anniversary of the Ukrainian people Part. zhizn' no. 21-51 55 D '67
10 years of the Central Committee of the Communist Party of the Ukraine to carry out the policy of socialist industrialization, 1926-1929, I. I. Kolomitschenko Ukr. ist. zhur. 11 no. 7 40-18 JI '67
The 50th anniversary of the Soviet Ukraine D. Korotchenko. Rad. pravo 30 no. 12 3-10 D '67.
50 years of the Ukrainian S. S. R. V. V. Shcherbakov. Komm. Ukr. 42 no. 12 9-22 D '67.
The party organization of Kiev Province prepares for the great anniversary. I. P. Holovchenko. Ukr. ist. zhur. 11 no. 6 3-10 Ag '67
Under the banner of the October Revolution to the triumph of communism Komm. Ukr. 42 no. 11-3-10 N '67
- 338(477.0)—Western Ukraine
Incorporation of the Western Ukraine into the Ukrainian S. S. R. in a triumph of Leninist nationality policy. V. Kulakovich. Rad. pravo 30 no. 12 11-15 D '67
Ravan Province under the star of fraternity. I. Morzhovyi. Rad. pravo 30 no. 12 16-20 D '67
Socialist reconstruction of the economy of Soviet Bukovina. I. M. Kravchenko Ukr. ist. zhur. 11 no. 8 11-16 Ag '67.
Socialist reforms in the Zbruch Valley. H. I. Shevchuk. Ukr. ist. zhur. 11 no. 11:33-40 N '67.
- 338(477.98)—Transcarpathia
Transcarpathia, a member of the united family. V. Rusyn. Rad. pravo 30 no. 12 21-24 D '67.
- 338(478)—Moldavian S. S. R.
A world of friendship and happiness I. I. Bodul. Komm. Ukr. 42 no. 11 20-24 N '67
- 338(478.22)—Georgian S. S. R.
In a united fraternal family. V. P. Mkhavanadze. Komm. Ukr. 42 no. 11 16-19 N '67.
Mikeladze, I. S. [Economy of the Georgian S. S. R.] Ekonomika Gruzinskoi SSR Moskva, Ekonomika, 1967 86 p (Soluznye respublik v novoi plattelke, 1966-1970) (R)
[Soviet Georgia on the 50th anniversary of the Great October Socialist Revolution] Sovetskaya Gruzia k 50-letii Velikoi Oktabskoi sotsialisticheskoi revoliutsii. Tbilisi, Statistika, 1967 327 p.
- 338(497.2)—Bulgaria
Mozhukhov, B. I. [Under the Balkan stars] Podzvezdami balkanskimi. Tashkent, Fsh gvardia, 1967 113 p
- 338(519.17)—North Korea
Progress in economic development. G. G. Chernikov. Mezhdunar. zhizn' 15 no. 1-21-22 Ja '68.
- 338(55)—Iran
Tendencies of the development of the economy of Iran M. Ivanov. Mi. ekon. i mezhdunar. otn. no. 12 105-113 '67.
- 338(571.151)—Gorno-Altai Autonomous Province
Economic development of Gorno-Altai Autonomous Province in the first years of Soviet rule. N. M. Kiselev. Izv. Alt. G. Geog. ob-va SSSR no. 6 3-14 '65
- 338(571.65)—Magadan Province
Some characteristics of the economic development of Magadan Province. E. B. Akhnazov. Trudy SVKNI no. 17 150-172 '67.
- 338(574)—Kazakh S. S. R.
The second year of the five-year plan. Nar. khoz. Kazakh. 25 no. 12 62-63 D '67.
- 338(575.1)—Uzbek S. S. R.
Banner of friendship L. Toropov V mire knig 7 no. 9 8 '67
Beacon light of socialism in the East. M. M. Musakhanov. Komm. Ukr. 42 no. 11 33-34 N '67.
Chronicle of the heroic years. Ekon. i zhizn' 8 no. 12 42-43 D '66.
- 338(591)—Burma
Burma today K. Kondrat'ev Nov. vrem 25 no. 2-8-9 Ja '68.
- 338(596)—Cambodia
Cambodia and its problems V. Kremenuk. Mezhdunar. zhizn' 15 no. 1-130-134 Ja '68.
- 338(720)—West Indies
Barbados and its people A. D. Dridzo Sov. etn. no. 4 119-128 JI-Ag '67
- 338(73)—United States of America
Encounters on the other side of the ocean. V. Brezhevkov. Nov. vrem 25 no. 52 27-30 D '67
Nazarevskii, V. A. [Economy of the U. S. A. and the war in Vietnam] Ekonomika SSHA i volna vo V'etname Moskva, IMO, 1967 78 p
- 338(8)—South America
Alliance for the sake of monopolies. K. Tatarsov. Mezhdunar. zhizn' 15 no. 1 41-48 Ja '68.
- 338(910)—Indonesia
Foreign monopolies are attacking. V. Ivanov. Mezhdunar. zhizn' 15 no. 1 128-129 Ja '68
- 338.1 ECONOMICS OF AGRICULTURE. COLLECTIVE FARMS. STATE FARMS
Analysis of the final balance of a collective farm E. Tserlevskii. Vest. stat. no. 12 30-40 '67.
Consolidation of collective farms by leading cadres, 1953-1958, from the work experience of the party organizations of the Voronezh, Lipetsk, and Tambov provinces N. E. Negodaev. Uch. zap. kaf. ist. KPSS no. 6 65-84 '67
Development of the economic independence of collective farms. Z. S. Belibaeva, M. I. Kozv'v. Sov. gos. i pravo no. 12 83-89 D '67.
Differential rent on state stock-raising farms. V. Senchikhin. Trudy INKH no. 44 68-74 '67
Historical experience of the CPSU in the socialist reconstruction of agriculture. V. P. Stoliarenko, V. P. Shkvaritskiy Ukr. ist. zhur. 11 no. 8 19-27 Ag '67.
How to determine the sum of deductions going into the centralized Union fund of social insurance for collective farmers. P. Smyslov. Sots. obshch. 42 no. 12 11-17 D '67.
Improving wages and material incentives for production on collective farms. A. A. Markin. Uch. zap. kaf. obshchestv. nauk vuz. g. Len.; Polit. ekon. no. 8 136-151 '67.
Influence of regional prices on the creation of equal conditions of management on collective farms P. Karpov. Trudy INKH no. 44 75-86 '67.
Lawsuits filed by public prosecutors are a way to protect the property of collective farms. P. Kyrylenko, V. Shevchuk. Rad. pravo 30 no. 12 75-76 D '67.
Let us amend the laws which regulate the work of the state farms' personnel. E. Panova. Sov. iust. no. 22 13-14 N '67.
The light of the collective farm village. D. Gudkov. Knizh. torg. 18 no. 11:28-31 N '67.
The past and present of Salamatin village. P. Sergeev. Knizh. torg. 18 no. 11:87-88 N '67.
Path toward profitability. L. Vialova. Sov. profsoyuzy 23 no. 22-20 N '67.
The plots allotted to individual farmers and workers. O. Laptev. Sots. zakon. no. 8 83-85 Ag '67.
- Problems of the administration of agriculture in the light of the decisions of the 23d Congress of the CPSU. G. A. Aksekenov. Izv. vuz. ucheb. zav., prav. no. 5 86-94 S-O '67
Protection of the land tenure of collective farms V. E. Kaplunov. Vest. LGU 22 no. 17 112-118 S '67
Rogachev, S. V. [Industrialization of agricultural production] Industrializatsia sel'skokhoziaistvennogo proizvodstva Moskva, Ekonomika, 1967 118 p
Study the state farm economics deeper. K. Panova. Vest. stat. no. 12 3-10 '67
Subsidiary enterprises and cottage industries in rural areas. R. Bogolepov. Sov. iust. no. 22 9-10 N '67
Terlizhenko, I. N. [Correlative analysis of production costs on collective farms] Korrelatsionnyi analiz sebestoimosti produktov v kolhozakh Minsk Urozhai, 1967 113 p
Ukrainian party organizations in the struggle for the organizational and economic consolidation of collective farms. L. V. Andriienko. Ukr. ist. zhur. 11 no. 11:3-22 N '67.
The ways to prevent the pilfering of farm produce. A. Slabukha. Sots. zakon. no. 8 59-60 Ja '67
- 338.1(471.313)—Ryazan Province
Grishin, K. N. [Party organizations and the economy of collective farms] Partinye organizatsii i ekonomika kolhozov [Moskva] Mosk. rabochii, 1967 77 p
- 338.1(471.317)—Kostroma Province
Able to meet all hardships. K. Petrova, A. Trachenko. V mire knig 7 no. 9 22 '67
- 338.1(471.321)—Orel Province
Competition and discipline of labor I. Mitiaev. Part. zhizn' no. 24 41-15 D '67
- 338.1(471.327)—Penza Province
His name is on the list of honor. E. Rachina. Sots. obshch. 42 no. 12 16-17 D '67
- 338.1(471.41)—Tatar A. S. S. R.
Strengthening the communal economy and increasing wages on collective farms. F. Tabeev. Sots. iust. 12 no. 11:86-93 N '67.
- 338.1(471.43)—Kuybyshev Province
Long-range plan of the work with personnel in action Part. zhizn' no. 24 56 D '67
- 338.1(471.46)—Astrakhan Province
They have established an increase in pension. A. Karilova. Sots. obshch. 42 no. 12 18 D '67
- 338.1(471.62)—Krasnodar Territory
Assets of the intercollective farm construction organizations in the Kuban A. Shevelev. Sel'st. stroi. 21 no. 12 0-11 D '66.
Capital assets and the economics of intercollective farm construction organizations. A. Shevelev. Ekon. stroi. 10 no. 1 46-49 '68.
Does this concern only the accountants? A. Armutov. Part. zhizn' no. 24 62-63 D '67.
- 338.1(474.2)—Estonian S. S. R.
The collective farm meeting is the collective economist and organizer. V. Efimov. Kommunist 44 no. 1 46-50 Ja '68.
- 338.1(476)—White Russian S. S. R.
Buravskii, A. E. [Interfarm cooperation] Mezhol'-khoznye ob'edineniia Minsk, Urozhai, 1967 150 p
[Use of labor resources on collective farms] Ispol'zovanie trudovykh resursov v kolhozakh Minsk, Urozhai, 1966 44 p.
- 338.1(477)—Ukrainian S. S. R.
History of agricultural communes in the Ukraine H. F. Chmyha Ukr. ist. zhur. 11 no. 8 15-48 Ag '67
In the name of the October Revolution; the 45th anniversary of the Ksaverovka Commune. L. H. R'chuk. Ukr. ist. zhur. 11 no. 11:112-116 N '67.
Period of direct preparations for the mass collectivization of Ukrainian agriculture in the interpretation of Soviet historiography. V. I. Butenko Ukr. ist. zhur. 11 no. 8 132-136 Ag '67.
Triumph of the Leninist ideas of the socialist reconstruction of Ukrainian agriculture I. P. Kozhukalo. Ukr. ist. zhur. 11 no. 8 28-37 Ag '67.
- 338.1(571.62)—Khabarovsk Territory
Routine of the council. A. Filippova. Sots. obshch. 42 no. 12 14 D '67.
With the feeling of responsibility. M. Protod'akov. Sots. obshch. 42 no. 12 14-15 D '67.

- 338 1(574)—Kazakh S.S.R.
Business accounting within individual production units of a state farm, S. Abdil'din, Nar. khoz. Kazakh, 25 no. 12 64-68 D '67.
- 338 1(575 1)—Uzbek S.S.R.
Living history, V. Popkov, Ekon. i zhizn' 9 no. 6-23-24 Je '67
The State Bank and the collective farms Kh. Gafurov, Ekon. i zhizn' 9 no. 6-79-82 Je '67
Take into consideration the increasing incomes of the population R. Altynbaev, Ekon. i zhizn' no. 7-83-81 '67
- 338 4 **FORMS OF PRODUCTION. DISTRIBUTION OF INDUSTRY**
Classification of basic capital assets in the petroleum refining industry, O. D. Lukshina, Khim. i tekhn. topl. i masel' 12 no. 12 23-25 D '67.
Economic efficiency of building large blast furnaces, P. A. Shkriabov, L. A. Poliakova, IU. I. Gokhman, Stal' 27 no. 11:1043-1048 N '67.
Hydrogen requirement in various technological systems for refining sulfurous oils, IU. I. Chernyi, S. A. Feigin, Khim. i tekhn. topl. i masel' 12 no. 10 30-34 O '67
Industrial syndicates, IU. Faerman, Mat. i tekhn. snabzh. 2 no. 9 33-41 S '67.
- 338 4(474)—Baltic Republics
Concentration of the production of the Baltic goods industry of the Baltic Economic Region, L. I. Veiter, Izv. vys. ucheb. zav. i tekhn. tekhn. prom., no. 5 8-11 '65.
- 338 5 **PRICE AND VALUE COST**
Comparative economic estimate of the new building and the reorganization of Donetsk Basin coal mines, P. Z. Zilagin, B. L. Raikhel', Ugol' 12 no. 9 18-23 S '67
Correct price determination is a prerequisite for the efficient use of milk resources, A. Kats, Vop. ekon., no. 12 48-56 D '67.
Decisions of arbitration agencies, Sots. zakon, no. 9 89-90 S '67
Determining maintenance costs of seam drifts for the reverse order of mining levels and stories, M. P. Zborshchuk, A. S. Bratishko, B. A. Platenko, Ugol' 42 no. 8 46-50 Ag '67
El'mkin, V. S. [Operation control over the cost of production] 'Operativnyi kontrol' za izderyzhkami proizvodstva, Moskva, Finansy, 1967 87 p.
Grouping of expenditures for the operation of automotive transport, Sh. Mursatimov, Bukh. uch. 26 no. 8 49-53 Ag '67.
Influence of more accurate calculations of electric loads and changes in cable geometry on the consumption of nonferrous metals, A. E. Iakovlev, Gor. elektromekh. i avtom., no. 8 48-54 '67
Influence of regional prices on the creation of equal conditions of management on collective farms, P. Karpov, Trudy INKh no. 44-75-86 '67.
Price, and price determination in cotton growing, A. Burnashev, Ekon. i zhizn' 9 no. 8 85-87 Je '67
Price, and the distribution of a necessary product, S. A. Vecherskii, Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Polit. ekon., no. 8 116-126 '67.
Prices for cotton and wooden fabrics, E. A. Tsetykovskaya, T. B. Ivanova, Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Polit. ekon., no. 8 127-135 '67.
Role of price in regulating the consumer goods market, A. Levin, Trudy INKh no. 44 88-97 '67
Technical and economic bases for using inclined paths in mine stations with the loading without hoppers, V. D. Stepanenko, Nauch. trudy KNIUI no. 17 60-66 '65.
Technical and economic estimate and selection of explosives, B. V. Pozdnyakov and others, Gor. zhur., 142 no. 5 37-38 My '67
Toward new heights in production, Okhr. truda i sots. strakh., 10 no. 12 1-2 D '67.
- 338 5(4/9.103)—Communist countries of the world
Main trends in improving prices in the mutual trade among the countries participating in the Comecon, V. Diachenko, Vop. ekon., no. 12 64-74 D '67.
- 338 5(477)—Ukrainian S.S.R.
The party organization of Kiev Province at the forefront of the struggle for the lower production costs during the seven-year plan, V. K. Palishko, Ukr. ist. zhur., 11 no. 7 106-110 Ji '67.
- 338 6 **ORGANIZATION OF PRODUCTION**
Itin, L. L., R. E. Leshchiner, and L. I. Uliatki. [Methods of justifying the concentration and specialization of production] Voprosy metodiki obosnovaniia kontsentratsii i spetsializatsii proizvodstva, Pod red. L. I. Itina, Moskva, 1967, 63 p.
New trends in international monopolies, T. Belous, Nov. vrem., 25 no. 50, 27-28 D '67.
Reducing expenses for the maintenance of workings, executed in disturbed rocks, V. F. Boliaev, A. V. Plastoiov, V. E. Savin, Gor. zhur., 142 no. 5, 34-35 My '67.
- The reform and man, A. M. Birman, Vop. filos., 21 no. 12 26-36 '67.
Some results of the reorganization of coal mines, R. G. Mordukhovich, Ugol' 42 no. 9 27-30 S '67
Work experience in the No. 2 Mine of the Estonian State trust under the new conditions of planning and economic incentives, S. IU. Randaru, Ugol' 42 no. 9 23-27 S '67.
- 338 6(7)—North America
100 largest companies of the U. S. A., Mit. ekon. i meshdunar. otn., no. 12 125-129 '67.
- 338 6(73)—United States of America
Fleets of Latin-American countries under pressure of monopolies in the U. S. A., IU. Mamonov, Mor. flot 27 no. 11 39-40 N '67
- 338 9 **FACTORS OF PRODUCTION. FORM OF ECONOMY, ETC.**
Distribution of Soviet industry in 1960-1970, N. T. Agafonov, Izv. AN SSSR, Energ. i transp., no. 5-110-419 S-O '67
Subsidiary enterprises and cottage industries in rural areas, R. Bogolepov, Sov. iust., no. 22 9-10 N '67
- 338 9(4/9.104)—Capitalist countries of the world
Problems in the development of the old industrial regions of capitalist countries, IU. A. Kolesova, Vest. Mosk. un. Ser. 5' Geog., 22 no. 4 106-108 Ji-Ag '67.
- 338 9(496)—European communist countries as a group
Typology of industrial regions in the European socialist countries outside the U. S. S. R., I. M. Maleigolz, Vest. Mosk. un. Ser. 5' Geog., 22 no. 6 57-65 N-D '67.
- 338 9(571.151)—Gorno-Altai Autonomous Province
Industries of Gorno-Altai Autonomous Province during the seven-year plan, V. N. Nartsov, Izv. Al. otd. Geog. ob-va SSSR, no. 6-15-23 '65.
- 338 9(571.6)—Soviet Far East
Industrial development of the Soviet Far East, A. I. Krushanov, Ist. SSSR no. 5-54-73 S-O '67
- 338 9(571.651)—Chukchi National District
Role of the party organization of Chamskiy District in the industrial development of the Chukchi National Area, G. G. Rosichupkin, Trudy SVKNI no. 17 150-159 '67.
- 338 9(574)—Kazakh S.S.R.
[History of the industrialization of the Kazakh S. S. R.; 1928-June 1941, in two volumes] Istoriia industrializatsii Kazakhskoi SSR (1928-Iyun' 1941 gg.) v dvukh tomakh. Alma-Ata, (Istoriia industrializatsii SSSR, dokumenty i materialy) Vol. 2, [1933-June 1941] 1933 - Iyun' 1941 gg. Pod red. S. B. Baishova, 1967, 432 p.
Industrial development of Kazakhstan during the Soviet regime, G. A. Shibanov, I. D. Nazarenko, Vest. AN Kazakh. SSR 23 no. 7 3-19 Ji '67.
Triumph reports, Nar. khoz. Kazakh, 25 no. 12 30-31 D '67.
- 338 9(73)—United States of America
Kuklina, L. N. [Depreciation of fixed capital in the industry of the U. S. A.] Amortizatsia osnovnogo kapitala v promyshlennosti SShA, Moskva, Nauka, 1967 164 p.
- 338.98 **ECONOMIC PLANNING AND CONTROL**
On the eve of the general economic reform, B. M. Shecharanskii, Ugol' Ukr., 11 no. 7 61-62 Ji '67.
- 339 **DISTRIBUTION. CONSUMPTION OF WEALTH OR GOODS. STANDARD OF LIVING, ETC.**
Hidden potentialities of socialist industry in the service of the Soviet people, M. Solomentsev, Kommunist 44 no. 18 25-32 D '67.
Improving the welfare of the people is the uppermost concern of the party and state, S. Genn. Sots. trud., 12 no. 11:29-38 N '67.
In the Central Committee of the CPSU, We must persistently improve the quality, dependability, and durability of produced goods, Kommunist 44 no. 18 3 D '67.
Legal protection of natural resources, V. Muntian, Rad. pravo 30 no. 12, 68-70 D '67.
Natural and economic regionalization for purposes of regional planning, L. P. Altman, Vest. LGU 22 no. 24:166-167 D '67.
Price, and the distribution of a necessary product, S. A. Vecherskii, Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Polit. ekon., no. 8 116-120 '67.
The problem of conservation of natural resources, N. A. Gladkov, Vest. Mosk. un. Ser. 5' Geog., 22 no. 6 74-79 N-D '67.
- Rusanov, E. S., and L. P. Kuprienko. [Development of production and improvement of the living standards of the Soviet people] Razvitiie proizvodstva i rost zhit'nogo urovnia sovetskogo naroda, Moskva, Ekonomika, 1967 20 p.
Sarkisian, G. S., and N. P. Kuznetsova. [Family demands and income] Potrebnosti i dokhod sem'i. Moskva, Ekonomika, 1967 174 p.
- 339 4(9.104)—Capitalist countries of the world
Government consumption, and changes on the capitalist market, V. Kuznetsov, Mit. ekon. i meshdunar. otn., no. 12 26-38 '67
- 339 4(71.310)—Moscow City
Makarenkov, M. E. [In the interest of everybody] V interesakh kazhdogo [Moskva] Mosk. rabochii, 1967, 87 p. (V pomoshch' agitatoru i propagandistu)
- 339 4(71.45)—Vologograd Province
Family budget of the Tverdokhlebova, V. Myrlikov, Mol. komm., no. 10 37-41 '67.
- 34 **JURISPRUDENCE. LAW LEGISLATION**
The Great October Socialist Revolution and law, N. G. Aleksandrov, Izv. vys. ucheb. zav., prav., no. 5-27-36 S-O '67.
History of the classified systematization of laws in the U. S. S. R., A. V. Minskovich, Izv. vys. ucheb. zav.; prav., no. 5 112-139 S-O '67.
How progressive theory helps practical workers, Kh. Sheindin, Sov. iust., no. 22-11-12 N '67
Our New Year's interviews, Sov. iust., no. 122-25 Ja '68.
Socialist understanding of law and human rights, I. I. Faiber, Sov. iust., no. 24 6-8 D '67
Some problems concerning the development of Soviet jurisprudence in law schools, I. A. Mokichev, Izv. vys. ucheb. zav., prav., no. 5 10-26 S-O '67.
Soviet schools of higher legal education during the last 50 years, N. S. Alekseev, L. A. Shilov, Izv. vys. ucheb. zav.; prav., no. 5 7-17 S-O '67.
To achieve success in study you have to combine it with practical work, V. Baskov, Sots. zakon, no. 9 47-50 S '67.
The use of electronic computers in the implementation of legal norms, V. I. Ivanov, S. S. Moskv. Sov. gos. i pravo no. 12 90-99 D '67.
- 34(438)—Poland
Legal education in the People's Republic of Poland, Marian Cieslak, V. I. Chujunov, Vest. vys. shkoly 25 no. 10-86-88 O '67.
- 34(477)—Ukrainian S.S.R.
History of the development of Soviet legal theory in the Ukraine, E. Skripilov, Sov. gos. i pravo no. 12 133-134 D '67.
Jurisprudence of the Ukrainian S. S. R. during the last 50 years, B. Babit, Rad. pravo 30 no. 12 42-47 D '67
- 34(496)—European communist countries as a group
A symposium of the young scholars of socialist countries, L. Zagladov, N. Smirnova, Sov. gos. i pravo no. 12 131-133 D '67
- 347(474.3)—Latvian S.S.R.
Latvian S. S. R. Laws, statutes, etc. [The civil law code of the Latvian Soviet Socialist Republic] Grazhdanskii kodeks Latvisskoi Sovetskoi Sotsialisticheskoj Respubliki, Riga, Liesma, 1967, 518 p.
- 34(575.3)—Tajik S.S.R.
Amendment of the 1 R. M. Romanov
- 340 **LA**
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FORENSIC MEDICINE AND CHEMISTRY MEDICAL JURISPRUDENCE

Criminality of psychopathic persons from the viewpoint of preventing law infringement. O. E. Freizerov. Sud.-med. ekspert. 10 no. 1 40-46 O-D '67.
Death caused by rupture of horseshoe kidney in a blunt abdominal trauma. D. N. Medvedev. Sud.-med. ekspert. 10 no. 1 49-50 O-D '67.

Development of forensic medical expertise of material evidence in the U. S. S. R. M. A. Bronnikova, A. S. Garkavi. Sud.-med. ekspert. 10 no. 4 3-7 O-D '67.
Device for collecting dust and minute particles. M. B. Vander. Sud.-med. ekspert. 10 no. 4 46-48 O-D '67.
Differentiation of excretions of the human body by emission spectral analysis. L. O. Barsigants. Sud.-med. ekspert. 10 no. 4 30-31 O-D '67.

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Ethical wound inflicted with a toy pistol. I. U. P. Edel. Sud.-med. ekspert. 10 no. 4 50-51 O-D '67.

Methodology of studying the distribution of trace elements in human organs. M. B. Tabakman. Sud.-med. ekspert. 10 no. 4 21-27 O-D '67.
Morphology of the changes in the wall of blood vessels under the effect of blows with hard blunt objects. I. U. V. Kuznetsov. Sud.-med. ekspert. 10 no. 4 13-16 O-D '67.

Plenum of the Board of the All-Union Scientific Society of Medical Examiners and Forensic Medical Experts. F. L. Kuter, M. B. Tabakman. Sud.-med. ekspert. 10 no. 1 57-60 O-D '67.

Poisoning with sodium fluorosulfate. I. U. V. Kolesov. Sud.-med. ekspert. 10 no. 4 52 O-D '67.

Postmortal changes in the elastic structures of pulmonary vessels and bronchi in head trauma and strangulation. V. I. Boguslavskii. Sud.-med. ekspert. 10 no. 1 16-18 O-D '67.

Rassolkin, D. P. [Examining the place of crime and the victim's corpse in the investigation of murder cases] Osmotr mesta proisshchivaniia i tiupa pri rassledovanii ubitstva. Saratov, Privolzhskoe knizhnoe izd-vo, 1967 161 p.

The relation of cause and effect in the light of judicial practice. L. Andreeva. Sov. iust. no. 18 10-11 S '67.

Some methods of expertise in live birth. O. I. Kaufman, A. I. Lukov. Sud.-med. ekspert. 10 no. 1 28-30 O-D '67.

Traumatic dismembering of the trunk in an automobile accident. V. M. Zelengurav, R. A. Gataiko. Sud.-med. ekspert. 10 no. 4 18-19 O-D '67.

Thermal gunshot wound. L. R. Vitrak, I. F. Eliseeva. I. Ientch. Sud.-med. ekspert. 10 no. 4 51-52 O-D '67.

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Conditions of non blockades under modern international law. L. A. Ivanushchenko. Mol. sbor. 51 no. 11 65-69 N '67.

Law is a powerful weapon in the defense of peace. I. Karpota. Sov. iust. no. 22 1-2 N '67.

Soviet law and international law. N. V. Milonov. Izv. vya. ucheb. zav., prav. no. 5 154-155 S-O '67.

341.1 WORLD ORGANIZATION. REGIONAL UNIONS, ETC

Rehearsal before the meeting in Delhi. I. U. Mitutin. Mezhdunar. zhizn' 15 no. 1 65-66 Ja '68.

What the General Assembly did and did not decide. Nov. vrem. 25 no. 3 1-4 Ja '68.

341.2 INTERNATIONAL RELATIONS AND TREATIES

Anniversary of the Tashkent Conference. Nov. vrem. 25 no. 2 1-4 Ja '68.

Common cause. Nov. vrem. 25 no. 2 2-3 Ja '68.

Dangerous anachronism. N. I. Ilev. Mezhdunar. zhizn' 15 no. 1 19-21 Ja '68.

The Great October Socialist Revolution and the early stage in the disintegration of the imperialist system of unequal treaties. V. G. Boiarshinov. Izv. vya. ucheb. zav., prav. no. 5 119-123 S-O '67.

Lenin's Decree on Peace and the establishment of the diplomatic apparatus of the Soviet state. G. K. Amelin. Sov. gos. i pravo no. 12 58-64 D '67.

NATO Not just a demonstration. V. Pustov. Nov. vrem. 25 no. 1 11-12 Ja '68.

The position of NATO is unchanged. A. Antonov. Nov. vrem. 25 no. 52 15-16 D '67.

Unequal rights of contracting parties in military agreements and international law. V. G. Boiarshinov. Sov. gos. i pravo no. 12 119-122 D '67.

341.2 (433)—Federated Republic of Germany

The October Revolution, international law, and the "Eastern policy" of the Bonn Government. H. Kroeger. Sov. gos. i pravo no. 12 102-110 D '67.

341.2 (436)—Austria

Useful relations. Gusti Zieckler. Vsem. prof. dvizh. no. 7 38-39 O '67.

341 2 (47)—Union of Soviet Socialist Republics [U. S. S. R.]

Useful relations. Gusti Zieckler. Vsem. prof. dvizh. no. 7 38-39 O '67.

341.2 (73)—United States of America

AID is a weapon of neocolonialism. A. Akimov. Mezhdunar. zhizn' 15 no. 1 152-153 Ja '68.

342 PUBLIC LAW CONSTITUTIONAL LAW

History of the supreme courts of the Union Republics, Justice born of the October Revolution. Blud. Verkh. Suda no. 5 10-32 '67.

Lawsuits instigated by public prosecutors as a way to prevent the infringement of rights and the violation of law. I. A. Ivanovskii. Sots. zakon. no. 8 44-47 Ag '67.

Socialist understanding of law and human rights. I. Father. Sov. iust. no. 23 6-8 D '67.

342 (437)—Czechoslovakia

Principal features of the constitutional development of Czechoslovakia after May 9, 1945. B. N. Topornin. Sov. slav. no. 1 58-67 Ji-Ag '67.

343 CRIMINAL LAW

Against the "biologization" of the sources of crime. V. Ledashchev. Sov. iust. no. 1 13-14 Ja '68.

The concept of criminal responsibility. A. A. Piontkovskii. Sov. gos. i pravo no. 12 40-48 D '67.

Controversial problems concerning the responsibility for individualism. M. Elimov. Sov. iust. no. 23 18 D '67.

Decisions of the Presidium of the Supreme Court of the U. S. S. R. Sov. iust. no. 23 28-30 D '67.

Decree of the Presidium of the Supreme Soviet of the U. S. S. R. of October 31, 1967. Sov. iust. no. 23 28 D '67.

Defense in disorderly conduct cases. I. Malev. Sov. iust. no. 18 28-29 S '67.

Determination of a crime should correspond to the purpose of law. A. Ignatov. Sov. iust. no. 22 23 N '67.

Disproportionate punishment as a ground for a protest against the sentence. I. Sapozhnikov. Sots. zakon. no. 8 40-43 Ag '67.

Gapanovich, N. N. [Refusal to instigate a criminal lawsuit] Otkaz v vozbuzhdenii ugolovnogo dela. Minsk, Vyssheshkola, 1967 43 p.

History of all-Union Soviet criminal law. A. Gertsenzon. Sots. zakon. no. 6 20-23 Je '67.

How Soviet courts struggled against the counterrevolution in the period of the reconstruction of the national economy, 1921-1925. I. U. Titov. Sots. zakon. no. 9 9-12 S '67.

In the Office of the Public Prosecutor of the U. S. S. R. Sots. zakon. no. 6 56 Je '67.

Material loss should be fully recompensed without delay. I. Grishanin, V. Kallnin. Sots. zakon. no. 6 30-33 Je '67.

The relation of cause and effect in the light of judicial practice. L. Andreeva. Sov. iust. no. 18 10-11 S '67.

Rulings of the Judicial Collegium for Criminal Cases of the Supreme Court of the U. S. S. R. Blud. Verkh. Suda no. 5 43-46 '67.

Soviet criminal law is a system of rules of the new and highest type. P. I. Grishanov. Izv. vya. ucheb. zav., prav. no. 5 105-112 S-O '67.

The suspect or the accused? A. Chuvilev. Sov. iust. no. 23 11-12 D '67.

Trial practice in rape cases. V. Shubin. Sov. iust. no. 22 17-18 N '67.

Under the cover of night (conclusion). V. Tonkikh. Sov. iust. no. 23 24-25 D '67.

Use of firearms in a way that would endanger other people's lives should be punishable. P. Dagel. Sov. iust. no. 18 16-17 S '67.

We should intensify the struggle against the pilfering of state and communal property. V. Bratkovskaya. Sots. zakon. no. 8 33-36 Ag '67.

What form of hoedgiamism should be considered a crime aggravated by the use of arms? I. Tiazhkova. Sov. iust. no. 18 18-19 S '67.

343 (61)—New States

Early history of criminal law in the independent states of Africa. V. Likhachev. Sov. iust. no. 22 31-32 N '67.

343 (431)—German Democratic Republic

Proposed new criminal and criminal procedure codes of the German Democratic Republic. L. Pundorf, G. Changuli. Sots. zakon. no. 6 75-77 Je '67.

343 (433)—Federated Republic of Germany

Who murdered Rosemarie Nitribitz? (to be concluded). Guenther Prodl. Sots. zakon. no. 8 77-81 Ag '67.

Who murdered Rosemarie Nitribitz? (conclusion). Guenther Prodl. Sots. zakon. no. 8 68-72 S '67.

343 (477)—Ukrainian S. S. R.

Development of lay prosecution and lay defense in the legislative enactments of the Ukrainian S. S. R. M. Blykhenko. Rad. pravo 30 no. 12 69-92 D '67.

343 (496)—European communist countries a group

General trends in the development of criminal law in socialist countries. N. V. Linaas. Vost. LGU 22 no. 17 125-128 S '67.

Problems of the forms of punishment not connected with detention and imprisonment. V. Kudriltsev. Sov. iust. no. 1 27-28 Ja '68.

343 (6)—Africa

Early history of criminal law in the independent states of Africa. V. Likhachev. Sov. iust. no. 22 31-32 N '67.

343.8 PENOLOGY CRIME PREVENTION AND DETERRENTS

Answering our readers' questions. Sov. iust. no. 1 32 Ja '68.

Crime prevention is our most important objective. N. Shchelokov. Sots. zakon. no. 8 7-16 Ag '67.

For more efficient corrective labor without imprisonment. A. Sharipov. Sots. zakon. no. 8 57-60 Ag '67.

Individualization of penalties by taking into account the facts which reveal the personality of the convict. I. U. Manev. Sots. zakon. no. 9 33-35 S '67.

Legislative enactments. Rad. pravo 30 no. 12 104-105 D '67.

Let us analyze the struggle against crime more profoundly. I. Karpota. Sots. zakon. no. 8 25-29 Ag '67.

The methods of general supervision in crime prevention. P. Petrenko, A. Skorenko. Sots. zakon. no. 9 58-59 S '67.

The ways to prevent the pilfering of farm produce. A. Slabukha. Sots. zakon. no. 6 59-60 Je '67.

343.8 (471.315)—Ivanovo Province

Effective work of an interdepartmental conference. A. Gorbunov. Sots. zakon. no. 6 68 Je '67.

343.8 (477)—Ukrainian S. S. R.

The methods of general supervision in crime prevention. P. Petrenko, A. Skorenko. Sots. zakon. no. 9 58-59 S '67.

The power of public opinion. N. Korotkov, V. Arnsauk. Sots. zakon. no. 9 67-68 S '67.

343.8 (478)—Moldavian S. S. R.

Ensuring a strict observance of laws is a problem facing our district party organization. I. Dumonpianov, K. Nikitenko. Sots. zakon. no. 6 22-24 Ag '67.

343.8 (496)—European communist countries a group

Problems of the forms of punishment not connected with detention and imprisonment. V. Kudriltsev. Sov. iust. no. 1 27-28 Ja '68.

343.8 (575.2)—Kirghiz S. S. R.

Efforts of the people's court of the Sverdlov District of Frunze to prevent criminal offenses. A. Sachenko. Sots. zakon. no. 6 67-68 Je '67.

343.8 (575.4)—Turkmen S. S. R.

Crime prevention in the Turkmen S. S. R. A. Almamezh. Sots. zakon. no. 8 30-32 Ag '67.

343.8 (73)—United States of America

The prisoner of Alcatraz (conclusion). Thomas E. Gaddis. Sov. iust. no. 18 20-31 S '67.

343.9 CRIMINOLOGY

Against the "biologization" of the sources of crime. V. Ledashchev. Sov. iust. no. 1 13-14 Ja '68.

Conditions which require the investigation of criminal offenses by several criminal investigators. A. Gerasim. Sots. zakon. no. 6 51-53 Je '67.

"Especially dangerous recidivists" in the light of a criminological study of the recidivists convicted for the commission of simple or armed robbery. S. Stepichev, G. Moiseenko. Sov. iust. no. 1 19-20 Ja '68.

Establishment of the type and identification of Soviet small-caliber firearms based on the empty cases. V. M. Saakian. Uch. zap. Erev. un. 101 73-125 '65.

Experience in studying the suggestions of criminal investigators and public prosecutors and the rulings of courts. V. Stashis, M. Bazhanov, A. Senchin. Sots. zakon. no. 9 25-26 S '67.

A "fellow-traveler." S. Ivanov. Sots. zakon. no. 6 73-74 Je '67.

Let us improve the work of courts in the struggle against crime. Sov. iust. no. 23 9-10 D '67.

Let us persistently try to improve the methods of criminal investigation V M Sots, zakon no 9 77-78 S '67

Let's extend the participation of defense lawyers in pretrial examinations V Kovalev Sov, iust no 23 23 D '67

Organization of the public prosecutors' and criminal investigators' work N Sapozhnikov, Sots zakon no 8 37-39 Ag '67

Pages from the history of Soviet criminology during the last 50 years I. I. Krylov, Izv. vys. ucheb. zav., prav., no. 5 113-121 S-O '67.

Psychology of juvenile delinquents G Bozhareva, Sov iust no 22 15-16 N '67

Rasselskin, D. P. [Examining the place of crime and the victim's corpse in the investigation of murder cases] Osmol mesta proisshествiya i trupy pri rassledovanii ubistv Saratov, Privolzhskoe knizhnoe izd-vo, 1967 151 p

Role of the adults who participate in the criminal activity of minors E. Kharshak Sov, iust no 23 12-13 D '67

She understands that each accused is a human being. I Panchishin Sots, zakon no 6 69-70 Je '67

Social determinants of criminal behavior and the role of biological factors V. Kudriavtsev Sots, zakon no. 6 45-50 Je '67.

Struggle against the inducement of minors to delinquency is an important form of crime prevention G. Min'kovskii, I. Kancvskii Sov iust no 18 20-21 S '67

Under the cover of night (to be concluded), V. Tonkikh Sov iust no 22 21-25 N '67

Well-organized and efficient work is the most typical characteristic of public prosecutors and criminal investigators, Sots, zakon no 6 3-8 Je '67.

343 9(476)—White Russian S. S. R.

How public prosecutors supervise the legality of police action in the investigation of complaints and materials on criminal offenses, L. Drobyshevskii Sots zakon, no 5 57-59 Je '67.

343 9(477)—Ukrainian S. S. R.

Role of the family and society in the rearing of children, V. Kozry, IE, Korovina, A. Horbunova Rad, pravo 30 no. 12 80-84 D '67

343 9(73)—United States of America

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347 PRIVATE LAW. CIVIL LAW

Basic trends in the present-day regulation of social relations in civil law, S. V. Polonina, Izv. vys. ucheb. zav., prav., no. 5 95-104 S-O '67.

Benefits for medical workers, Sov. profsoyuzy 23 no. 22 46-47 N '67.

Civil law under the new conditions, O. N. Sadikov, Sov. gos. i pravo no. 12 75-82 D '67.

Decisions of arbitration agencies Sov. iust, no 22 27 N '67.

Developing the function of protection of rights in the sphere of civil law relations with the participation of Soviet citizens, K. S. Tudei'son, Izv. vys. ucheb. zav., prav., no. 5 158-163 S-O '67.

Disputable and indisputable problems, V. Tarkhov, Sots, zakon, no. 8 60-61 Ag '67.

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History of Soviet family law, IU. Korolev, Sots, zakon, no. 9 12-16 S '67.

How public prosecutors supervise the examination of civil law cases concerning the rights of children, V. Tadevosian, Sots, zakon, no 8 39-42 Je '67.

Initial term of the statute of limitations N. Katarzhinskaya, Sov, iust no 18 12-13 S '67.

The "Land decree" and the early stage of great agrarian reforms in rural areas, A. M. Kulandadze, A. I. Korolev, Izv. vys. ucheb. zav., prav., no. 5 37-45 S-O '67.

Let's intensify our efforts to prevent the violation of civil law, D. Shvetsov, Sots, zakon, no. 8 55-56 Ag '67.

Material responsibility of workers and employees, B. Shelomov, Sov. profsoyuzy 23 no. 22 44-45 N '67.

Notes of a notary public, M. Gulin, Sov, iust, no. 1 29 Ja '68.

Participation of a "third party" in the carrying out of contractual obligations, Z. Krylova, Sov, iust, no. 22 21-22 N '67.

Patent laws in the early period of the Soviet state, IE Mol'nyk, Rad, pravo 30 no. 12 93-97 D '67.

Procedure in the exchange of rooms and apartments, G. Aimenfeld, Sots, zakon, no. 8 84-85 Je '67.

The rights of Soviet youth, I. Lanovenko, O. Sviatlov, V. Shaposhnikov, Rad, pravo 30 no. 12 63-68 D '67.

Rulings of the Judicial Collegium for Civil Cases of the Supreme Court of the U. S. S. R., Biul. Verkh. Suda no. 5 40-42 '67.

Rulings of the Military Collegium of the Supreme Court of the U. S. S. R., Biul. Verkh. Suda no. 5 47 '67.

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Concern for increasing the educational role of the people's courts Pait, zhizn' no 24 56-57 D '67

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Decisions of the plenary session of the Supreme Court of the U. S. S. R. in individual cases, Biul. Verkh. Suda no. 5 34-39 '67.

Decree of the Presidium of the Supreme Soviet of the U. S. S. R. of September 30, 1967, Sov iust, no. 22 28 N '67

To defend without trying to justify the action of the accused I Sukharev Sov iust no. 18 15-16 S '67

Defense in disorderly conduct cases E. Malev Sov iust no 18 28-29 S '67

Disproportionate punishment as a ground for a protest against the sentence, I. Sapozhnikov, Sots, zakon, no. 8 40-43 Ag '67.

Establishment of casual relationship in the findings of expert witnesses, A. Pallashevii Sots, zakon, no 6 54-55 Je '67.

Evection arising from the appropriation of landed property for the needs of government and society, A. I. Pergament, Sov. gos. i pravo no. 12 126-130 D '67.

Examination of civil law cases M. Frolov, Sots, zakon, no. 9 52 S '67.

Experience in studying the suggestions of criminal investigators and public prosecutors and the rulings of courts V. Shashin, M. Bazhanov, A. Semchin Sots zakon no 9 25-26 S '67.

The 50th anniversary of the Great October Revolution, pages from the history of Soviet courts, Biul. Verkh. Suda no. 5 6-9 '67.

Gapanovich, N. N. [Refusal to instigate a criminal lawsuit] Otkaz v возбужdenii ugolovnoogo dela Minsk, Vyshelskaya shkola, 1967 43 p.

Good deeds, M. Nasybulin, Sots, zakon, no. 9 60-62 S '67.

Har vacation, V. Kulikov, Sov, iust, no. 23 20 D '67.

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How progressive theory helps practical workers, Kh. Sheinin, Sov, iust no. 22 11-12 N '67

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How public prosecutors supervise the observance of laws, Sots, zakon, no. 9 84-88 S '67.

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Judicial practice should be uniform, A. Lugovskaya, Sots, zakon, no. 9 40-43 S '67.

Lawsuits filed by public prosecutors are a way to protect the property of collective farms, P. Kyrylenko, V. Shevchuk, Rad, pravo 30 no. 12 75-78 D '67.

Lawsuits instigated by public prosecutors as a way to prevent the infringement of rights and the violation of law, IA. Anovskii, Sots, zakon, no. 8 44-47 Ag '67

Let us eliminate shortcomings in the passing of sentences, IU. Anosov, Sots, zakon, no. 9 31-32 S '67.

Let us improve the forms and methods of the organizational work of province courts, E. Kuz'menko, F. Troshchikov, Sots, zakon, no 9 55-57 S '67.

Let us improve the work of courts in the struggle against crime Sov, iust, no. 23 9-10 D '67.

Let us improve the work of courts relating to the struggle against hooliganism, G. Anashkin, E. Frokhorova, Sots, zakon, no. 9 27-30 S '67.

Let's extend the participation of defense lawyers in pretrial examinations, V. Kovalev, Sov, iust, no. 23 23 D '67.

Meet the people of your profession, I. Panchishin, Sots, zakon, no. 8 63-65 S '67.

Methods of adopting the practice of public prosecution agencies, G. Toropov, Sots, zakon, no. 9 34-38 Je '67.

"My work is my life," Natal'ia Kuznetsova Sov iust no 18 8-9 S '67

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Organization of the public prosecutors' and criminal investigators' work, N. Sapozhnikov Sots, zakon, no. 8 37-39 Ag '67

Out-of-town sessions, Kh. Chidainov, Sots, zakon no 9 51-52 S '67.

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Results of a review, G. Pavlov, Sov, iust, no. 1 20 Ja '68.

Review of final judicial decisions, judgments, and rulings by reason of newly discovered circumstances I. Zaitsev, Sov iust no 18 22-23 S '67

Rulings of court presidiums in the supervisory examination of judicial decisions and sentences, S. Zulalova, Sots, zakon, no 8 61-63 Ag '67.

Rulings of the Judicial Collegium for Civil Cases of the Supreme Court of the U. S. S. R., Biul. Verkh. Suda no 5 10-12 '67

Rulings of the Judicial Collegium for Criminal Cases of the Supreme Court of the U. S. S. R., Biul. Verkh. Suda no. 5 43-46 '67.

"Severe warmheartedness," G. Gordin, Sots, zakon, no. 8 74-76 Ag '67.

Some problems concerning the work of comrades courts, I. Mikhailovskii, Sov, iust, no. 1 24-26 Ja '68.

A street named after a people's judge, V. Pankova, Sots, zakon, no. 6 28-29 Je '67.

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Testimony of the expert witnesses of traffic accidents, L. Ivanov, Sov, iust, no. 1 21-23 Ja '68.

Trial practice in rape cases, V. Shubin, Sov, iust, no 22 17-18 N '67.

Triumph of V. I. Lenin's ideas on the role of courts, Biul. Verkh. Suda no. 5 3-5 '67.

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Verification and evaluation of the testimony of witnesses by the court, V. Alekseev, A. Bolkov, Sov, iust, no. 1 15-16 Ja '68.

We should earn the confidence of our people, Sov, iust, no. 1 1-3 Ju '68.

Well-organized and efficient work is the most typical characteristic of public prosecutors and criminal investigators, Sots, zakon, no 6 1-8 Je '67.

Work organization in the courts of city districts, I. Kudinov, Sots, zakon, no. 9 53-54 S '67

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347. 0(431)—German Democratic Republic

Proposed new criminal and criminal procedure codes of the German Democratic Republic, L. Pendorf, G. Changull, Sots, zakon, no. 6 75-77 Je '67.

347. 0(438)—Poland

The law on the Office of the Public Prosecutors of the Polish People's Republic Josef Polowoda Sots, zakon no. 9 68-67 S '67.

347. 9(471. 310)—Moscow City

Let us improve the work of courts! N. Kashkatov, Sov, iust, no. 18 27-28 S '67

347. 9(471. 45)—Volgograd Province

Comrades courts and auxiliary police units in action, Sots, zakon, no. 8 71-73, 76 Ag '67.

347. 0(471. 61)—Rostov Province

Adopt the best methods! T. Urmancheev, Sov, iust, no. 23 21 D '67.

347. 0(474. 3)—Latvian S. S. R.

The courts of Latvia, E. Veinberg, Sots, zakon, no. 8 19-20 Ag '67.

347. 0(477)—Ukrainian S. S. R.

Decisions of the Supreme Court of the Ukrainian S. S. R., Rad, pravo 30 no. 12 88-103 D '67.

Development of lay prosecution and lay defense in the legislative enactments of the Ukrainian S. S. R., M. Mykhailenko, Rad, pravo 30 no. 12 89-92 D '67.

Organization of legal proceeding in the people's courts, II. Pikhura'kyi, Rad, pravo 30 no. 12 81-85 D '67.

347. 9(477. 8)—Western Ukraine

Before the courts of their comrades, A. Karpets', A. Chumak, Rad, pravo 30 no. 12 77-80 D '67.

- 347.9(571 52)—Tuva A.S.S.R.
Comita and public prosecutors of the Tuva A.S.S.R. in the past and now V. Iezutov. Sots. zakon. no. 8-23-26 Je '67
- 347.9(574)—Kazakh S.S.R.
In the heart of life. A. Danilov. Sots. zakon. no. 6-70-72 Je '67
- 347.9(575.2)—Kirghiz S.S.R.
The 40th anniversary of the Supreme Court of the Kirghiz S.S.R. A. Supataev. Sots. zakon. no. 8-17-19 Ag '67.
- 347.961 NOTARIES
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- 347.996 ARBITRATION
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Decisions of arbitration agencies. Sots. zakon. no. 8-90 Ag '67.
Decisions of arbitration agencies. Sots. zakon. no. 9-89-90 S '67.
Decisions of arbitration agencies. Sov. iust. no. 18-31 S '67.
Decisions of arbitration agencies. Sov. iust. no. 22-27 N '67.
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- 347.096(571 14)—Novosibirsk Province
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- 35 PUBLIC ADMINISTRATION. ADMINISTRATIVE LAW
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- 35(479 22)—Georgian S.S.R.
Centralizing and mechanizing the accounting of public institutions in the Georgian S.S.R. Sh. Baiduli. Bukhg. uch. 26 no. 8-30-31 Ag '67.
- 35.07 ADMINISTRATIVE AND GOVERNING BODIES
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Legal status of the collegiums of ministries. I. L. Davituni. Sov. gos. i. pravo no. 12 89-93 D '67.
- Nedavni, A. L. [Organs of governmental administration in the U.S.S.R., a manual for universities of Marxism-Leninism] Organy gosudarstvennogo upravleniya v SSSR, dlia universitetov marksizma-leninizma Moskva, Mysl', 1967, 62 p. (Osnovy sovetskogo gosudarstvennogo ustroystva i prava)
- Solov'ova, S. V. [Leninist principles of the organization and work of the Soviet governmental apparatus, a manual for universities of Marxism-Leninism] Leninisticheskiye printsipy organizatsii i delatel'nosti sovetskogo gosudarstvennogo apparata; dlia universitetov marksizma-leninizma. Moskva, Mysl', 1967, 54 p. (Osnovy sovetskogo gosudarstvennogo stroitel'stva i prava)
- A system of the organs of governmental administration during the building of communism. I. A. Azovkin. Sov. gos. i. pravo no. 12-65-74 D '67.
- 35.07(470)—White Russian S.S.R.
White Russian. Laws, statutes, etc. [Statute on the standing committees of the province, district, city, village, and settlement soviets of workers' deputies in the White Russian S.S.R. Adopted by the Presidium of the Supreme Soviet of the White Russian S.S.R., May 22, 1967] Palazhenko ab. pstatlannykh kamititakh ablasnykh, raonnykh, baradskikh, sel'skikh i piasial'kovykh sayetan doputatu pratsoumykh Belaruskai SSR. Zatsverdzhana Prezidiumam Viarkhounaha Saveta Belaruskai SSR 22 mala 1967 hoda. Minsk, "Belarus", 1967, 43 p.
- 35.08 PUBLIC SERVANTS AND PERSONNEL
Diplomacy of the new world. Nov. vrem. 25 no. 52-5-7 D '67.
- 35.08(437)—Czechoslovakia
People and events! Alexander Dubcek. Nov. vrem. 26 no. 2-10 Ja '68.
- 35.08(498)—Romania
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- 35.08(569 5)—Jordan
People and events Bahjat al-Talhouni. Nov. vrem. 25 no. 50 17 D '67
- 351 GOVERNMENT LEGISLATION PUBLIC SERVICES CONTROL REGULATIONS
Decisions of the Presidium of the Supreme Court of the U.S.S.R. Sov. iust. no. 23 26-30 D '67
Establishment of a special Soviet apparatus for the control of economic and cultural development, October 1917-July 1918 G. I. Petrov. Vest. LGU 22 no. 17 88-97 S '67
[Gazette of the Supreme Soviet of the U.S.S.R.] Ved. Verkh. Sov. SSSR 30 no. 49 D '67, 31 nos. 1-3 Ja '68.
How public prosecutors supervise the observance of laws Sots. zakon. no. 8 86-83 Ag '67
Improving the methods and forms of work of public control groups, materials of a sociological study I. F. Konstantinov. Vest. LGU 22 no. 17-122-125 S '67.
- 351(471)—Russian Soviet Federated Socialist Republic (R.S.F.S.R.)
[Gazette of the Supreme Soviet of the R.S.F.S.R.] Ved. Verkh. Sov. RSFSR 11 '67
- 351.74 POLICE. CIVIC GUARD. POLITICAL POLICE, STATE SECRET POLICE, ETC.
Participation of the masses in the organization of the Soviet police, October-December 1917 V. B. Kafitin. Izv. vya. ucheb. zav.; prav. no. 5 145-149 S-O '67.
The shield and sword of the socialist revolution. G. Vlasenko. Kommunist 44 no. 18 68-78 D '67
Trust guard of the security of the U.S.S.R. A. Nikolayev, V. Andronnikov. Part. zhizn' no. 24 9-14 D '67
We should strictly observe the law in subjecting a person to police supervision V. Samsonov, N. Beliaev. Sots. zakon. no. 9 36-38 S '67
- 351.74(471 45)—Volograd Province
Comrades courts and auxiliary police units in action Sots. zakon. no. 8 71-73, 76 Ag '67.
- 351.75 PUBLIC ORDER. SECURITY. CONTROL CENSORSHIP
Fifty years of guarding the Soviet Fatherland, V. Nikitchenko. Rad. pravo 30 no. 12 53-57 D '67.
- 351.82 ECONOMIC LEGISLATION AND CONTROL, AGRICULTURE, TRADE AND INDUSTRY
Legal forms of planning the management of industrial enterprises N. Klein. Sov. iust. no. 23 5-6 D '67
Legal means of improving the economic indicators of industrial enterprises V. Borisov. Sov. iust. no. 23 22 D '67
Legal rules governing the operation of the funds of material incentives T. M. Gandilov. Sov. gos. i. pravo no. 12 115-119 D '67
Protecting the rights of injured persons during the examination of their lawsuits. L. Maltanik. Sov. iust. no. 1-17-18 Ja '68.
- 351.82(431)—German Democratic Republic
Consulting lawyers of the industrial enterprises of the German Democratic Republic R. Osterland. Sov. iust. no. 23 25-27 D '67.
- 351.83 LABOR LEGISLATION AND CONTROL
Answering our readers' questions Sov. iust. no. 10-32 S '67
Application of individual norms of labor legislation where the five-day workweek is in effect. V. Lazarev. Sots. zakon. 12 no. 11-141-143 N '67.
Benefits granted to workers and employees in connection with their studies in institutions of higher and secondary education. M. Goroshchenko, L. Starodumova. Mat. tekhn. snabzh. 2 no. 9-88-89 S '67
Controversial problems of labor law. Zh. Akhmetov. Sots. zakon. no. 6 43-45 Je '67.
Decision No. 6 of the plenary session of the Supreme Court of the U.S.S.R. Sov. iust. no. 22-29-30 N '67.
Decision No. 7 of the plenary session of the Supreme Court of the U.S.S.R. Sov. iust. no. 22 30 N '67.
Disputes concerning remuneration for inventions and efficiency suggestions. I. Zenin. Sov. iust. no. 23 16-17 D '67.
Leave without pay. V. Smoliarshuk. Sots. zakon. no. 9-39-40 S '67
Legal advice. Rad. pravo 30 no. 12-108-107 D '67.
Legal regulation of the job placement of the workers who have lost their jobs as the result of technological progress. L. Konashkin, V. Seifer. Sov. iust. no. 23, 14-15 D '67.
- 13-14 N '67
On the application of individual norms of labor legislation where the five-day workweek is in effect. V. Lazarev. Izv. vya. ucheb. zav.; prav. no. 5 127-82 D '67.
Protection of the workers' and employees' workdays in Soviet laws A. Protseva. Izv. vya. ucheb. zav.; prav. no. 12 58-63 D '67
Survey of labor legislation Sots. zakon. 12 no. 131-132 O '67
Survey of labor legislation. Sots. zakon. 12 no. 131-132 152 N '67.
- 351.83(471 1)—Northern R.S.F.S.R.
Special benefits for the workers of the Far North. V. Pirogov. Sov. iust. no. 11-12-22 Ja '68.
- 351.85 PUBLIC EDUCATION, ENLIGHTENMENT AND CULTURE. ENCOURAGEMENT OF SCIENCE AND THE ARTS, ETC.
Awarded with the honor diploma of the Ministry of Meat and Dairy Industry and the Central Committee of the Trade Union of the Workers of the Food Industry Mias, ind. SSSR 38 no. 12-3 D '67.
Winners of the all-Union socialist competition for the 3d quarter of 1967, Mias, ind. SSSR 38 no. 12-1 D '67.
- 351.85(41)—United Kingdom and Northern Ireland
Government encouragement of scientific and technological progress in England. V. Glushkov. Vop. v. iust. no. 117-127 D '67.
- 351.85(477)—Ukrainian S.S.R.
Rapid development of Ukrainian socialist culture S. Gufianskiy, A. Mikhailov. Komm. Ukr. 4 '67-61 D '67.
The Soviet state and cultural development. V. Zhurav. Rad. pravo 30 no. 12 36-11 D '67.
- 351.87 ADMINISTRATION OF JUSTICE
Decree of the Presidium of the Supreme Soviet of the U.S.S.R. of September 30, 1967. Sov. iust. no. 22 26 N '67
The 50th anniversary of the Great October Revolution. Pages from the history of Soviet courts. Zh. Akhmetov, Suda no. 513-9 '67.
How public prosecutors supervise the observance of laws Sots. zakon. no. 6 88-91 Je '67
How public prosecutors supervise the observance of laws Sots. zakon. no. 9 84-88 S '67
In the Office of the Public Prosecutor of the U.S.S.R. Sots. zakon. no. 6 9-10 Je '67.
Let's intensify our efforts to prevent the violation of civil law D. Shvetsov. Sots. zakon. no. 8 54-55 Ag '67.
Methods of adopting the practice of public prosecutors' agencies. G. Toropov. Sots. zakon. no. 6 71-15 Je '67.
The October Revolution and the organization of the socialist apparatus of administration of justice G. Amelin. Sov. iust. no. 22-3-4 N '67
The role of socialist legality in the solution of public cases concerning the building of socialism and communism Sots. zakon. no. 9 18-24 S '67
Struggle for a strict observance of socialist laws and laws of the U.S.S.R., 1917-1920. P. M. Rabinovich. Izv. vya. ucheb. zav.; prav. no. 5 122-131 S-O '67.
Triumph of V. I. Lenin's ideas on the role of courts I. Verkh. Suda no. 513-5 '67.
Try to extend the participation of the public in the execution of judicial decisions! Sov. iust. no. 161-1 S '67
We should earn the confidence of our people. Sov. iust. no. 1-1-3 Ja '68.
- 351.87(477)—Ukrainian S.S.R.
Party organizations struggle for the observance of socialist laws. N. Kaledin, N. Baskakov. Sots. zakon. no. 6 3-5 S '67.
- 351.87(540)—Pakistan
Soviet lawyers on a visit to Pakistan. V. Kulikov, S. Shishkov. Sots. zakon. no. 6 79-83 Je '67.
- 352/354 ADMINISTRATION AT DIFFERENT LEVELS
Administration and scientific technological progress. I. U. A. Tikhomirov. Izv. vya. ucheb. zav.; prav. no. 12 136-137 D '67.
Soviets as the organs of democracy. V. Terlets'kiy. Rad. pravo 30 no. 12-30-35 D '67.
- 352 LOCAL GOVERNMENT. MUNICIPAL ADMINISTRATION
The amendment of laws on local soviets. K. Potapov. Sov. gos. i. pravo no. 12-111-115 D '67
Discussion of the new study on the history of the soviets N. Korol'kov, I. U. Biriukov. Sov. gos. i. pravo no. 12 136-137 D '67.
Soviets as the organs of democracy. V. Terlets'kiy. Rad. pravo 30 no. 12-30-35 D '67.

352(471, 311)—Moscow Province

If they act jointly. V. Gatsko, Sov profsoyluzi 23 no. 27 N '67

352(571)—Atlantic R.S.F.S.R.

Organization and work of the Siberian Soviets on the eve of the Great October Socialist Revolution, March-October 1917. IU V Ivanov, Izv vys uchch zav, prav, no. 5 140-145 S-O '67

355 MILITARY ART AND SCIENCE. WAR NATIONAL DEFENSE ARMED FORCES

Changes in a combine. N. Dudkin, Tyi i snab, Sov Voor Sil 27 no. 8 64-65 Ag '67.

Development of a military organization in a socialist government. M. Zakharov, Komm, Vooruzh, Sil 48 no. 21 30-38 N '67.

Early history of the Red Army. G. D. Plaskov, Ist, SSSR no. 6 127-131 N-D '67

Great historic deeds of the Soviet people. A. Vasilievskii, Kommunist 44 no. 1 57-68 Ja '68.

History of military art in the northern Black Sea region. IE V. Chernenko, Ukr, Ist, zhur, 11 no. 11 92-94 N '67.

Noax or horror? Harry Freeman, Nov, vrem, 25 no. 1 8-10 Ja '68.

In military districts and in fleets. Komm, Vooruzh, Sil 48 no. 21 94-96 N '67.

In military districts and in fleets. Komm, Vooruzh, Sil 48 no. 23 94-96 D '67.

Initiative and creative power. I. Vakurov, Komm, Vooruzh Sil 48 no. 23 42-46 D '67.

Only the first. R. Poliakova, Sov voim 48 no. 18 46-47 S '66

Prolific epic writers. V. Viren, Sov voim 48 no. 18 28-29 S '66

Service force headquarters and economical management. G. Atamas', Tyi, i snab, Sov Voor Sil 27 no. 8 58-63 Ag '67

Today everyone is at the stadium. N. Overina, B. Ivanov, Sov voim 48 no. 16 36-41 Ag '66

355(597, 7)—North Vietnam

Along the roads of embattled Vietnam. I. Kuprianov, Sov voim 48 no. 16 44-46 Ag '66

355, 02(569, 4)—Israel

Activities of the extremists in Israel. M. Kremnev, Nov, vrem, 25 no. 1 13 Ja '68.

Savitsky, V. A. [A military adventure of the doomed] Avaniura pryrechenykh. Kyiv, Politydav Ukrainy, 1967 39 p

355, 02(73)—United States of America

Noax or horror? Harry Freeman, Nov, vrem, 25 no. 1 8-10 Ja '68.

McNamara's resignation. B. Izakov, Nov, vrem, 25 no. 50 23 D '67.

Nazarevskii, V. A. [Economy of the U. S. A. and the war in Vietnam] Ekonomika SSHA i voim v V'etname Moskva, IMO, 1967 8 p.

Vietnam adventure of Washington. Mezhdunar, zhizn' 15 no. 1 69-73 Ja '68.

355 02(94)—Australia (Commonwealth)

Military service of Australians "beyond the ocean." I. M. Vail' Sov, gos, i pravo no. 12 122-125 D '67.

355.1 ARMY AND NAVY LIFE. TRADITION. UNIFORMS, ETC.

Always be on the alert! V. Zaiavorodinskii, Tyi, i snab, Sov Voor, Sil 27 no. 8 24-25 Ag '67.

The binding force between army and navy. P. Efimov, Komm, Vooruzh, Sil 48 no. 21 39-48 N '67.

A communist answers for the actions of his organization. V. Komissarov, Tyi, i snab, Sov Voor, Sil 27 no. 8 20-25 Ag '67.

"Dnepr" training exercises account for combat success of the defenders of our native land. Komm, Vooruzh, Sil 48 no. 21 59-63 N '67.

Exemplary service is the duty of each soldier. Komm, Vooruzh, Sil 48 no. 23 71-77 D '67.

First among equals. L. Lykova, Komm, Vooruzh, Sil 48 no. 21 21-29 N '67.

For the glory of our native land, for the happiness of the people. Komm, Vooruzh, Sil 48 no. 21 8-12 N '67.

Forward to the triumph of communism! Komm, Vooruzh, Sil 48 no. 21 2-7 N '67.

The glorious path of combat and victory. Tyi, i snab, Sov Voor, Sil 27 no. 8 2-6 Ag '67.

The Great October Revolution and the international labor movement. A. Abadzhian, Komm, Vooruzh, Sil 48 no. 21 13-20 N '67.

Imperialism is the source of war, the bitterest enemy of peace, democracy, and socialism. Komm, Vooruzh, Sil 48 no. 21 81-87 N '67.

The international significance of October. Mor, sbor, 51 no. 11 3-7 N '67.

Let success be multiplied. N. Ivashchenko, Tyi, i snab, Sov Voor, Sil 27 no. 8 27-28 Ag '67.

Liams and provocateurs before the court of history. A. Kalachnikov, Komm, Vooruzh, Sil 48 no. 21 75-80 N '67.

A man of a new world. A. Shteyn, Komm, Vooruzh, Sil 48 no. 23 24-31 D '67.

Memorable banners, a symbol of valor. Mor, sbor, 51 no. 11 8-10 N '67.

The might of the homeland is becoming stronger. A. A. Epishev, Sov voim 48 no. 16 2-3 Ag '66

On guard in the interests of the people. N. Shchelokov, Komm, Vooruzh, Sil 48 no. 21 79-74 N '67.

Past achievements are no limitation. G. Il'in, Komm, Vooruzh, Sil 48 no. 23 18-23 D '67.

[Problems concerning the organizational work of the party] Voprosy partitno-organizatsionnoi raboty. Moskva, Voenizdat, 1967 237 p

A reliable fire shield. G. Peredel'skii, Komm, Vooruzh, Sil 48 no. 21 64-65 N '67.

Rewards of our native land inspire us to new accomplishments. Komm, Vooruzh, Sil 48 no. 23 9-13 D '67.

Rulings of the Military Collegium of the Supreme Court of the U. S. S. R. Bluz, Verkh, Suda, no. 5 47 '67.

A sacred duty, an honored responsibility. Komm, Vooruzh, Sil 48 no. 23 3-8 D '67.

Sailors are the heroes of October. K. P. Mikhailov, Mor, sbor, 51 no. 11 35-41 N '67.

A school of courage and seasoning for youth. S. Pavlov, Komm, Vooruzh, Sil 48 no. 21 49-58 N '67.

Sew military uniforms in an excellent way. L. Bogolay-lenski, Tyi, i snab, Sov Voor, Sil 27 no. 8 49-51 Ag '67.

Struggling for high idealism in political instruction. A. Bykov, Komm, Vooruzh, Sil 48 no. 23 78-81 D '67.

355.2 FORCES PERSONNEL MOBILIZATION

Captains of the first line. M. Golyashev, Av, i kosm, no. 12 24-26 D '67.

The course of development of Soviet military trade. P. Kochetkov, V. Belov, Tyi, i snab, Sov Voor, Sil 27 no. 8 11-16 Ag '67.

Naval service troops in the last 50 years. B. M. Volosentov, V. A. Russov, Mor, sbor, 51 no. 11 52-58 N '67.

On guard in the interests of the people. N. Shchelokov, Komm, Vooruzh, Sil 48 no. 21 70-74 N '67.

There is room for deeds. S. Antonov, V. Shcherbakov, Sov voim 48 no. 18 37-40 S '66.

355 3 GENERAL ORGANIZATION OF THE FORCES

Brigadier of bulldozer troops. I. Iudin, Tyi, i snab, Sov Voor, Sil 27 no. 8 40-41 Ag '67.

Commander, teacher. V. Grigor'ev, Tyi, i snab, Sov Voor, Sil 27 no. 8 40-41 Ag '67.

Submarine boat commander and unit headquarters officer. M. K. Piantsev, Mor, sbor, 51 no. 11 71-75 N '67.

355 4 OPERATIONS OF WAR TACTICS AND STRATEGY

Across hard to pass sections of land. A. Belokon', Tyi, i snab, Sov Voor, Sil 27 no. 8 75-76 Ag '67.

Airplanes go on a mission. N. Shopin, Tyi, i snab, Sov Voor, Sil 27 no. 8 17-19 Ag '67.

Improve planning of transportation. T. Klimov, I. Kanaev, Tyi, i snab, Sov Voor, Sil 27 no. 8 68-70 Ag '67.

In night combat. M. Red'kin, Tyi, i snab, Sov Voor, Sil 27 no. 8 30-32 Ag '67.

The Kakhovka bridgehead. P. M. Kurochkin, Sov voim 48 no. 18 8 S '66.

Loyal sons of the fatherland. A. Rodimtsev, Komm, Vooruzh, Sil 48 no. 23 14-17 D '67.

The modern level of military transportation. S. Khvoashchev, Tyi, i snab, Sov Voor, Sil 27 no. 8 7-10 Ag '67.

River and lake fleets in the Revolution. I. P. Class, Mor, sbor, 51 no. 11 41-45 N '67.

The role of transportation in modern warfare. I. Kovalev, Komm, Vooruzh, Sil 48 no. 23 54-60 D '67.

Self-control in the process of combat training. A. Barabanshchikov, S. Mutsynov, Komm, Vooruzh, Sil 48 no. 23 61-66 D '67.

Tehran, 1943 (to be continued). V. M. Berezhevskiy, Nov, i noveish, Ist, no. 6 87-89 N-D '67.

Transporting troops by airplane. I. Timoshenko, I. Klimenko, Tyi, i snab, Sov Voor, Sil 27 no. 8 76-77 Ag '67.

Underground in Adzhim-Ushay. N. Kambulev, Sov voim 48 no. 16 32-36 Ag '67.

355.5 MILITARY TRAINING. EXERCISES. DRILL

At the edge of the forest. V. Peredel'skii, Sov voim 48 no. 18 9-12 S '66.

"Dnepr" training exercises account for combat success of the defenders of our native land. Komm, Vooruzh, Sil 48 no. 21 59-63 N '67.

Experience in organizing theoretical training of aviators. N. E. Dorofeev, Mor, sbor, 51 no. 11 82-84 N '67.

Give constant attention to the military education of and inculcation of patriotism in our youth. G. P. Shatunov, Teor i prak, fiz kult' 30 no. 4 4-8 Ap '67.

A gunlayer's painting. A. Fedoruk, Sov voim 48 no. 18 2-3 S '66.

Helicopter pilots compete. A. Ziaits, Av, i kosm, no. 12 71 D '67.

The law and duty. S. Shtemenko, Kommunist 14 no. 18 58-67 D '67.

A lesson for oneself. E. Smirnov, Av, i kosm, no. 12 67-69 D '67.

Letters to a father. V. Hashin, Sov voim 48 no. 18 6-7 S '66.

Military and patriotic education in secondary vocational and technical schools. A. P. Milaev, Sred, spets, obr, 13 no. 11 30-31 N '66.

New holders of the Cup of the "Aviatsia i Kosmonavtika" periodical. Av, i kosm, no. 12 73 D '67.

Quality of planning in combat training. A. A. Bezgodov, Mor, sbor, 51 no. 11 75-79 N '67.

Records of Soviet Air Force paratroopers. E. Gladkov, Av, i kosm, no. 12 72 D '67.

A steep bank. L. Kolesnikov, Av, i kosm, no. 12 81-84 D '67.

Strong in spirit and body. I. Dmitriev, Tyi, i snab, Sov Voor, Sil 27 no. 8 37-39 Ag '67.

Submarine boat commander and unit headquarters officer. M. K. Frantsev, Mor, sbor, 51 no. 11 71-75 N '67.

This is how it happened. P. Kirsanov and others, Av, i kosm, no. 12 8-12 D '67.

The training of political workers. Komm, Vooruzh, Sil 48 no. 23 83 D '67.

Training of the commanding personnel and the present situation. R. Reino, Av, i kosm, no. 12 13-16 D '67.

Visual aids in naval education. V. A. Lornov, Mor, sbor, 51 no. 11 70 N '67.

We are ready to fight at the first call of our country. F. P. Shuvailov, Teor, i prak, fiz, kult', 30 no. 2 2-4 F '67.

We should train the students for the fulfillment of their sacred duty as defenders of their country. Nar, obr, no. 12 7-8 D '67.

We will steer our ships to the corners of the earth. S. N. Lipchin, Shkola i protiv 11 no. 11 51-52 N '67.

355 5(431)—German Democratic Republic

Sentries of the front. I. Udovichenko, Sov voim 48 no. 16 1, 4-5 Ag '66.

355.5(476)—White Russian S.S.R.

Prepared for the defense of our country. N. Solov'eva, Prof, tekhn, obr, 24 no. 5 12-13 My '67.

355.6 MILITARY ADMINISTRATION

Breaking a road into new fields. V. Matveev, V. Borodin, Tyi, i snab, Sov Voor, Sil 27 no. 8 54-57 Ag '67.

Compulsory pensions for former servicemen. I. Azarova, Sots, obshch, 42 no. 12 50-52 D '67.

Improving unit administration and services. N. Anishimov, Tyi, i snab, Sov Voor, Sil 27 no. 8 42-48 Ag '67.

What one should know about departmental arbitration. I. Kitchenko, Tyi, i snab, Sov Voor, Sil 27 no. 8 66-67 Ag '67.

355.1 INFANTRY

A staggered 3-particle ejection system. N. Lobanov, Av, i kosm, no. 12 64-66 D '67.

355 4 AIR FORCE

Antiaircraft aviation. A. Kvintitskii, Av, i kosm, no. 12 80-91 D '67.

At low altitude. A. Khorobiykh, Av, i kosm, no. 12 23-26 D '67.

Can the preparation of aircraft for flight be speeded up? N. Demidovich, V. Lysov, Av, i kosm, no. 12 17-19 D '67.

Captains of the first line. M. Golyashev, Av, i kosm, no. 12 24-26 D '67.

In the interest of operational efficiency of the aerial photography reconnaissance. V. Savchenko, Av, i kosm, no. 12 62-63 D '67.

Kiknadze, M. G. [In the skies of our capital city] V nobo stoltity. Moskva, DOSAAF, 1967 85 p.

A lesson for oneself. E. Smirnov, Av, i kosm, no. 12 67-69 D '67.

New holders of the Cup of the "Aviatsia i Kosmonavtika" periodical. Av, i kosm, no. 12 73 D '67.

Party card No. 026487. A. Zaitsev, Av, i kosm, no. 12 30-31 D '67.

Records of Soviet Air Force paratroopers. E. Gladkov, Av, i kosm, no. 12 72 D '67.

Rendezvous with the sky. A. Nikitin, Av, i kosm, no. 12 77-80 D '67.

A steep bank. L. Kolesnikov, Av, i kosm, no. 12 81-84 D '67.

This is how it happened. P. Kirsanov and others, Av, i kosm, no. 12 8-12 D '67.

Training of the commanding personnel and the present situation. R. Reino, Av, i kosm, no. 12 13-16 D '67.

Unslacking attention to the ideological hardening of airmen. N. Chugunov, F. Fedchenko, Av, i kosm, no. 12 2-8 D '67.

A visit of friendship. V. Vukolov, Av, i kosm, no. 12 78-80 D '67.

round machine constructors S N. Lipchin Shkola 1
no 10 10 17 O '67

362 (471 32)—Central Black Earth regions
Future radio equipment designers I T. Novikov,
Sots. obesp. 42 no 10 23-24 O '67

367(476)—White Russian S S R
Kimbarok, V. A. [Our farmers are friends with culture]
Z kul'tural'nykh khibaroboy [Minsk, Urozhai,
1957] 41 p

367(479 22)—Georgian S S R
Pravda i sloboda N Uskhadzha Sots. obesp. 42 no. 12
43 D '67

368(7)—North America
The U. S. A. the insurance business E. Zhukov Mti.
Sots. obesp. 42 no 12 113-120 '67

369 4 SOCIAL INSURANCE WORKMEN'S IN-
SURANCE
Acharjan, V. A. [State pensions] Gosudarstvennyye
pensii Moskva, Urid lit-ra, 1967, 165 p
Development of the Leninist principles of social insurance
in the U. S. S. R. A. M. Kuznetsov, Vest.
IGU 22 no 17 98-111 S '67

From the Collegium of the Ministry. Sots. obesp. 42
no 12 48-49 D '67,
Legislative enactments. Rad. pravo 30 no. 12-104-105
D '67

The Lenin program of social insurance in operation
M. Lantsev Sots. trud 12 no. 12-11-19 D '67.

Press conference at the House of Journalists. Sots.
obesp. 42 no 12 4-5 D '67

The second fifty years. Sots. obesp. 42 no. 12-1-3 D '67,
Forward new heights in production. Otkrytiya i sots.
strakh 10 no. 12-1-2 D '67

368 4(471 310)—Moscow City
The new law makes for new concerns. Sots. obesp. 42
no 12 4-6 D '67,
What information summaries tell. V. Sivakov. Sots.
obesp. 42 no 12 24-25 D '67.

368 4(575 2)—Kirghiz S S R
Social insurance in the Kirghiz S. S. R. S. Tektorbayeva,
Sots. obesp. 42 no 12 46-47 D '67.

368 4(71)—Canada
Social insurance in Canada. G. Volkova. Sots. obesp.
42 no. 2 56-58 D '67.

368 43 OLD AGE INFIRMITY
The gerontologists need a scientific foundation. M. Maiy-
skaya. Sots. obesp. 42 no. 12 42-43 D '67.

368 48 RETIREMENT, PENSION
Computing pensions for former servicemen. E. Ararova.
Sots. obesp. 42 no 12 50-52 D '67.
How to determine the sum of deductions going into the
centralized Union fund of social insurance for collective
farmers. P. Smaylov. Sots. obesp. 42 no. 12-11-17
D '67.

368 48(471 312)—Tula Province
On the eve of the new year. G. Khudenko. Sots. obesp.
42 no 12 10-11 D '67.

368 48(471 323)—Kursk Province
Restless brood. N. Pakhomova. Sots. obesp. 42 no. 12
36-37 D '67

368 48(471 327)—Penza Province
His name is on the list of honor. E. Rachina. Sots.
obesp. 42 no. 12 16-17 D '67.

368 48(471 341)—Gorkiy Province
Consultations are given daily. N. Faskheev. Sots. obesp.
42 no 12 26-29 D '67.
There are important problems to be solved. V. Varvarina.
Sots. obesp. 42 no. 12 20-22 D '67.

368 48(471 46)—Astrakhan Province
They have established an increase in pension. A. Kiril-
lova Sots. obesp. 42 no. 12 18 D '67.

368 48(477)—Ukrainian S. S. R.
Useful way of serving pensioners. V. Riazanov. Sots.
obesp. 42 no 12 25-27 D '67.

368 48(571 62)—Khabarovsk Territory
Routine of the council. A. Filippova. Sots. obesp. 42
no 12 14 D '67.
With the feeling of responsibility. M. Protod'akonova
Sots. obesp. 42 no. 12 14-15 D '67.

The epoch of socialism and the national liberation
people's. K. Butents Kommunist 44 no 13
D '67

Give constant attention to the military education of
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Education and personality. Nar. obr. no. 8-2 '67

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The great road of a great people. Nach. shkola ...
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Infectious diseases and their prevention: ...
8th grade students to the House of ...
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Uch. zap. ped. inst. Gerts. 276-321-331 '65

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no. 8-1-8 Ag '67.

Let us create a museum worthy of the name of ...
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[Literature on the pedagogical sciences and ...
cation] Lit. po ped. nauk, i nar. obr. no. 4 '67.

Memoirable dates. Nar. obr. no. 8-127 Ag '67.

[Methodical elaborations for agricultural technical
schools] Metodicheskie razrabotki dlya ...
zhitelnykh tekhnikumov, shkolnik stantsii ...
I. U. G. Kozlovskogo Minsk, 1967. 88 p

News in education: from various countries. Nar. obr.
no. 8-100-112 Ag '67.

News in education: from various countries. Nar. obr.
no 12 99-100 D '67

The 6th International Schoolchildren Olympiad in
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Notes from an exhibition. V. I. Ilyukovskaya, V. I. ...
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The October Revolution and the cultural revolution ...
Nach. shkola 35 no. 7-1-8 Ji '67.

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Pedagogical self-education of parents. K. P. ...
Nach. shkola 35 no. 7-82-84 Ji '67.

Public education in the U. S. S. R. in figures. M. I. ...
boterinov. Nar. obr. no. 12 1-16 D '67.

Sanitary educational work in schools: experience of
schools in Leningrad. I. A. Vashova. Uch. zap. ...
Inst. Gerts. 276-317-320 '65.

Self-education of senior students and its guidance. ...
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Some problems in studying the cultural revolution in ...
U. S. S. R. V. A. Kumanov. Vop. ist. 42 no. 12-66
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A study on communist education. V. Sukhomlinskii
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System of the curriculum in human anatomy, physiology
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- United family of the Soviet peoples. A. M. Dedushin. Nach shkola 35 no. 10 17-21 O '67.
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- Youth and socialism. V. V. Bykov. Shkola i proizv. 11 no. 10 55-57 O '67.
- 37(41)—United Kingdom and Northern Ireland
- Short notes. Nar. obr. no. 8-106, 112 Ag '67.
- 37(471 42)—Ulyanovsk Province
- Student brigades of Ulyanovsk Province prepare for the 50th anniversary of the October Revolution. V. H. Spirina. Shkola i proizv. 11 no. 10 25-29 O '67.
- 37(474 5)—Lithuanian S. S. R.
- The October Revolution and the schools of higher education in Lithuania. G. K. Zabulis. Vest vys. shkoly 25 no. 10 14-19 O '67.
- 37(477)—Ukrainian S. S. R.
- Development of education in the Ukraine during the Soviet regime. A. D. Bondar. Ukr. ist. zhui. 11 no. 11: 23-32 N '67.
- Give the workers in education a knowledge of economics. O. S. Budin, P. H. Zashchyta. Rad. shk. 45 no. 12 26-31 D '66.
- Increasing the help to our teachers and students by the institutions of higher education and organs of public education. Rad. shk. 46 no. 8 106-108 Ag '67.
- 37(496)—European communist countries as a group
- The Great October Revolution and the struggle for public education in foreign countries. V. Z. Smal. Rad. shk. 45 no. 12 13-19 D '66.
- 37(571 55)—China Province
- Work of the Transbaikalian youth. N. S. Kotov. Shkola i proizv. 11 no. 10 29-31 O '67.
- 37(571. 6)—Soviet Far East
- The party's measures for the creation of the national intelligentsia in the extreme northeastern regions of the U. S. S. R. V. G. Baltskii. Trudy SVKNII no. 17: 125-136 '67.
- 37(571. 651)—Chukchi National District
- From the history of public education in the Chukchi National Area. M. Maslov. Nar. obr. no. 12 63-66 D '67.
- Writing of the Chukchi and ways to raise their education. V. V. Leonov. Trudy SVKNII no. 17: 192-208 '67.
- 37(574)—Kazakh S. S. R.
- Work of students in the Virgin Territory. S. S. Tolmachev. Shkola i proizv. 11 no. 10 32 O '67.
- 37(575. 1)—Uzbek S. S. R.
- Improve the training of inspectors. P. A. Aushov. Ekon. i zhizn' no. 7-43 '67.
- 37(611)—Tunisia
- Short notes. Nar. obr. no. 8-106, 112 Ag '67.
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- Racism and education in the U. S. A. M. Krillov. Nar. obr. no. 12 96-98 D '67.
- Short notes. Nar. obr. no. 8-106, 112 Ag '67.
- Specialized training. P. Lebedev. Nar. obr. no. 8-104-107 Ag '67.
370. 17 COMMUNIST EDUCATION
- Atheistic education and the tasks of pedagogical science. K. P. Kindrat. Rad. shk. 45 no. 12 70-74 D '66.
- A few words about youth. N. Shelkin. Sov. shakht. 16 no. 6: 14 Ag '67.
- [Lenin's teachings] Leninskie uroki. [Moskva, Molodnaya gvardia, 1967] 173 p. (V pomoshch' propagandistu i slushateliam sistem politicheskogo obrazovaniia molodezhi i zhurnalistam komsomol'skoi pechati)
- The mighty power of Marxist-Leninist theory. Vest. vys. shkoly 25 no. 10 3-8 O '67.
- A powerful means of ideological education. Vech. sred. shkola, 10 no. 6: 3-6 N-D '67.
- School of conviction. V. Gurdzhilants. Grazhd. av. 23 no. 10 8-9 O '66.
- The selection, arrangement, and organization of the training of cadres during the period between the 20th and 22d conferences of the CPSU, based on materials of Rostov Province. I. M. Krutchenko. Uch. zap. kar. ist. KPSS no. 6: 42-64 '67.
- Sketches on communist education (conclusion). V. Sukhomlinskii. Nar. obr. no. 12-40-43 D '67.
- They will live under communism. L. Ostrovskaya. Doshk. vosp. 40 no. 11-32-36 '67.
- Youth and socialism. V. V. Bykov. Shkola i proizv. 11 no. 10 55-57 O '67.
- 370 17(474 5)—Lithuanian S. S. R.
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- 371 SCHOOL ORGANIZATION EDUCATIONAL SYSTEMS
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- Let us use our material basis for education efficiently. A. T. Saiko. Rad. shk. 45 no. 12 29-31 D '66.
- This is how Soviet school began. S. Boguslavskaya. S. Neginskii. Nar. obr. no. 12 52-57 D '67.
- Youth and the workman's trades. A. Sokolov. Prof.-tekh. obr. 24 no. 5 15-17 My '67.
- 371(471 314)—Vladimir Province
- How it was and how it is now. G. Chernov. Nar. obr. no. 12 58-63 D '67.
- 371(471. 52)—Bashkir A. S. S. R.
- Sanitary and hygienic evaluation of natural and artificial lighting in the schools of Ufa. I. A. N. Askarova. Sboi. nauch. i uch. Bash. gos. med. inst. 16 no. 2 181-185 '65.
- 371(471 55)—Chelyabinsk Province
- All councils in schools. N. Arinina. Prof.-tekh. obr. 24 no. 5 25-26 My '67.
- 371 1 MANAGEMENT. TEACHING STAFF
- About her vocation. Doshk. vosp. 40 no. 11-99-101 '67.
- The beginning. Doshk. vosp. 40 no. 11 101-102 '67.
- Continuity is the most important problem. L. A. Sainokhina. Nach. shkola 35 no. 7 20-23 JI '67.
- A course in programmed instruction in pedagogical institutes. A. S. Lynda. Rad. shk. 46 no. 8 74-81 Ag '67.
- A dream come true. Doshk. vosp. 40 no. 11-61-85 '67.
- The educational methods of instructor Korshunov. A. Moskalev. Prof.-tekh. obr. 24 no. 10 43 O '67.
- Fifty years in the ranks of teachers. R. Zaitseva. Nar. obr. no. 12 75-83 D '67.
- Good initiative and useful work. Nar. obr. no. 12 14, 15 D '67.
- Here everyone makes progress in studies. E. I. Kiseleva, E. A. Petrova. Nach. shkola 35 no. 10 44-45 O '67.
- His vocation. B. Alzenshtat. Prof.-tekh. obr. 24 no. 10 28-29 O '67.
- I give my heart to children (continuation). V. A. Sukhomlinskii. Nach. shkola 35 no. 10 68-76 O '67.
- In search... G. N. Shapochkina. Vech. sred. shkola, 10 no. 6: 7-9 N-D '67.
- In the Central Committee of the CPSU and the Council of Ministers of the U. S. S. R. We must improve the training of researchers and teachers. Kommunist 44 no. 18 4-8 D '67.
- In the Central Institute for Advanced Training of Teachers. V. Serov. Nar. obr. no. 8 125-128 Ag '67.
- The indefatigable. Doshk. vosp. 40 no. 11-65-67 '67.
- Invested with the people's faith. Doshk. vosp. 40 no. 11 66-67 '67.
- The labor equals the achievement. A. Serebriakov. Nach. shkola 35 no. 10 40-42 O '67.
- Leading through the pages of history... R. Orlova. and others. Doshk. vosp. 40 no. 11-10-22 '67.
- May I introduce our inspector. Doshk. vosp. 40 no. 11 94-98 '67.
- Our best people. Prof.-tekh. obr. 24 no. 5 21 My '67.
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- Our best people. Shkola i proizv. 11 no. 11-41, 50, 57 N '67.
- The party's struggle for the new type of teachers. N. I. Liukhov. Nach. shkola 35 no. 10 11-16 O '67.
- Progressive experience. N. Alkar, L. Pustilina. Doshk. vosp. 40 no. 11 41-45 '67.
- A remarkable person. Doshk. vosp. 40 no. 11-81-83 '67.
- Rural teachers. M. Popova. Nar. obr. no. 12 86-88 D '67.
- She devoted her life to children. I. A. Gershtein. Nar. obr. no. 12 88-89 D '67.
- She is worthy of being imitated. Doshk. vosp. 40 no. 11 91-92 '67.
- Some suggestions for the work organization of district schools. V. O. Lytvynchuk. Rad. shk. 45 no. 12 20-25 D '66.
- The staff and its work. Doshk. vosp. 40 no. 11-63-65 '67.
- A teacher and Bolshevik. D. Romanovskii. Nar. obr. no. 8-101 Ag '67.
- A teacher in a rural school. A. Berkutova. Nach. shkola 35 no. 7: 88-89 JI '67.
- A teacher of teachers. O. Volodin. Nar. obr. no. 8-32-41 Ag '67.
- Teacher-student relationships in the 1st grades. A. P. Arkhipova. Nach. shkola 35 no. 7 10-42 JI '67.
- Teachers are creative in their work. M. Korostel'ev, A. Levina. Nar. obr. no. 8 30-31 Ag '67.
- Teachers of a new generation. Nar. obr. no. 8-44 Ag '67.
- The teachers' role in the work with parents. V. V. Riananova. Nach. shkola 35 no. 7 80-82 JI '67.
- This is her life. Doshk. vosp. 40 no. 11-60-61 '67.
- The training of future pedagogues. P. Rubashevskii. Prof.-tekh. obr. 24 no. 10 32 O '67.
- The Vladimir Province Department of Public Education and elementary education. E. Kaitkova. Nar. obr. no. 8 10-13 Ag '67.
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- Who should be a teacher? V. Usenakii. Nar. obr. no. 12 50-51 D '67.
- Work glorifies the person. Doshk. vosp. 40 no. 11 92-94 '67.
- Work of the school shop foreman. N. I. Ananov. Shkola i proizv. 11 no. 10 43-44 O '67.
- Work with pedagogical cadres. I. Mel'nikov. Nar. obr. no. 12 17-20 D '67.
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- In the stream of life. V. Petrinskii. Nach. shkola 35 no. 10 42-44 O '67.
371. 1(471 310)—Moscow City
- An aid to young teachers. A. Savilev. Prof.-tekh. obr. 24 no. 5 19 My '67.
371. 1(471 311)—Moscow Province
- In our city of Kolomna. S. Akashev. Nar. obr. no. 12 84-85 D '67.
- 371 1(471. 314)—Vladimir Province
- An enthusiast of the young naturalists work. G. I. Chernov, N. P. Dashukina. Shkola i proizv. 11 no. 11 67-68 N '67.
- 371 1(471. 324)—Voronezh Province
- The assistant principal. I. Prokop'ev. Nar. obr. no. 8: 73-77 Ag '67.
371. 1(471 53)—Paim Province
- Mitrofan Dantilovich. I. Cheludakii. Nach. shkola 35 no. 10 16-30 O '67.
371. 1(471 02)—Krasnodar Territory
- A university for the improvement of pedagogical skill. S. Protopopov. Nar. obr. no. 12 21-22 D '67.
371. 1(477)—Ukrainian S. S. R.
- Let us organize, help, and check. M. M. Turash. Rad. shk. 46 no. 8-98-94 Ag '67.
371. 1(571. 11)—Kurgan Province
- Let us effectively organize school administration. M. Zakharov. Nar. obr. no. 12 13-16 D '67.
- 371 1(571. 513)—Khakass Autonomous Province
- Letters to the editors. N. A. Kargina. Nach. shkola 35 no. 10 30 O '67.
371. 2 SCHOOL ORGANIZATION. ROUTINE. DUTIES
- Let us show greater persistence in solving our organizational and methodological problems. V. P. Bruvich. Vest. vys. shkoly 25 no. 10 66-76 O '67.
- Registration of cadres by means of perforated cards. I. I. Gusev, V. A. Nikonov, A. F. Turpit'ko. Vest. vys. shkoly 25 no. 10 70-81 O '67.
- The responsibilities of schools and teachers. Nar. obr. no. 12 3-6 D '67.
371. 2(477)—Ukrainian S. S. R.
- This is necessary in order to make the work of teachers easier. V. M. Haluzynskyi. Rad. shk. 46 no. 8-82-87 Ag '67.
371. 3 METHODS OF INSTRUCTION
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- A conference on educational television. O. D. Iakovleva. Rad. shk. 46 no. 8-108-109 Ag '67.
- A course in programmed instruction in pedagogical institutes. A. S. Lynda. Rad. shk. 46 no. 8 74-81 Ag '67.
- A demonstration device for the subject "The structure of the atom." G. S. Iavkin. Vech. sred. shkola, 10 no. 8: 88 N-D '67.

371.8 SCHOOL LIFE CUSTOMS HONORS, UNIFORM, ETC

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371.8(471.232)—Leningrad City

- From the student's models to speeches S. N. Lipchin, Shkola i prozv. 11 no. 11-53-57 N '67
 The motorized guards L. Sandler Shkola i prozv. 11 no. 10-16-21 O '67

371.8(471.310)—Moscow City

- Test is for children, B. S. Mal'chikov Shkola i prozv. 11 no. 11-58-59 N '67
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371.8(574)—Kazakh S. S. R.

- Extracurricular work in the Petropavlovsk Teacher's College F. A. Frenbush Sred. spets. obr. 13 no. 11-32-33 N '66

372 PRESCHOOL AND ELEMENTARY OR PRIMARY EDUCATION

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 It is good here for children R. Borisova, Doschk. vosp. 40 no. 11-78-80 '67
 Kindergarten, what is thought and said about it, Doschk. vosp. 40 no. 11-115-122 '67
 Let there always be music for children, Doschk. vosp. 40 no. 11-88-89 '67
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Planning of the pictorial art lesson in a T. F. Bellayev Nach. shkola 35 no. 1-1-1 '67

Planning socially useful labor in schools Chernysheva, Shkola i prozv. 11 no. 11-1-1 N '67
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Progressive experience, N. A. Ilyar, Doschk. vosp. 40 no. 11-41-45 '67

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Proposed programs for the 3rd and 4th grades sciences Nach. shkola 35 no. 1-1-1 '67

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Recommended lesson plan for the 3rd grade Kopcheva, I. S. Kuznetsova Nach. shkola 35-93 O '67

Some characteristics of the new method of reading and writing, A. P. Shantko, Nach. shkola 35 no. 7-40-54 JI '67

Study of electricity in the 4th grade, Rad. shk. 40 no. 0-45-49 Ag '67

Subject interrelation in mathematics Trudnev, Nach. shkola 35 no. 1-1-1 '67

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Teacher-student relationships in the 1st grade Arkhipova, Nach. shkola 35 no. 1-40-42 JI '67

The teacher's role in the work with parents Ivanova, Nach. shkola 35 no. 1-60-62 JI '67

They will live under communist rule, Doschk. vosp. 40 no. 11-37-38 '67

Training in observation, G. I. Il'ina, Nach. shkola 35 no. 48-50 O '67

We tell our children about various nations Ivanova, Doschk. vosp. 40 no. 11-20-21 '67

With the fatherland in your heart, Doschk. vosp. 40 no. 11-50-60 '67

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For the children of the "Trakhtovskaya" Manufactory, N. I. Iodova Doschk. vosp. 40 no. 74-76 '67

Here we are educating teachers, N. A. Ilyar, Doschk. vosp. 40 no. 11-46-54 '67

In the city study room, V. Izrael'skiy, Doschk. vosp. 40 no. 11-20-21 '67

In the Leningradsky Gory during the anniversary, Doschk. vosp. 40 no. 11-6-8 '67

Leading through the pages of history, Doschk. vosp. 40 no. 11-30-32 '67

My country, my Moscow A. Sazonova, Doschk. vosp. 40 no. 11-63-65 '67

Our helpers, L. N. Naikova, L. P. Ilyar, Doschk. vosp. 40 no. 11-10-10 '67

Our own Moscow O. Trutneva, Doschk. vosp. 40 no. 11-61-63 '67

Preschool education in Moscow during the past years I. P. Prosvetova, Doschk. vosp. 40 no. 3-5 '67

Soon they will go to school, M. Shain, Doschk. vosp. 40 no. 11-36-38 '67

We searched, created, and tried to find, I. P. Ilyar, Doschk. vosp. 40 no. 11-23-28 '67

372(471.314)—Vladimir Province

The Vladimir Province Department of Public and elementary education, E. K. Kuznetsova, Nar. obr. no. 8-10-13 Ag '67

372.304 MANUAL TRAINING IN SCHOOLS

Aesthetic education in manual training classes Rudometkin Shkola i prozv. 11 no. 10-42-44 '67

From the history of manual training, L. A. Ilyar, Shkola i prozv. 11 no. 10-50-55 O '67

Inculcating the love of work, L. N. Muzalev, Shkola i prozv. 11 no. 11-41 N '67

Manual training of senior students, V. A. Polina, Shkola i prozv. 11 no. 11-36-37 N '67

Manual training of students, S. M. Zavgorenko, Spets. obr. 13 no. 11-28-29 N '66

Organization of manual training classes in school shops, N. V. Antonov, Shkola i prozv. 11 no. 11-21-23 N '67

Unskilled workmanship? No, it's creative work A. I. Mikhailov, Shkola i prozv. 11 no. 10-30-31 '67

Work of the school shop foreman, N. I. Sazonov, Shkola i prozv. 11 no. 10-43-44 O '67

Worries of a manual training teacher, M. Kharin, Nar. obr. no. 8-78-79 Ag '67

372.364(471.232)—Leningrad City

Technological creativity in every manual training S. M. Lialin, Shkola i prozv. 11 no. 10-38-39 '67

373 RELATION BETWEEN SCHOOL AND SOCIETY

Experience in work with parents. M. E. Oskina, no 35 no 7 85-86 31 '67.
Cooperation with teachers and parents. M. M. Lazarev, M. F. Iaroshenko. Rad. shkol. 15 no. 12 77-80 D '66.
Self-education of parents. K. P. Galianova, no 101 no 7 82-84 11 '67.
Parents' society. V. M. Medvedev, Nach. 135 no 7 84-85 31 '67.

38 COMMFRCE. TRADE COMMUNICATION

Capital investments in the retail trade. Trudy Vkhil no 44 98-100 '67.
Contract to Delhi. P. Khvoim, A. Borodavskii, no 12 53-56 '67.
Izazarev, B. M. [Administration of Soviet trade; organizational and legal problems] Upravlenie sovetskoi torgovlei: organizatsionno-pravovye voprosy Moskva, Izdat. lit-ra, 1967 182 p.
Procedure for shipping goods. K. Gurkov, no 11 21-22 Dkhg vol. 28 no 8 24-27 Ag '67.
Use of econometric and mathematical methods in directing the economy and materials of medical technology in the system of public health. I. V. Pavlov. Med. tekhn. 1 no. 5 1-34 '67.

38(161)—New States

The government section of the developing countries. V. G. Gerasimov. Mezhdunar. zhizn' 15 no. 147-149 Ja '68.

38(177)—Underdeveloped and Underdeveloped areas

From G. G. Gerasimov to Delhi. P. Khvoim, A. Borodavskii. Mezhdunar. zhizn' 15 no. 147-149 Ja '68.

38(4.9 104)—Capitalist countries of the world

General consumption, and changes on the capitalist market. V. Gerasimov. Mir. ekon. i mezhdunar. otn. no 12 20-29 '67.

38(477)—Ukrainian S. S. R.

The Soviet "entrepreneur." E. Tarasov. Mol. komm. no 10 54-58 '67.

380 GENERALITIES ON TRADE

Forecasting demand for new equipment. A. Konson. Vop. ekon. no 12 39-47 D '67.
Kharolis, I. A. N. [Trade and economic information] Torgovo-ekonomicheskaya informatsiya Moskva, Statistika, 1967 230 p.
Questioning customers in a department store. A. Koshurov, Z. Nikolaeva. Sov. torg. 41 no. 12 23-26 D '67.

380(496)—European communist countries as a group

Studying demand, its forecasting, and the national economic plan. V. Bredov, V. Neznanov. Vest. stat. no 12 73-75 '67.

381 INLAND TRADE

An account of commission fees and wholesale price rebates for services of trade organizations selling surplus materials. Stat. tekhn. snabzhen. 2 no 9 93 '67.
Forms of guaranty and the determination of its length. I. Pukhov. Sov. torg. 41 no 18 24-25 S '67.
Reduce the average number of intermediate offices involved in the wholesale turnover and movement of foodstuffs. I. Polovnikov, B. Poloznev. Sov. torg. 41 no 12 20-22 D '67.
Summarize accumulated experience more efficiently. G. Statsenko. Sov. torg. 41 no 12 35-38 D '67.
Trade in the third year of the five-year plan. I. Stovoroda. Sov. torg. 41 no 12 6-9 D '67.
Trade of the U. S. S. R. Vest. stat. no 12 77-80 '67.
The triumph of the Lenin ideas about the welfare of the people. Sov. torg. 41 no 12 2-5 D '67.

38(431)—German Democratic Republic

Ann. Gerasimov in Leipzig. N. P. Dolzhenko, N. A. Burche. Khimi. i maš. no. 10 41-44 O '65.

38(471 232)—Leningrad City

Handle containers in a businesslike way. E. Koltsman. Sov. torg. 41 no 12 18-19 D '67.
"Youthful technologist." I. Liberman. Sov. torg. 41 no 12 28-29 D '67.

38(471 310)—Moscow City

Questioning customers in a department store. A. Koshurov, Z. Nikolaeva. Sov. torg. 41 no. 12 23-26 D '67.

38(497 2)—Bulgaria

International fair in Plovdiv. A. Koshov. no 12 41-45 D '67.

38(52)—Japan

The "climate" of the stores in Japan. V. G. Gerasimov. Sov. torg. 41 no 12 10-11 D '67.

38(575 1)—Uzbek S. S. R.

Develop the turnover of goods in every way. S. Aminov, K. Shukurov. Torg. i shtet. no 12 1-2 D '67.

382 FOREIGN TRADE

[Alphabetical index to the Standard commodity code for the foreign trade of the member states of the Mutual Economic Assistance Council, the International trade classification, United Nations the Brussels nomenclature for the classification of goods in customs tariffs] Alfavitnyi indeks i tovarnoi nomenklatura vneimnoi torgovli s SSSR, SEV, Standartnoi mezhnatsionnoi tovarnoi klassifikatsii OON i Brisselskoi tamozhennoi nomenklatury Moskva, 1967. 77 p. (Bulletin' inostranneycheskoi informatsii, prilozhenie, no. 11)
The Cairo atomic energy center and the scientific technological cooperation between the Soviet Union and the United Arab Republic. B. I. Golovarov. Atom. energ. 23 no. 5 101-105 N '67.
Cooperation between countries of the socialist bloc on the basis of their development. Jan. Mirova. 12 no. 11 88-91 N '67.
Fraternal cooperation with the U. S. S. R. is an important factor in the expansion of coal mining in Bulgaria. K. Popov. Ugol' 42 no. 11 101-103 N '67.

382(4.9 103)—Communist countries of the world

Main trends in improving prices in the market among the countries participating in the Comecon. V. D. Lashenko. Vop. ekon. no. 11 61-71 D '67.

382(4)—Europe

Vetrov, A. V., and others. [Fundamental changes in economy and foreign trade of France, the Federal Republic of Germany, Italy, Finland, and Sweden] Vnye izmeneniya v ekonomike i vneimnoi torgovle FRG, Italii, Finslandii, Shvedskii. Moskva, Izdat. (Bulletin' inostranneycheskoi informatsii, prilozhenie, no. 8)

382(4.0)—European capitalist countries

The Scandinavian outlook. O. Timoshkova. Vest. stat. 25 no 50-51-22 D '67.

382(497)—Czechoslovakia

Cooperation between the U. S. S. R. and the Czech Republic in the construction of a nuclear power plant. I. K. Beinkov. Atom. energ. 23 no. 5 470-101 N '67.

382(438)—Poland

Cooperation between countries of the socialist bloc on the basis of their development. Jan. Mirova. 12 no. 11 88-91 N '67.

382(406)—European communist countries as a group

On the main road of universal economic and social progress. A. M. Alekseev, B. S. Shitnev. Vop. i KPSS 12 no. 1 3-17 Ja '68.

382(497 2)—Bulgaria

Fraternal cooperation with the U. S. S. R. is an important factor in the expansion of coal mining in Bulgaria. K. Popov. Ugol' 42 no. 11 101-103 N '67.

382(53)—Arabia

The Cairo atomic energy center and the scientific technological cooperation between the Soviet Union and the United Arab Republic. B. I. Golovarov. Atom. energ. 23 no. 5 481-105 N '67.

385 RAILWAYS

Feldman, E. D. [Comparative technical and economic effectiveness of independent types of tractions, of diesel and gas turbine types] Sravnitel'naya tekhnicheskaya i ekonomicheskaya effektivnost' avtonomnykh tykov (dizel', gazovoi i gazoturbovoznovoi). Moskva, Transport, 1967. 178 p. (Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 311)
Instruction aids for a course in signaling. G. Krivonozhko, E. Omel'yanovich. Prof. tekhn. obr. 24 no 5-14, 13 My '67.

- ... Russian language on the materials of the world, 10, 2.
Polt'ko, N.N. Kokhtev. Rus rech' no 14-9 Ja-F '67
- Fil'm, zhana "V.S. Filippov. Rus rech' no 183-81
Ja-F '67
- "Scientific research work of the Russian Language Department of Molensk Pedagogical Institute. A.I. Ivanova."
Nauch dokl v.s.shkoly, filol.nauki 10 no 4:136-138
'67
- Sizemka, G.I. Mishevich. Rus rech' no 185-87
Ja-F '67
- Short dictionary of pronunciation and stress. Rus.
Lsh' no 5109-110 S-O '67
- Some cases of the shifted usage of time. A.V. Bondarko.
Rus rech' no 534-37 S-O '67
- The present-day bourgeois concepts of the origin of
the word "Rus'" I.P. Shastol'skvi Ukr. ist. zhur
II no 7:10-105 Ji '67
- Czech cultivation and lexical idiosyncrasy. L.I.
Goritsov. Rus rech' no 1,53-59 Ja-F '67.
- The utilization of technical terminology in the U.S.S.R.
P.V. Veselov. V.I. Sirotta. Nauch dokl, vys shkoly; filol
nauki 10 no 5:63-67 '67
- The study of Russian grammar in the U.S.S.R. Rus.
rech' no 53-8 S-O '67.
- Grammatical positions of the nominative and the instrumental
case of predicate nouns in modern Russian. V.I. Chervin
Nauch dokl vys shkoly, filol.nauki 10 no 4:76-81
'67
- Tales about Russian words "Rus.rech' no 108 Ja-F
'67
- The Third Interuniversity Conference of Linguists,
Ukrainian Scholars. N.F. Erastova, V.F. Mazlova.
Nauch dokl vys shkoly, filol nauki 10 no 4:138-140
'67
- Thought and word in Old Russia. Rus rech' no 5-
Fz 73 S-O '67
- Traveling words. I.G. Dobrodromov. Rus rech' no 1-
Fz 73 Ja-F '67
- Usage of the words "polozhitel'nai" and "lunnyi krizis"
V.V. Veselitskii. Rus rech' no 559-62 S-O '67.
- Use of the table method of analysis in semantic research.
I.V. Arrol'd. Nauch dokl vys shkoly, filol nauki 10
no 4:56-63 '67
- Verb variants with borrowed stems. N.S. Avilova.
Rus rech' no 538 S-O '67
- Why do linguists study the history of language? V.V.
Leptan. Rus rech' no 577-85 S-O '67.
- Word curiosities or "Krokodil" laughs. N.G. Mikhailov.
"kna. Rus rech' no 160-64 Ja-F '67
- "Zharennyi" or "zharenyy" A.K. Panfilov. Rus. rech'
no 195-97 Ja-F '67
- "Zhi li poezda" or "zhdu poezd?" "Zhalovan'e,"
"poluchka" "zalplata." K.S. Gorbachevich. Rus
rech' no 539-43 S-O '67
- 482(477)—Ukrainian S.S.R.
- Structural-semantic phenomena in the syntax of colloquial
Russian in the Ukraine, prepositional constructions,
R.V. Boldyrev. Movoznavstvo 1 no 137-43 Ja-F '67.
- 482(571)—Asiatic R.S.F.S.R.
- Words originated in the early period of the Novgorod
Principality in the present-day Russian dialects in
Siberia. A.I. Fedorov. Izv. SO AN SSSR Ser. obshch-
estv. nauk no 6:106-111 My '67.
- 482(571 bis)—Gorno-Altai Autonomous Province
- Dialect vocabulary of maral breeding. V.N. Bogdanov.
Izv. Akad. Geog. ob-sha SSSR no 8:96-111 '65.
- 482(571 66)—Kamchatka Province
- A classification of the dialects of the Kamchatka ver-
nacular. K.M. Braslavets. Izv. SO AN SSSR Ser.
obshchestv. nauk no 6:134-135 My '67.
- 483 UKRAINIAN
- Colorful words. V.V. Kopitov. Movoznavstvo 1 no.1
62-68 Ja-F '67
- Etymological notes. Movoznavstvo 1 no 182-84 Ja-F
'67
- Historical dictionary of the Ukrainian language; the
theory and practice of its compilation. L.L. Humets'ka
Movoznavstvo 1 no 144-48 Ja-F '67
- History of the Ukrainian months of months. M. Kocherban.
Movoznavstvo 1 no 148-51 Ja-F '67.
- Main achievements and pressing tasks of Ukrainian
linguography. L.S. Palamarukh. Movoznavstvo 1
no 119-27 Ja-F '67.
- Oxcharenko, Mariia [Golden gates, a reader for the
7th and 8th year of study of the Ukrainian language]
Zoloti vorota, chytanka dlia VII i VIII roku navchannia
ukraïnskoi movy 3., popravlene vyd. New York,
Vydannia Skhil'noi Rady, 1962. 286 p
- Research methods of grammatical material and the theory
of grammar. V.M. Rusanivskiy. Movoznavstvo 1
no 110-18 Ja-F '67
- Sound variations of words. A.D. Krivosheina
I no 169-75 Ja-F '67
- Syntax of Mykola Bazhan's poetic language
IETimolenko. Movoznavstvo 1 no 167-71 Ja-F '67
- 484 OTHER SLAVIC LANGUAGES
- Grammatical gender of "European words" of
the southern Slavs. B. Marinkov. Slavica
79 Ji-Ag '67.
- Polish and Czech last names in the USSR
Kafin, V.E. Stallman. Rus. rech' no 186-88
'67
- 488 BALTIC LANGUAGES
- Development of a uniform Baltic system
I. Kazlauskas. Vop. izv. II no 1:10-14 Ja-F '67
- 494.1 URAL-ALTAIC LANGUAGES
- Nilingualism and loanwords; based on the
Bumto-Tuvhatin synonymic pairs. D.I. Zaitsev
Izv. SO AN SSSR Ser. obshchestv. nauk no 6:112-113
My '67.
- Language as an ethnogenic source: experimental
lexical analysis of the Turkish language
Sov. etn. no 4:62-74 Ji-Ag '67.
- Musaev, S.M. [Coordination and unified
mathematical terminology]. Ob uporiadochnom
fikatsii khlazskoi matematicheskoj literatury
Frunze, Mektep, 1965. 40 p.
- 494.6 CAUCASIAN LANGUAGES
- First textual records on the mountainous
Belo-Caucasian languages. Atm. etn. no 1:10-14
Ji no 4:98-101 Ji-Ag '67
- 499.1 OTHER MINOR LANGUAGES
- Phonetic characterization of the various
combinations in the Nivkh language
L.R. Zhinter. Vop. izv. II no 1:11-14 Ja-F '67
5. MATHEMATICS AND NATURAL SCIENCES
- 500 GENERAL
- Progress of science. B. Lazanov. Vop. izv. I
no.9:11-12 '67.
- 500(675)—Central Asia
- First Central Asiatic Conference of the History
Science and Technology. V.A. Govartseva
Turk. SSR. Ser. biol. nauk no 4:91-93 Ja-F '67.
- 501 EXACT SCIENCES IN GENERAL
- Subject interrelation in the teaching of the
of the exact sciences. B.A. Litvinov. Vych. shkol.
shkola, 10 no 6:46-47 N-D '67.
- 502 NATURAL HISTORY IN GENERAL
- Proposed program for the study of natural
science. Nauch. shkola 15 no 7:90-91 Ja-F '67
- 502.7 NATURE AND WILDLIFE PROTECTION AND
WILDLIFE MANAGEMENT
- [Nature protection and preserve organization in the
U.S.S.R. during 50 years]. Otkrytiya prirody i
noe delo v SSSR za 50 let. Moskva, 1967. 62 p.
soluzni Institut nauchno-tehnicheskoi literatury
soiskomu khoziaistvu. Obzor literatury, no 11
(DNAL)
- 502.7(438)—Iceland
- Conservation of natural resources and biological
Poland. A.G. Voronov. Vost. Mon. III no 1:1-11
22 no 4:40-41 Ji-Ag '67.
- 502.7(474.2)—Estonian S.S.R.
- [Protection of flora and fauna] Taimestik ja
stiku looduskaitest. Tallinn, Valgus, 1967. 63 p.
[In Estonian]
- 502.7(474.5)—Lithuanian S.S.R.
- Morkunaitė, Z. [Nature of Soviet Lithuania and its
action; a list of recommended literature] Tarps
lituvos gamta ir jos apsauga; rekomenduojama
literatūros rodyklė. Vilnius, 1966. 101 p. [In Lithuanian]
- 51 MATHEMATICS
- Application of mathematical methods in studying the
cases of the distribution of the ferrous metallurgy
Siberia. Z.R. Tsindina, T.IA. Sorokochina. Izv.
AN SSSR Ser. obshchestv. nauk no 6:23-30 My '67
- Dogolubov, N.N., and S.N. Margolin [The Soviet
school of mathematics] Sovetskaya matematika
shkola, Moskva, Znaniye, 1967. 63 p. [Novoe v
matematike, XIX Seriya Matematika, Kibernetika, 9]

- Generalized resolvents of Hermitian operators with incomplete region of determination B. I. Loshkarev. Uch zap Ulan gos ped inst 20 no.4 350-373 '66
- Glorious road of Soviet science A. S. Fedorov. Priroda no. 11 3-9 N '67
- Interrelation of theory of practice. A. Nurmelo. Nar obr no. 12 36-37 D '67
- Mathematical methods in planning. A. Abduganiev. Ekon. i zhizn' no. 7 21-22 '67
- Models of the distribution of industry in the system of optimal planning A. G. Granberg. Izv. SO AN SSSR Ser. obshchestv nauk no. 6 15-22 My '67
- Musaev, S. M. [Coordination and unification of Kirghiz mathematical terminology]. Ob uporiadochenii i unifikatsii kirgizskoi matematicheskoi terminologii. Frunze, Mektep, 1965 49 p
- On the road to great science O. F. Teslia. I. M. Lakovits. Rad shk 45 no. 12 55-61 D '66
- Optional courses in mathematics. V. A. Fal'ko, L. V. Il'usimov. Rad shk 45 no. 8-37-38 Ag '67
- Optional mathematics courses in senior grades. I. I. Pozdnakov. Rad shk 46 no. 8 30-37 Ag '67
- Perturbation of the spectrum of finite-difference operators of the second order M. N. Mezhina. Uch zap Ulan gos. ped inst 20 no. 4 373-378 '66
- Positive spectral functions of symmetrical operators with finite deficiency numbers. L. N. Varlamov-Luks. Uch zap Ulan gos. ped inst 20 no. 1 335-350 '66
- Shakhno, K. U. [Collection of problems in elementary mathematics of medium complexity]. Sbornik zadach po elementarnoi matematike povyshennoi trudnosti. Izd. 3, Ispr. Moskva, Vysshiaia shkola, 1966 475 p
- Solution of a truncated problem of moments M. E. Chumakin. Uch zap Ulan gos. ped inst 20 no. 4 311-334 '66
- Theory of the mathematical models of large systems. E. I. Rogov. Vest. AN Karak. SSR 23 no. 7 29-35 JI '67
- You have checked it, that is good. II. H. Hushchenko. Rad shk. 46 no. 8 49, 61, 67, Ag '67
- 51(477)—Ukrainian S. S. R.
- The Mathematics Institute of the Academy of Sciences of the Ukrainian S. S. R. on the eve of the 50th anniversary of Soviet rule. IU. A. Mitropol'skii, K. A. Breus. Ukr. Mat. zhur. 19 no. 6 3-15 '67
- Principal results of studies at the Department of Mathematical Analysis of the Mathematics Institute of the Academy of Sciences of the Ukrainian S. S. R. IU. M. Berezhanskii, M. L. Gorbachuk. Ukr. mat. zhur. 19 no. 6 73-82 '67
- Principal results of studies conducted at the Department of Mathematical Physics and the Theory of Nonlinear Oscillations at the Mathematics Institute of the Academy of Sciences of the Ukrainian S. S. R. IU. D. Mitropol'skii, Ukr. mat. zhur. 19 no. 6 39-64 '67
- Principal studies of the Mathematics Institute of the Academy of Sciences during Soviet rule IU. A. Mitropol'skii, K. A. Breus. Ukr. mat. zhur. 19 no. 6 16-31 '67
- Probability theory and mathematical statistics at the Mathematics Institute of the Academy of Sciences of the Ukrainian S. S. R. V. S. Koroluk. Ukr. mat. zhur. 19 no. 6 93-96 '67
- Some trends of mathematical studies conducted at Kiev State University. P. I. Chalenko, V. S. Chemeris. Ukr. mat. zhur. 19 no. 6 100-110 '67
- Studies in the field of percolation theory conducted at the Mathematics Institute of the Academy of Sciences of the Ukrainian S. S. R. P. F. Filchakov, V. I. Lavrik. Ukr. mat. zhur. 19 no. 6 97-99 '67
- 51(498)—European communist countries as a group
- The 8th International Schoolchildren's Olympiad in Mathematics. E. Morozova, I. Petukov. Nar obr. no. 12 120 D '67
- 51.02 PHILOSOPHY OF MATHEMATICS
- Petrov, IU. A. [Logical problems of abstractions of infinity and realizability]. Logicheskie problemy abstraktsii beskonечnosti i osushchestvimosi. Moskva, Nauka, 1967, 163 p
- 51.03 ARITHMETIC
- Concepts of equality and inequality in an elementary course of mathematics G. V. Bel'tukova. Nach. shkola 35 no. 7 29-33 JI '67
- Congruences over a quasi-accurate category. M. S. Tsalenko. Mat. sbor. 73 no. 4 564-584 Ag '67
- Functions representable by series according to the Rademacher system A. A. Mutomskii. Izv. vys. ucheb. zav. mat. no. 11 54-66 N '67
- Mikhelovich, Sh. Kh. [Theory of numbers]. Teoriia chisel. Izd. 2, perer. i dop. Moskva, Vysshiaia shkola, 1967 335 p
- Points of finite order of elliptic curves. V. A. Dem'ianenko. Izv. AN SSSR. Ser. mat. 31 no. 6 1327-1340 N-D '67
- Soviet methodology of arithmetic in the past 50 years. A. S. Pchelko. Nach. shkola 35 no. 10 51-62 O '67
- Subject interrelation in mathematics classes. V. P. Trudnev. Nach. shkola 35 no. 7 59-62 JI '67
- The transcendence of numbers of the type aH . M. L. Piatonov. Trudy Irk. un. 15 no. 2 82-96 '57
- Using the shift of items method in the addition of numbers A. Lukauskas, A. M. Gutman. Vop. psikh. 13 no. 3 152-154 My-Je '67
- 511.5 DIOPHANTINE EQUATIONS
- Contribution to the metric theory of linear Diophantine approximations. V. G. Spindzhuk. Dokl. AN SSSR 176 no. 1 43-45 S-O '67
- 512 ALGEBRA
- Best approximation of periodic functions by trigonometric polynomials in L_2 N. I. Chernykh. Mat. zam. 2 no. 5 513-522 '67
- Estimation of the error in the approximation of functions of two variables by generalized Bernstein polynomials on the system of functions $(1 + \frac{x}{2})^n (1 + \frac{y}{2})^m$. O. Sh. Shabozov. Dokl. AN Tadzh. SSR 10 no. 3 3-6 '67
- Godyskii, M. G., and M. P. Dorofeenko. [Collection of individual and test problems in algebra and geometry for the eighth grade]. Sbornik samostoiatel'nykh i kontrol'nykh rabot po algebre i geometrii dlia 8 klassa. Izd. 2., dop. Minsk, Narodnaia osveta, 1967. 188 p
- Lie group cohomologies with real coefficients. I. M. Gelfand, D. B. Fuks. Dokl. AN SSSR 176 no. 1 24-27 S-O '67
- Mastery of the algebraic method of problem solving by younger school-children. T. G. Bodanskii. Vop. psikh. 13 no. 3 120-134 My-Je '67
- Probabilistic proof of a theorem of A. O. Gel'fond. A. A. Shakhbazov. Izv. AN SSSR. Ser. mat. 31 no. 6 1379-1384 N-D '67
- Representation of a group of quaternions over a disconnected locally compact continuous field. I. M. Gelfand, M. I. Graev. Dokl. AN SSSR 177 no. 1 17-20 N-D '67
- Some new relations for Jacobi polynomials. G. I. Popov. Sib. mat. zhur. 8 no. 6 1399-1404 N-D '67
- 512.5 INTERPOLATION
- Belykh, V. M., and V. A. Dugavet. [Exercises to assist in using computational methods]. Uprazhneniia po metodam vychislenii. [Leningrad] Izd-vo Leningr. univ., 1967 53 p
- Estimate of a Lebesgue function for interpolation based on Jacobian polynomial roots. S. A. Agakhanov. Izv. vys. ucheb. zav. mat. no. 11 3-9 N '67
- Estimating the upper and lower bounds of a Lebesgue function in Lagrange interpolation with Jacobian roots G. I. Natanson. Izv. vys. ucheb. zav. mat. no. 11 67-74 N '67
- 512.8 DETERMINANTS
- Study on interpolation processes built up with the aid of an extended system of Chebyshev nodes. D. L. Berman. Dokl. AN SSSR 176 no. 2 239-242 S '67
- Description of automorphisms of the structure of order on a set of matrix norms. G. R. Bellinskii. Mat. sbor. 73 no. 4 149-173 Ag '67
- Effimov, N. V. [Quadratic forms and matrices]. Kvadratische formy i matritsy. Izd. 4. Moskva, Nauka, 1967. 159 p. (Izbrannye glavy vysshiei matematiki dlia inzhenerov i studentov vuzov)
- Irreducible representations of a simple three-dimensional Lie algebra over the field of the finite characteristic. A. N. Rudakov, I. R. Shafarevich. Mat. zam. 2 no. 5 439-454 '67
- Linear representations of the group $SL(2, R)$. R. S. Ismagilov. Mat. sbor. 74 no. 4 499-515 D '67
- On some classes of matrix forms. G. R. Bellinskii. Sib. mat. zhur. 8 no. 6 1214-1221 N-D '67
- Some aspects of the relationship between the theory of memory devices with multiple coincidence of signals and the theory of Latin hypersquares. Part 1. M. I. A. Elngorin, T. N. Elngorina. Izv. vys. ucheb. zav., radiofiz. 10 no. 11 1569-1575 '67
- Some aspects of the relationship between the theory of memory devices with multiple coincidence of signals and the theory of Latin hypersquares. Part 2. M. I. A. Elngorin, T. N. Elngorina. Izv. vys. ucheb. zav., radiofiz. 10 no. 11 1576-1595 '67
- Structure of some classes of matrix groups over a body. A. E. Zaleskii. Sib. mat. zhur. 8 no. 6 1284-1288 N-D '67
- Tangential fields of transversal foliations in U-systems. D. V. Anosov. Mat. zam. 2 no. 5 536-540 '67
- Theorem on semisimple Lie p-algebras. A. I. Kostrikin. Mat. zam. 2 no. 5 465-473 '67
- 512.9 VECTOR ANALYSIS. CALCULUS OF TENSORS
- On the theory of building up models of continuous media. V. A. Zhelnorovich. Dokl. AN SSSR 176 no. 2 263-266 S '67
- Theory of characteristic vectors and its application to the study of the asymptotic behavior of solutions to differential systems. Part 2. Hoang-huu-Duong. Dif. urav. 3 no. 10 1656-1672 O '67
- 513 GEOMETRY
- The geometrical interpretation of the Cauchy problem. A. B. Shykan. Trudy Irk. un. 15 no. 2 174-182 '57
- Godyskii, M. G., and M. P. Dorofeenko. [Collection of individual and test problems in algebra and geometry for the eighth grade]. Sbornik samostoiatel'nykh i kontrol'nykh rabot po algebre i geometrii dlia 8 klassa. Izd. 2., dop. Minsk, Narodnaia osveta, 1967. 188 p
- Integral geometry in Euclidean space and its connection with boundary value problems. V. I. Seminnitskiy, Z. F. Shibaeva. Dokl. AN SSSR 176 no. 2 269-272 S '67
- Kahlerian manifolds allowing of a transitive soluble group of automorphisms. E. B. Vinberg, S. G. Gindikin. Mat. sbor. 74 no. 3 357-377 N '67
- Lie groups transitive on compact manifolds. Part 2. A. L. Onishchik. Mat. sbor. 74 no. 3 398-416 N '67
- Semifocal two-parameter families of straight lines in P_3 space. L. Z. Krugliakov. Izv. vys. ucheb. zav. mat. no. 11 35-42 N '67
- 513.3 SOLID GEOMETRY
- Geometrical interpretation of Taylor's local formula. IU. F. Khaikovich. Trudy Irk. un. 15 no. 2 111-116 '57
- Geometrical interpretations of problems dealing with the motion of a heavy solid body having a single fixed point. P. A. Shabanov. Trudy Irk. un. 15 no. 2 140-163 '57
- On some possible geometrical interpretations of the main invariant of a metrized bundle of spheres. I. N. Rukavitsyn. Trudy Irk. un. 15 no. 2 99-102 '57
- Studies of Russian scientists on the dynamics of solid bodies. P. A. Shabanov. Trudy Irk. un. 15 no. 2 117-139 '57
- 513.6 ALGEBRAIC CURVES, SURFACES AND VARIETIES
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- 513.7 LINE AND ENUMERATIVE GEOMETRY. COMPLEXES CONSEQUENCES. KINEMATIC GEOMETRY. TRANSFORMATIONS
- Geometries governing the algebra of split octaves. D. B. Persits. Izv. AN SSSR. Ser. mat. 31 no. 6 1203-1270 N-D '67
- Invariant properties of movable quasi-Euclidean W_2 spaces. Sh. A. Iafarov. Izv. vys. ucheb. zav. mat. no. 11 107-116 N '67
- On the haptimetric relations of generalized groups of transformations. G. I. Zhitomirskii. Mat. sbor. 73 no. 4 500-512 Ag '67
- Use of geometrical transformations in drawing graphs of functions. N. S. Satvaldiev. Uch. zap. Ferg. gos. ped. inst. Ser. mat. no. 1 91-99 '65
- 513.8 NON-EUCLIDEAN, MULTIDIMENSIONAL AND OTHER FORMS OF GEOMETRY. FUNCTIONAL AND HILBERT SPACES
- Approximate properties of sets in some topological spaces. A. L. Garkavi, A. M. Flomin. Mat. zam. 2 no. 5 523-530 '67
- Automorphisms of pairs of quadrics in projective space. Part 2. S. I. Pevzner. Sib. mat. zhur. 8 no. 5 1395-1398 N-D '67
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- Branching of periodic solutions to autonomous systems and differential equations in Banach spaces. P. G. Alzengendri, M. M. Vainov. Dokl. AN SSSR 176 no. 1 9-12 S-O '67
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- Duality of functions defined on the category of nuclear (F)-spaces. G. Kh. Reiman. Mat. sbor. 74 no. 1 475-495 D '67
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- Invariant subspaces of weighted shift operators. N. K. Nikol'skii. Mat. sbor. 74 no. 2 171-190 O '67
- Manifolds engendered by finite groups. IU. M. Gorchakov. Alg. i log. 6 no. 3 9-11 '67
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- Nonlinear differential equations in Banach space close to linear ones. K. V. Vasilkov. Dif. urav. 3 no. 10 1692-1706 O '67
- Normalization of isotropic hypersurfaces. N. G. Galastian. Dokl. AN Arm. SSR 45 no. 3 97-100 '67
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- On the function space $W^{m,p}_{\alpha_1, \dots, \alpha_n}(T, Q)$ and perfectly continuous operators in weighing spaces. D. F. Kufnichenko. Dif. urav. 3 no. 11 1024-1041 N '67
- On the manifold $B(L, I_m, L_{m+1})$ in the n -dimensional projective space $P_n(m, 2)$. E. T. Ivlev. Sib. mat. zhur. 8 no. 5 1397-1420 N-D '67
- Partial multiplications for the realization of line elements. A. I. Veksler. Izv. AN SSSR. Ser. mat. 31 no. 6 1203-1228 N-D '67
- Problem of the minimum functional. P. P. Mosolov. Izv. AN SSSR. Ser. mat. 31 no. 6 1289-1310 N-D '67
- Resolution theorems for compact complex spaces with a sufficiently large field of meromorphic functions. B. G. Moishezon. Izv. AN SSSR. Ser. mat. 31 no. 6 1385-1414 N-D '67

- 513.8 (Continued)
- Some theorems bearing on the dimensionality of Ind , t , k , Lifanov Dokl AN SSSR 177 no 1 31-36 N-D '67
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- 517 ANALYSIS CALCULUS
- Instability of a symmetric solution to the problem involving a circular symmetrically loaded plate free from stresses on the contour V.N. Krachun, N.I. Morozov Izv. vys. ucheb. zav., mat. no 11 31-34 N '67
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- Mathematical model and statistical characteristics of a beer column M.I. Mandel'shteyn, L.M. Trahtenberg, Z.L. Lushtak Term. i spirt. prom. 33 no 7 16-23 '67
- On the theory of building up models of continuous media, V.A. Zhelezovskii, Dokl AN SSSR 176 no 2 283-286 S '67
- Strictly linear functionals and the reflexivity in normed linear structures, G.I.A. Lozanovskii, A.A. Mekler Izv. vys. ucheb. zav., mat. no 11 47-53 N '67
- 517.1 MATHEMATICAL LOGIC
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- Fundamental systems of Laplace operator functions in an arbitrary domain and the asymptotic estimation of fundamental numbers, V.A. Il'in, Dokl AN SSSR 177 no 1 25-28 N-D '67
- Invariant subspaces of weighted shift operators, N.K. Nikolskii, Mat. sbor. 74 no 2 171-190 O '67
- The Maxwell operator in a bounded domain subject to certain boundary conditions, G.G. Dzhebeian Izv. AN Arm. SSR Mat. 2 no 5 318-328 '67
- On some n -dimensional integral operators with homogeneous kernels, L.G. Mikhalov, Dokl AN SSSR 176 no 2 263-265 S '67
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- On the spectral theory of polynomial bundles of operators in Banach spaces, A.S. Markus, Sib. mat. zhur. 8 no 6 1346-1369 N-D '67
- Some relations between the properties of constructive functions and operators from quasi-numbers into quasi-numbers, B.A. Kushner, Dokl AN SSSR 177 no 1 29-32 N-D '67
- Symmetrizable linear operators, meromorphically dependent on the parameter, and their applications, D.F. Kharsov Izv. vys. ucheb. zav., mat. no 11 90-97 N '67
- Upper and lower bounds for matrix elements of operators in the first order of perturbation theory I.U. Dmitriev, M.S. Il'iev, Vest. LGU 22 no 22,57-60 N '67
- 517.5 THEORY OF FUNCTIONS
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- Autocorrelative numerical functions selected from a binary pseudorandom sequence, A.K. Shvetsov, Trudy TSNIIM 12 no 80-10-53 '67
- Best approximation of a class of functions by another class I.U. N. Subbotin Mat. zam. 2 no 5 495-504 '67
- Best approximation of periodic functions by trigonometric polynomials in L_2 N.I. Chernykh Mat. zam. 2 no 5 513-522 '67
- Boundary properties of class N_p meromorphic functions, M.M. Dzhabashan, V.S. Zakharin Izv. AN Arm. SSR Mat. 2 no 5 275-294 '67
- Coercivity in nonisotropic Sobolev space, O.V. Besov Mat. sbor. 73 no 4 585-599 Ag '67
- Convergence of the method of collocation along lines, I.U. P. Artsev, Dif. urav. 3 no 9 1606-1613 S '67
- "Correction" to functions of several variables given on a torus, G.M. Chernomashentsev, Dokl AN SSSR 176 no 2 277-278 S '67
- Estimate of a Lebesgue function for interpolation based on Jacobian polynomial roots S.A. Akhanov, Izv. vys. ucheb. zav., mat. no 11 3-6 N '67
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- Estimation of the error in the approximation of functions of two variables by generalized Bernstein polynomials on the system of functions $(1 + \frac{x}{2})^n (1 + \frac{y}{2})^m$, O.Sh. Shabozov, Dokl AN Tadzh. SSR 10 no 9 3-6 '67
- Exemplification of a harmonic function bounded outside of a solid of revolution and growing inside of it I.S. Alishon, M.A. Pak Dokl AN SSSR 177 no 1 11-13 N-D '67
- Existence and uniqueness of the solution to the kinetic equation G.B. Il'inskaya, B.V. Filippov Aerodin. razresh. gaz., no 3 14-50 '67
- Functions representable by series according to the Rademacher system A.A. Muromskii Izv. vys. ucheb. zav., mat. no 11 54-66 N '67
- Fundamental systems of Laplace operator functions in an arbitrary domain and the asymptotic estimation of fundamental numbers V.A. Il'in, Dokl AN SSSR 177 no 1 25-28 N-D '67
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- Homeomorphism of quasiconformal space mappings, V.A. Zorich, Dokl AN SSSR 176 no 1 31-34 S-O '67
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- Instability of a symmetric solution to the problem involving a circular symmetrically loaded plate free from stresses on the contour, V.N. Krachun, N.F. Morozov Izv. vys. ucheb. zav., mat. no 11 31-34 N '67
- Integral geometry in Euclidean space and its connection with boundary value problems, V.I. Semantsev, Z.F. Shibaeva, Dokl AN SSSR 176 no 2 269-272 S '67
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- Lebesgue constant for a space of continuous functions bounded by a p -variation, A.P. Tereshkin, Mat. zam. 2 no 5 505-512 '67
- Localization of equiconvergence theorems, N.P. Kupstov, Mat. sbor. 74 no 4 554-564 D '67
- Lomkatsi, T.S.D. [Tables of Weierstrass elliptic functions] Tablitsy ellipticheskoi funktsii Veystrass; teoreticheskaya chast' V.M. Beliakova [K.A. Karpova, Moskva, VTS AN SSSR, 1967. 88 p. (Tablitsy Vychislitel'nogo tsentra Akademii nauk SSSR)]
- M.A. Lavrent'ev's theorem on quasiconformal space mappings, V.A. Zorich Mat. sbor. 74 no 3 417-433 N '67
- Macdonald's theory of integrals, Part 2. Asymptotic expansions, A.A. Tuzhilin, Dif. urav. 3 no 10 1761-1765 O '67
- A method for studying nonregular wave guides with impedance conditions at the boundary, A.S. Il'inskii, A.G. Sveshnikov, Dokl AN SSSR 176 no 2 255-258 S '67
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- On shares of algebras of analytic functions and measures orthogonal to these algebras, R.E. Val'skii, Sib. mat. zhur. 8 no 6 1222-1235 N-D '67
- On the completeness of some systems of functions, M.A. Aleksizdo, Dif. urav. 3 no 10 1766-1771 O '67
- On the rapidity of rational approximation of continuous functions with characteristic singularities, A.A. Gonchar, Mat. sbor. 73 no 4 630-638 Ag '67
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- A Poincaré - Birkhoff problem, L.P. Shil'nikov, Mat. sbor. 74 no 3 376-397 N '67
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- Regularized root sums of a class of entire functions, V.B. Lidskii, V.A. Sadovnichii, Dokl AN SSSR 171 no 2 259-262 S '67
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- Resolution theorems for compact complex spaces and a sufficiently large field of meromorphic functions, B.G. Molshchey, Izv. AN SSSR, Ser. mat. 31 no 6 1385-1414 N-D '67
- Reversion formulae for the fundamental integral representation of p -analytic functions of $z + \bar{y}$ with the characteristics p, q, k , G.N. Polozhil, Dokl AN SSSR 177 no 1 10-43 N-D '67
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- Some of the results achieved by V.A. Iakulovich using V.M. Popov's method, V.A. Brusin Izv. vys. ucheb. zav., radiofiz. 10 no 11 1612-1611 '67
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- Strong continuous summability methods for trigonometric series V.A. Pustovalov, Mat. sbor. 73 no 4 471-499 Ag '67
- Study on interpolation processes built up with the aid of an extended system of Chebyshev nodes, D.I. Bortz, Dokl AN SSSR 176 no 2 233-242 S '67
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- Systems with discontinuities at given time intervals, A.D. Myshkis, A.M. Samoilenko, Mat. sbor. 74 no 1 202-208 O '67
- Theory of a spherical bearing, A.K. Nikitin, F.S. Nersisyan Izv. vys. ucheb. zav., mat. no 11 75-89 N '67
- Two-point and multipoint Taylor formulae, O.N. Lity, V.L. Ryachov, Dif. urav. 3 no 11 1990-1998 N '67
- Use of D.G. Vainstein's method in solving boundary value problems in superhigh-frequency electrodynamics, E.L. Kulikov, V.K. Il'in, Izv. vys. ucheb. zav., radiofiz. 10 no 5 680-692 '67
- Use of the method of Green's functions in the theory of quantum kinetic equations, Part 1, S.A. Smolinskii, Izv. vys. ucheb. zav., fiz. 10 no 10 116-121 '67
- Use of the method of Green's functions in the theory of quantum kinetic equations, Part 2, V.N. Avdonin, S.I. Smolinskii, Izv. vys. ucheb. zav., fiz. 10 no 10 121-125 '67
- 517.5(477)—Ukrainian S.S.R.
- Studies on the theory of functions at the Mathematics Institute of the Academy of Sciences of the Ukrainian S.S.R. during Soviet rule, I.U. Trokhimchuk, Ukr. mat. zhur. 18 no 6 65-72 '67
- 517.512 SERIES
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- Linear functionals and Daniel's integral in spaces of uniformly continuous functions, V.P. Fedorova, Mat. sbor. 74 no 2 191-201 O '67
- Macdonald's theory of integrals, Part 2. Asymptotic expansions, A.A. Tuzhilin, Dif. urav. 3 no 10 1761-1765 O '67
- A method for the introduction of finite terms of divergent integrals and their applications in the operational calculus, V.A. Ditkin, A.P. Prudnikov, Dif. urav. 3 no 10 1772-1781 O '67
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- Analytic solution of a system of equations describing the asymmetric flow of an incompressible fluid, G. I. Kharov, *Izv. Akad. Nauk SSSR, Prikl. mat. i mekh.* 31 no. 5 828-831 S-O '67.
- The analytic theory of differential equations and problems in a qualitative theory of differential equations related to the first method and methods in the analytic theory, N. P. Frugin, *Dif. urav.* 3 no. 11 1821-1863 N '67.
- An approach to nonlinear boundary value problems for ordinary differential equations, A. I. L'pin, V. D. Vyshnia, *Dif. urav.* 3 no. 11 1882-1888 N '67.
- Asymptotic behavior of the solutions in a class of integro-differential Volterra equations, V. R. Vinokurov, *Dif. urav.* 3 no. 10 1732-1741 O '67.
- Asymptotic representation of the solution to a boundary value problem for a system of ordinary differential equations with a complex parameter, M. Z. Ibragimkhalilov, *Dif. urav.* 3 no. 9 1537-1542 S '67.
- Asymptotic solution of an optimum control problem, N. Kh. Bagirova, A. B. Vasil'eva, M. I. Imanaliyev, *Dif. urav.* 3 no. 11 1895-1902 N '67.
- Weighting in systems of integro-differential equations, A. N. Filatov, *Dif. urav.* 3 no. 10 1725-1731 O '67.
- Behavior of the solution to the Cauchy-Poisson problem when the large E. K. Isakova, *Dokl. AN SSSR* 176 no. 1 50-52 S-O '67.
- Behavior of trajectories of a class of dynamic systems, V. K. Melnikov, *Mat. sbor.* 73 no. 4 535-553 Ag '67.
- Bel'ykh, V. M., and V. A. Dugayev, [Exercises to assist in using computation methods] *Uchenykh po metodam vychislenii* [Leningrad] Izd-vo Leningr. univ., 1967 53 p.
- A boundary value problem for a mixed-type equation, M. Meredov, D. Garov, *Izv. AN Tadj. SSR Ser. fiz.-tekh., khim. i gos. nauk*, no. 5 70-78 '67.
- Branching of periodic solutions to autonomous systems and differential equations in Banach spaces, P. G. Arzengender, M. M. Vainberg, *Dokl. AN SSSR* 176 no. 1 8-12 S-O '67.
- Branching of the solutions to the Cauchy problem for a class of nonlinear integro-differential equations, N. I. Sidorov, *Dif. urav.* 3 no. 9 1592-1601 S '67.
- A case of integrability of the Hamilton-Jacobi equation, L. E. Glikman, E. M. IAPushov, *Prikl. mat. i mekh.* 31 no. 5 937 S-O '67.
- Cauchy problem for a Schrödinger equation with variable coefficients, I. V. Sidorov, *Mat. sbor.* 74 no. 4 580-594 D '67.
- Conditions for the existence of recursive trajectories in dynamic systems with a cylindrical phase space, E. A. Barashin, *Dif. urav.* 3 no. 10 1627-1643 O '67.
- A contact problem for a linearly deformable brain, V. S. Protchenko, *Dif. urav.* 3 no. 11 1999-2002 N '67.
- Contribution to the theory of Painlevé's third equation, N. A. Lukashevich, *Dif. urav.* 3 no. 11 1913-1923 N '67.
- Convergence of the method of collocation along lines, I. U. P. Arisev, *Dif. urav.* 3 no. 9 1606-1613 S '67.
- Derivation of difference analogs of some boundary value problems, G. I. Gershengorn, *Dokl. AN SSSR* 176 no. 1 28-30 S-O '67.
- Difference schemes with a splitting operator for a system of equations of the form $L_0 \dot{y} + L_1 y = F, E, G$, D. Ikonov, *Dokl. AN SSSR* 176 no. 2 247-250 S '67.
- Dissipativeness and periodic solutions to asymmetric systems of the second order, A. F. Filippov, *Dif. urav.* 3 no. 10 1634-1642 O '67.
- Equations with delayed argument and the stability of boiling channels, E. P. Sabae, *Izv. vys. ucheb. zav., radiofiz.* 10 no. 11 1551-1562 '67.
- Estimates of higher derivatives in solving elliptic and parabolic equations with continuous coefficients, S. N. Kravchikov, *Mat. zam.* 2 no. 5 549-560 '67.
- Evans theorems for a class of integral equations with kernels having a singularity of the type of a homogeneous function of power -1 , B. M. Biri'man, *Dokl. AN Tadj. SSR* 10 no. 9 12-15 '67.
- Examination of a mixed problem for a class of quasi-linear differential equations of the third order, G. A. Rasulova, *Dif. urav.* 3 no. 9 1576-1581 S '67.
- Existence of invariant tori in the vicinity of the null solution to ordinary differential equations, I. U. N. Bibikov, V. A. Plise, *Dif. urav.* 3 no. 11 1984-1991 N '67.
- Expansion of the boundary transform, R. G. Barantsev, E. P. Provotorov, *Aerodin. i razrezh. gaz.* no. 3 67-74 '67.
- An extension of the invariant Liouville relation, A. I. Savchenko, *Prikl. mat. i mekh.* 31 no. 5 935-936 S-O '67.
- Field of a horizontal magnetic dipole in the presence of a spheroid, E. A. Ivanov, *Dif. urav.* 3 no. 9 1513-1551 S '67.
- First boundary value problems for the differential equation describing the elastic equilibrium of a spherical shell, M. A. Ismailov, *Dokl. AN Tadj. SSR* 10 no. 9 7-11 '67.
- Free molecular flow around the bodies of complicated shape, E. V. Alekseeva, R. G. Barantsev, *Aerodin. i razrezh. gaz.* no. 3 58-66 '67.
- General singular equation on an open contour and Abel's generalized equation, S. G. Samko, *Dokl. AN SSSR* 177 no. 1 44-47 N-D '67.
- Generalized Cauchy problem for an ultraparabolic equation, V. S. Vladimirov, I. U. N. Drozhzhinov, *Izv. AN SSSR, Ser. mat.* 31 no. 6 1341-1380 N-D '67.
- Graphic solution of a mixed type equation, I. U. F. Kharkovich, *Trudy IZh. un.* 15 no. 2 103-110 '67.
- Implicit differences scheme for the minimization of functionals and solution of nonlinear systems, I. A. I. Al'ber, *Izv. vys. ucheb. zav., radiofiz.* 10 no. 7 1035-1041 '67.
- Intersynchronization of self-oscillating systems with allowance for the delay of coupling forces, I. U. F. Matchenko, *Izv. vys. ucheb. zav., radiofiz.* 10 no. 11 1533-1539 '67.
- The inverse problems in the qualitative theory of differential equations, R. G. Mukharlamov, *Dif. urav.* 3 no. 10 1671-1681 O '67.
- Limit of the solution to a wave equation for an inhomogeneous medium when it tends to infinity, I. Z. Kozhanov, *Dif. urav.* 3 no. 9 1552-1559 S '67.
- Local theory of relaxation for nonlinear equations, G. D. Maistrovskii, *Dokl. AN SSSR* 177 no. 1 37-38 N-D '67.
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- A method of representation of the solutions to an inhomogeneous system of Tricomi type equations, P. V. Chekmarev, *Izv. vys. ucheb. zav., mat.* no. 11 98-106 N '67.
- Mixed problem for a hyperbolic equation, M. A. Akhmediev, *Uch. zap. Ferg. gos. ped. inst. Ser. mat.* no. 1 49-54 '65.
- Nonlinear abstract hyperbolic equations, S. I. Aikubov, *Dokl. AN SSSR* 176 no. 1 46-49 S-O '67.
- Nonlinear differential equations in Banach space close to linear ones, K. V. Volikov, *Dif. urav.* 3 no. 10 1692-1706 O '67.
- Nonlocal solubility of boundary value problems for quasi-linear partial differential equations of the hyperbolic type, S. I. Aikubov, *Dokl. AN SSSR* 176 no. 2 279-282 S '67.
- Normally soluble problems for elliptic systems of convolution equations, M. I. Vshik, G. I. Eskin, *Mat. sbor.* 74 no. 3 326-356 N '67.
- Number of periodic solutions of the second kind to the differential equation $\ddot{y} + f(y) = 0$, G. I. Shilova, *Dif. urav.* 3 no. 10 1692-1699 O '67.
- On a theorem of Carathéodory, N. A. Ivanov, *Dif. urav.* 3 no. 9 1471-1476 S '67.
- On bounded and variable solutions to the system $\dot{x} = f(x, y)$, L. V. Khokhlova, *Dif. urav.* 3 no. 9 1437-1449 S '67.
- On the theory of operators of the form $\frac{d}{dt} \frac{d}{dt} \dots \frac{d}{dt} y = A y$, Romanko, *Dif. urav.* 3 no. 11 1957-1970 N '67.
- An operator equation in the free electron theory, S. A. Grineva, P. A. Usik, *Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk* no. 2 51-53 M-Apr '67.
- A partial differential equation with delayed argument, B. P. Tkach, *Dif. urav.* 3 no. 10 1796-1800 O '67.
- A periodic boundary value problem for the differential equation $y^{(n)} = f(t, y, y', \dots, y^{(n-1)}, O, I, A, Khokhlov$, *Dif. urav.* 3 no. 10 1643-1655 O '67.
- Periodic solutions of nonlinear equations of the second order, A. M. Samoilenko, *Dif. urav.* 3 no. 11 1903-1912 N '67.
- Periodic solutions to a nonlinear parabolic equation, K. Baikuziev, D. Kh. Karimov, *Uch. zap. Ferg. gos. ped. inst. Ser. mat.* no. 1 27-40 '65.
- Periodic solutions to a wave equation, G. T. Sokolov, *Uch. zap. Ferg. gos. ped. inst. Ser. mat.* no. 1 17-25 '65.
- A Poincaré-Birkhoff problem, L. P. Shil'nikov, *Mat. sbor.* 74 no. 3 378-397 N '67.
- Point boundary value problems for the linear system of differential equations, M. E. Samukhanov, *Vest. AN Kazakh. SSR* 23 no. 7 50-53 JI '67.
- Problem dealing with the transverse vibrations of a viscoelastic rod, S. I. Gaidak, *Dif. urav.* 3 no. 9 1518-1536 S '67.
- Problem E for a class of degenerate nonlinear elliptic equations, M. I. Aliev, *Dokl. AN SSSR* 176 no. 1 13-15 S-O '67.
- The problem of analytic construction of regulators, V. I. Bondarenko, I. U. M. Filimonov, *Dif. urav.* 3 no. 10 1792-1795 O '67.
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- Qualitative study of a second-order differential equation in regulation theory, Part 2, V. A. Tabuova, *Dif. urav.* 3 no. 9 1415-1426 S '67.
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- Recurrent solutions to differential equations and the general theory of dynamic systems, B. A. Sheherbakov, *Dif. urav.* 3 no. 9 1450-1460 S '67.
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- Second mixed problem for a hyperbolic equation degenerate on the domain boundary, Dz. Manudzhinov, B. Kalanov, *Uch. zap. Ferg. gos. ped. inst. Ser. mat.* no. 1 55-62 '65.
- Sensitivity analysis of linear dynamic systems with finite parameter variations, S. V. Shil'man, *Izv. vys. ucheb. zav., radiofiz.* 10 no. 11 1510-1522 '67.
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- Solution of a boundary value problem by the method of R-functions, A. P. Volkov and others, *Dif. urav.* 3 no. 9 1602-1605 S '67.
- Solution of singular Cauchy problems in base series, M. B. Kapilevich, *Dif. urav.* 3 no. 9 1560-1577 S '67.
- Solution of the Cauchy problem for linear integro-differential equations, V. V. Vasil'ev, *Trudy Irk. un.* 15 no. 2 32-35 '67.
- Solutions to moment equations, R. G. Barantsev, *Aerodin. i razrezh. gaz.* no. 3 51-57 '67.
- Solvability of mixed problems for hyperbolic and parabolic equations degenerate on the domain boundary, D. Karimov, K. Baikuziev, *Uch. zap. Ferg. gos. ped. inst. Ser. mat.* no. 1 75-92 '65.
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- A sufficient indication of the stability of the trivial solution to a third-order differential equation with periodic coefficients, G. A. Iosif, *Dif. urav.* 3 no. 10 1707-1717 O '67.
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- Systems with discontinuities at given time intervals, A. D. Myshkis, A. M. Samoilenko, *Mat. sbor.* 74 no. 3 202-208 O '67.
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- Theory of characteristic vectors and its application to the study of the asymptotic behavior of solutions to differential systems, Part 2, Hoang-hua-Phong, *Ukr. mat. zh.* 3 no. 10 1650-1672 O '67.
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- Use of the Fourier method in solving a mixed problem for a nonlinear hyperbolic equation degenerate on the domain boundary, K. B. Baikuziev, *Uch. zap. Ferg. gos. ped. inst. Ser. mat.* no. 1 7-16 '65.

- 518 SPECIAL METHODS OF CALCULATION. COMPUTING AIDS. GRAPHICAL CALCULATION. Comparison of the exactness of the numerical integration of differential equations of the second order and a corresponding system of differential equations of the first order. L. A. Adrianova. *Dif. urav.* 3 no. 9, 1508-1517 S '67.
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- Holography without a reference beam. V. V. Aristov and others. *Dokl. AN SSSR.* 177 no. 165-67 N-D '67.
- Levin, M., and S. Ul'm. [Handbook on computation methods.] *Arvutismetodite kasti amat.* Tallinn, Valgus, 1966. 247 p. [In Estonian.]
- Nomograms for determining parameters of the equation $y = \log(\log x + \sin \sqrt{x})$. B. F. Losov. *Okeanologiya* 1 no. 1-702-706 '66.
- Apparatus supplying the reference and information systems of business enterprises and organizations with new materials. D. I. Shchegolev. *NTI Ser.* 1 no. 316-18 '67.
- 519 9 MATHEMATICAL GAMES. Problem dealing with game encounter of motions. A. I. Subbotin. *Pril. mat. i mekh.* 31 no. 5 834-840 S-O '67.
- 519 1 COMBINATORIAL ANALYSIS. Assessment of the remainder term of a generalized local limit theorem of De Moivre-Laplace. M. M. Mamatov. *Uch. zap. Fiz. gos. ped. inst. Ser. mat.* no. 1-63-66 '65.
- Boundary value problems for random walks and large deviations in function spaces. A. A. Borovkov. *Teor. verol. i ee prim.* 12 no. 4:635-654 '67.
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- The geometrical interpretation of the Cauchy problem. A. B. Shitkin. *Trudy Lk. un.* 15 no. 2 174-182 '57.
- Interpolation of random processes. Z. A. Piranashvili. *Teor. verol. i ee prim.* 12 no. 4:708-717 '67.
- On moments of the magnitude and time of the first jump over a curvilinear boundary. V. I. Rotar'. *Teor. verol. i ee prim.* 12 no. 4:755-762 '67.
- On some problems related to the Brownian motion of Levy's type. G. M. Molchan. *Teor. verol. i ee prim.* 12 no. 4:747-755 '67.
- Probabilistic proof of a theorem of A. O. Gel'fond. A. A. Shakhbazov. *Izv. AN SSSR. Ser. mat.* 31 no. 6:1378-1384 N-D '67.
- A probability problem for a one-dimensional heat conduction equation. N. N. Vakhania. *Teor. verol. i ee prim.* 12 no. 4:727-729 '67.
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- Some generalizations of limit theorems in probability theory. I. U. P. Studnev. *Teor. verol. i ee prim.* 12 no. 4:729-734 '67.
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- Theory of estimation of the scale parameter. A. M. Kagan. A. L. Rukhin. *Teor. verol. i ee prim.* 12 no. 4:735-741 '67.
- 519 3 CALCULUS OF VARIATIONS. FUNCTIONAL ANALYSIS. Compact admitting of Chebyshev systems of measures. A. L. Garkavi. *Mat. sbor.* 74 no. 2:209-217 O '67.
- Linear functionals and Daniell's integral in spaces of uniformly continuous functions. V. P. Fedorova. *Mat. sbor.* 74 no. 2 191-201 O '67.
- A method for the introduction of finite terms of divergent integrals and their applications in the operational calculus. V. A. Ditkin. A. P. Prudnikov. *Dif. urav.* 3 no. 10 1772-1781 O '67.
- Nonlinear abstract hyperbolic equations. S. I. Akubov. *Dokl. AN SSSR.* 176 no. 1 46-49 S-O '67.
- Sufficient conditions for the existence of discontinuous solutions for the simplest integral in the calculus of variations. Part 1. V. N. Koshel', S. F. Morozov. *Izv. vys. ucheb. zav. mat.* no. 11:21-30 N '67.
- Use of Liapunov's method for linear systems with a delay. V. B. Kolmanovskii. *Pril. mat. i mekh.* 31 no. 5 959-963 S-O '67.
- 519 4 THEORY OF GROUPS. Abstract characteristics of a class of semigroups of partially reflexive binary relations. K. A. Zaretskii. *Sib. mat. zhur.* 8 no. 6 1299-1306 N-D '67.
- Algorithmic problems for some classes of quasi-groups. A. A. Gvaramia, M. M. Glukhov. *Dokl. AN SSSR.* 177 no. 1 14-16 N-D '67.
- Birational representations of multiplicative and additive groups. E. G. Koshevoi. *Sib. mat. zhur.* 8 no. 6 1339-1345 N-D '67.
- The category of Harish-Chandra modules over the Lie algebra of a Lorentz group. I. M. Gel'fand, V. A. Ponomarev. *Dokl. AN SSSR.* 176 no. 2:243-246 S '67.
- Completeness of irregular representations of a group of rotations. S. S. Sannikov. *Ukr. fiz. zhur.* 12 no. 7:1215-1217 N '67.
- Convergence of products of independent random variables taking values from an arbitrary finite group. V. M. Maksimov. *Teor. verol. i ee prim.* 12 no. 4:678-697 '67.
- Description of automorphisms of the structure of order on a set of matrix norms. G. R. Belitskii. *Mat. sbor.* 73 no. 4 449-473 Ag '67.
- Drafting operators for irreducible representations of spatial groups. M. S. Shur. *Kristallografiya* 12 no. 6 981-986 N-D '67.
- Elementary theory of maximal normed fields. Part 3. I. U. Ershov. *Alg. i log.* 6 no. 3 31-38 '67.
- Example of a G-periodic group without torsion. I. U. M. Gorchakov. *Alg. i log.* 6 no. 3 5-7 '67.
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- Fraternal subgroups of n-nilpotent groups. G. A. Karashev. *Sib. mat. zhur.* 8 no. 6 1432-1436 N-D '67.
- Generalization of Shupitskii and Iabonskii's theorems. *Alg. i log.* 6 no. 3 61-75 '67.
- Geometries governing the algebra of split octaves. D. B. Pershte. *Izv. AN SSSR. Ser. mat.* 31 no. 6:1203-1270 N-D '67.
- Groups with given properties of systems of infinite subgroups. S. N. Chernikov. *Ukr. mat. zhur.* 10 no. 6:121-131 '67.
- Hereditary orders and Bass's orders. I. U. A. Diod, V. V. Kirichenko, A. V. Roiter. *Izv. AN SSSR. Ser. mat.* 31 no. 6:1415-1436 N-D '67.
- Invariant properties of movable quasi-Euclidean W_2 spaces. Sh. A. Lafarov. *Izv. vys. ucheb. zav. mat.* no. 11:107-116 N '67.
- Isomorphisms of maximum subalgebras of a Robinson algebra. *Alg. i log.* 6 no. 3 91-99 '67.
- Kurosh, A. G. [Theory of groups.] *Teoriya grupp.* Izd. 3, dop. Moskva, Nauka, 1967. 648 p.
- Lie groups transitive on compact manifolds. Part 2. I. L. Onitschik. *Mat. sbor.* 74 no. 3 398-416 N '67.
- Local bicompact rings without zero divisors. Z. S. Ljupkina. *Izv. AN SSSR. Ser. mat.* 31 no. 6:1230-1262 N-D '67.
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- Multinomial groups. I. U. M. Gorchakov. *Alg. i log.* 6 no. 3 25-30 '67.
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- On filtered products of models. A. I. Omarov. *Alg. i log.* 6 no. 3 77-89 '67.
- On rational points over Henselian fields. I. U. L. Ershov. *Alg. i log.* 6 no. 3 39-49 '67.
- On some subgroups with a single defining relation. D. I. Moldavskii. *Sib. mat. zhur.* 8 no. 6 1370-1384 N-D '67.
- On the Clebsch-Gordan coefficients of symmetric representations of SU groups. S. I. Al'tshauskas, A. P. Iliuts. *Dokl. AN SSSR.* 177 no. 1:61-64 N-D '67.
- On the imprimitivity relations of generalized groups of transformations. G. I. Zhitomirskii. *Mat. sbor.* 73 no. 4 500-512 Ag '67.
- Partial multiplications for the realization of line elements. A. I. Veksel'. *Izv. AN SSSR. Ser. mat.* 31 no. 6:1203-1228 N-D '67.
- Points of finite order of elliptic curves. V. A. Dem'iaenko. *Izv. AN SSSR. Ser. mat.* 31 no. 6:1327-1340 N-D '67.
- Refinement of a theorem of Bass. L. A. Nazarova. *I. I. Roiter. Dokl. AN SSSR.* 176 no. 2 266-269 S '67.
- Remarks on the duality of functors in the category of Abelian groups. D. B. Fuks. *Dokl. AN SSSR.* 176 no. 2 273-276 S '67.
- Representation of a group of quaternions over a field. Connected locally compact continuous field. I. M. Gel'fand, M. I. Graev. *Dokl. AN SSSR.* 177 no. 1 17-20 N-D '67.
- Representations of a quadrat. L. A. Nazarova. *Izv. AN SSSR. Ser. mat.* 31 no. 6:1361-1378 N-D '67.
- Rings with a distributive structure of subrings. P. A. Tsidman. *Mat. sbor.* 73 no. 4 513-534 Ag '67.
- Separability of subsemigroups by complex characters. M. M. Lesokhin. *Mat. sbor.* 74 no. 2 314-320 O '67.
- Solubility and supersolubility criteria for finite groups. V. A. Vedernikov. *Sib. mat. zhur.* 8 no. 6 1274-1244 D '67.
- Some more examples of undecidable theories. M. A. Taitslin. *Alg. i log.* 6 no. 3 105-111 '67.
- Structural isomorphisms of ordered semigroups subject to a contraction law. L. N. Shevlin. *Izv. AN SSSR. Ser. mat.* 31 no. 6:1229-1238 N-D '67.
- Structure of n-Abelian groups. L. A. Kaluzhina. *Izv. znan.* 2 no. 5 455-464 '67.
- Structure of some classes of matrix groups over a field. A. E. Zaleskii. *Sib. mat. zhur.* 8 no. 6 1284-1293 Ag '67.
- Unitary representations of the group SU(3, c). A. V. Prokhorov. *Vest. LGU.* 22 no. 22:11-11 N '67.
- 519 48 ALGEBRAIC FIELDS, RINGS, IDEALS. Periodic Hamiltonian rings. V. I. Andrianov. *Mat. sbor.* 74 no. 2:211-261 O '67.
- 519 5 THEORY OF SETS. Approximate properties of sets in some topological spaces. A. L. Garkavi, A. M. Flomin. *Mat. zam.* 2 no. 5 523-530 '67.
- Compact measures and products of Lebesgue spaces. V. G. Vinokurov. *Mat. sbor.* 74 no. 3 134-172 N-D '67.
- Some classes of spaces of convex sets and their extensions. M. G. Rabinovich. *Sib. mat. zhur.* 8 no. 6 1415-1415 N-D '67.
- Some theorems bearing on the dimensionality of first. I. I. Litanov. *Dokl. AN SSSR.* 177 no. 1 33-35 N-D '67.
- Successive approximations for finding saddle points. V. F. Dem'ianov. *Dokl. AN SSSR.* 177 no. 1:21-24 N-D '67.
- 519 9 INFORMATION THEORY AND CYBERNETICS. Convergence in searching the extremum of functions according to the principle of maximum information in the presence of random errors. R. G. Steigman. *Izv. vys. ucheb. zav. radiofiz.* 10 no. 7:925-932 '67.
- Cybernetics in biology and medicine. V. P. Vinogradov. *Kommunist.* 14 no. 1:69-79 Ja '68.
- [Journal of abstracts.] *Cybernetics* Ref. zhur. Kib. no. 10 O '67.
- Lavrov, S. S. [Universal programming language: ALGOL 60.] *Universal'nyi iazyk programirovaniia: ALGOL 60.* Izd. 2, perer. Moskva, Nauka, 1967. 186 p. (Fiziko-matematicheskaya biblioteka inzhenera)
- The past and the future of economic cybernetics. A. B. Vop. ekon. no. 12:148-150 D '67.
- Pushkin, V. N. [Eristics, the science of creative thinking.] *Eristika - nauka o tvorchestvo myshlenii.* N. A. skva, Politizdat, 1967. 268 p. (Nad chem rabotali, o chem sporiat filosofy)
- Some informational systems. N. A. Krutitskii. *Tsifr. vych. tekhn. i prog.* no. 2:111-127 '67.
- A steady-state process in a simple model of an extremum system in the presence of random errors. V. N. Smirnova, M. L. Tai. *Izv. vys. ucheb. zav. radiofiz.* 10 no. 7:933-939 '67.
- 52 ASTRONOMY. SURVEYING. GEODESY. Astronomical observations in November and December of 1967. A. D. Marienski, V. F. Zabolotnyi. *Zem i vsal.* no. 5 89-91 S-O '67.
- [Astronomy] Ref. zhur. Astron. nos. 11-12 N-D '67.
- Contradictory evaluations of the earliest photographs of celestial bodies. More accurate data on the first photographic observations of the moon and the sun in Russia. O. D. Dokucheva. *Ist.-astron. issl.* no. 9:22-209 '66.
- The early stages in the development of astronomy. B. V. Kukharkin. *Ist.-astron. issl.* no. 9 127-144 '66.
- From the history of practical astronomy, geodesy, and cartography in Russia. F. A. Shibanov. *Ist.-astron. issl.* no. 9 235-260 '66.

- From the history of Soviet astronomy; 1950-1967. P. G. Kulikovskii. *Zem. i vesel.* no. 5 53-59 S-O '67.
- Jubilee session of the Astronomical Council of the Academy of Sciences of the U.S.S.R. N. P. Erpylev. *Zem. i vesel.* no. 5 83-85 S-O '67.
- On the time of recognition of the Copernican system in Russia. I. U. G. Petukh. *Ist.-astron. issl.* no. 9 179-197 '66.
- Plenary session of the Commission on Physics of Planets of the Astronomical Council of the U.S.S.R. Academy of Sciences. M. M. Pospelov. *Izv. Kom. po fiz. plan.* no. 5 112-118 '65.
- References to astronomy in the first book of Laghu-kāśāstra-Tantra-Rāja (Sanskrit and Tibetan texts). V. Petri. *Ist.-astron. issl.* no. 9 171-177 '66.
- Roman constellations bearing the signs of the Zodiac. V. M. Brabich. *Ist.-astron. issl.* no. 9 297-306 '66.
- Scientific work in astronomy at the All-Union Astrogeodetic Society during fifty years of the Soviet regime. M. M. Digaev, V. V. Radzilevskii. *Astron. vest.* 1 no. 4 183-197 O-D '67.
- Studies in the history of astronomy in ancient Russia. Part 3. D. O. Sviatskii. *Ist.-astron. issl.* no. 5 11-124 '66.
- Study of the earth and the universe by the semicentennial of the October Revolution. *Zem. i vesel.* no. 5 2-5 S-O '67.
- Successes of Soviet amateur astronomy. V. A. Bronshten. *Zem. i vesel.* no. 5 86-89 S-O '67.
- 52(474.2)—Estonian S.S.R.
- Astronomy and the Estonian people. P. Puulter. *Ist.-astron. issl.* no. 9 145-169 '66.
- 521 THEORETICAL ASTRONOMY
- Contour of the earth shadow during the lunar eclipse of June 24 - 25, 1964. V. M. Mozhzherin, N. S. Chernykh. *Izv. Kom. po fiz. plan.* no. 5 97-104 '65.
- Duboshin, G. N. [Celestial mechanics; fundamental problems and methods] *Nebesnaia mekhanika, osnovnye zadachi i metody.* Moskva, Gos. izd.-vo fiziko-matem. lit-ry, 1963, 586 p.
- Modern problems of celestial mechanics. G. N. Duboshin. *Ist. inst. teor. astron.* 11 no. 1 1-13 '67.
- Optimum construction of an elliptical orbit for complicated boundary conditions. V. S. Novoselov. *Uch. zap. LGU.* no. 334 127-140 '67.
- 522 PRACTICAL ASTRONOMY
- A T-shaped 10-25 mc radio telescope with electric beam control. I. U. M. Bruk and others. *Izv. vys. ucheb. zav. radiofiz.* 10 no. 5 608-619 '67.
- The bending of the meridian circle during differential observations of declinations. L. M. Hommik, A. P. Guliaev. *Soob. GAISH.* no. 151 3-16 '67.
- Construction project of a transit instrument free of pivot errors. A. A. Nemiro. *Uch. zap. LGU.* no. 334 141-143 '67.
- Determining the value of a full turn of the screw of an ocular micrometer in zenith telescopes at stations of the Northern International Parallel. I. U. I. Prodan, A. A. Gurshtein. *Trudy Tashk. astron. obs.* Ser. 2 12 143-148 '66.
- Effect of the parallax on telescopic level readings for transit instruments. V. E. Brandt. *Soob. GAISH.* no. 150 20-25 '67.
- Electrophotometric observations of the spectra of lunar details. A. N. Sergeeva. *Izv. Kom. po fiz. plan.* no. 5 5-13 '65.
- Experimental measurement of the effect of instability of the sighting line following the installation of a zenith telescope (bending variations). A. A. Gurshtein. *Trudy Tashk. astron. obs.* Ser. 2 12 112-119 '66.
- The 400-mm Maksutov telescope of the P. K. Shternberg State Astronomical Institute. G. A. Ponomarev. *Soob. GAISH.* no. 149 3-12 '67.
- Graphic method for fast determination of the mutual position of celestial mirrors. A. B. Delone, E. V. Kononovich. *Soob. GAISH.* no. 147 21-25 '67.
- Increasing the sensitivity of photographic materials for long exposure. Part 1. V. G. Khristich. *Uch. zap. LGU.* no. 334 60-72 '67.
- Method of direct absolute measurements of the total solar radio-frequency radiation flux. V. G. Nagibeda. *Uch. zap. LGU.* no. 334 105-112 '67.
- Most powerful Soviet telescope under construction. I. I. Pronik and others. *Priroda.* no. 11 80-88 N '67.
- Nature of the division errors in Repsold circles. A. G. Obornova. *Soob. GAISH.* no. 151 17-29 '67.
- New data on the system of nomenclature of Short telescopes. V. L. Chumak. *Ist.-astron. issl.* no. 9 287-290 '66.
- Photographic zenith tube of the Moscow Observatory. D. N. Ponomarev. *Astron. vest.* 1 no. 4 241-247 O-D '67.
- Position of dwarf galaxies in the color-luminosity diagram. E. V. Zviagina. *Soob. GAISH.* no. 148 3-9 '67.
- Radiative properties of the lunar surface in the infrared region of the spectrum. M. N. Markov, V. L. Khokhlova. *Izv. Kom. po fiz. plan.* no. 5 16-43 '65.
- The reflector No. 1341 made by James Short. V. P. Shcheglov. *Ist.-astron. issl.* no. 9 291-295 '66.
- The scale pairs program for zenith telescopes at stations of the Northern International Parallel. L. P. Basurnanova-Gribo. *Trudy Tashk. astron. obs.* Ser. 2 12 149-159 '66.
- Simultaneous observations with the meridian circle and the wide-angle zenith telescope in determining stellar declinations. V. V. Podobed. *Trudy Tashk. astron. obs.* Ser. 2 12 171-177 '66.
- Spectra of segments of periodic and almost periodic processes. A. K. Chandaev, V. I. Iashkov. *Trudy Tashk. astron. obs.* Ser. 2 12 192-212 '66.
- Stellar magnitudes of 196 galactic nuclei. V. I. Corbachev. *Soob. GAISH.* no. 148 9-17 '67.
- Study of the temperature conditions of the Moscow photographic zenith tube. A. A. Volchikov, D. N. Ponomarev. *Trudy Tashk. astron. obs.* Ser. 2 12 105-111 '66.
- The structure of reflecting nebulae. B. P. Artyamonov. *Soob. GAISH.* no. 148 18-28 '67.
- Use of radio astronomy methods in studying the tropospheric absorption of radio waves. A. G. Kisliakov, K. S. Stankevich. *Izv. vys. ucheb. zav. radiofiz.* 10 no. 4/10 1244-1265 '67.
- Use of the "scale star" method in determining the value of a full turn of the micrometer screw. V. S. Shukhorov. *Trudy Tashk. astron. obs.* Ser. 2 12 127-142 '66.
- Value of a full turn of the screw of an ocular micrometer in zenith telescopes at stations of the Northern International Latitude Service for the period 1935-1940. N. I. Panchenko, R. I. Popova. *Trudy Tashk. astron. obs.* Ser. 2 12 120-126 '66.
- Visual field and effective area of a tube collimator. V. V. Katiushina, V. G. Kurt. *Soob. GAISH.* no. 147 34-38 '67.
- The zenith star program for the wide-angle zenith telescope at Pulkovo. I. I. Korbut. *Trudy Tashk. astron. obs.* Ser. 2 12 160-170 '66.
- 523 DESCRIPTIVE ASTRONOMY
- Instrumental method of the activation determination of the content of macrocomponents by short-lived isotopes. M. Chaika, I. Sabo. *Geokhimiia.* no. 9 1106-1116 S '67.
- Shower of Leonid meteors. M. M. Digaev. *Phiada.* no. 11 127-128 N '67.
- Soveshchanie po problemam planetologii, 5th, 1965. [Abstracts of papers of the 5th Conference on Problems of Planetology, 1965] *Tezisy dokladov.* Leningrad, 1965, 209 p.
- 523 03 ASTROPHYSICS
- Comparison of the Pulkovo and Greenwich catalogs of sunspots. R. S. Gnevysheva. *Astron. zhur.* 44 no. 6 1220-1223 '67.
- Oscillatory convection of a conducting gas in a strong magnetic field. S. I. Syrovatskii, J. Dzhanghida. *Astron. zhur.* 44 no. 6 1180-1190 '67.
- Screening effects and cosmic ray intensity beyond the limits of the atmosphere. N. G. Skriabin, V. D. Sokolov, I. U. G. Shafer. *Geomag. i aer.* 6 no. 5 924 S-O '66.
- Some general problems of the theory of recombination spectra of complex atoms. Part 1. A. A. Nikitin. *Uch. zap. LGU.* no. 334 3-13 '67.
- Space and humanity. V. V. Parin. *Priroda.* no. 11 29-32 N '67.
- Time variation of the magnetic field intensity of sunspots. R. N. Ikhmanov. *Astron. zhur.* 44 no. 6 1211-1219 '67.
- 523.03(575.4)—Turkmen S.S.R.
- Advances in astrophysics and physics of the upper atmosphere in Turkmenistan. O. Ovezg'lyev, A. Khanbaidyev. *Izv. AN Turk. SSR. Ser. fiz.-tekhn. i khim. i geol. nauk.* no. 5 46-53 '67.
- 523.1 UNIVERSE AND ITS STRUCTURE COSMOLOGY. SPACE
- Cosmological constant and elementary particles. I. A. Zol'dovich. *Pis'ma v red. Zhurn. eksp. i teor. fiz.* 6 no. 9 883-884 N '67.
- Determining the linear electron density in meteor trails. A. R. Kolomoets. *Geomag. i aer.* 6 no. 5 943-944 S-O '66.
- Diffraction generation of particles by protons on the nuclei of a photoemulsion in a pulsed magnetic field. G. B. Zhdanov, M. I. Tret'akov, M. M. Cherninavskii. *Pis'ma v red. Zhurn. eksp. i teor. fiz.* 6 no. 3 558-562 Ag '67.
- Dubrovitskii, I. V., and V. V. Orlov. [About "golden hands", arithmetic, and dreams] *O zolotykh rukakh, arifmetika i mechtakh.* [Moskva, Moloklata gvardia, 1967] 156 p.
- Experiments completed by the "Venera-2" and "Venera-3" stations on their way to Venus. V. I. Slynsh. *Zem. i vesel.* no. 5 12-13 S-O '67.
- First experimental spectra of soft electron energies in the earth's tail. M. G. Usp. *fiz. nauk.* 93 no. 4 754-756 D '67.
- Magnetogravitational analogy and possible effect of the general theory of relativity for cosmogony. V. TS. Gurvich. *Pis'ma v red. Zhurn. eksp. i teor. fiz.* 6 no. 6 712-715 S '67.
- Numerical method for determining the spatial density distribution in spherical symmetric systems with large angular diameters. V. N. Nalimov. *Soob. GAISH.* no. 149 28-34 '67.
- On the probabilities of close encounters of galaxies. V. M. Tomozov. *Astron. zhur.* 44 no. 6 1280-1283 '67.
- Physical limitations of the topology of the universe. I. A. B. Zol'dovich, I. D. Novikov. *Pis'ma v red. Zhurn. eksp. i teor. fiz.* 6 no. 7 772-774 O '67.
- Proper motion of the planetary nebula NGC 6210. D. K. Kaulimova. *Soob. GAISH.* no. 149 45-47 '67.
- Spatial and photometric distances in homogeneous isotropic models of the universe. A. V. Zaslav. *Soob. GAISH.* no. 147 26-33 '67.
- Structure and masses of supernova envelopes, quasars, and Seyfert galaxies. I. M. Gordon. *Astron. zhur.* 44 no. 6 1116-1156 '67.
- Structure of X-ray radiation bursts in the auroral zone. M. G. Usp. *fiz. nauk.* 93 no. 4 753-751 D '67.
- Ten years of Soviet space research. *Zem. i vesel.* no. 5 6-12 S-O '67.
- Ursul, A. D. [The conquest of outer space; philosophical methodological, and sociological problems] *Osvoyenie kosmosa; filosofsko-metodologicheskie i sotsiologicheskie problemy.* Moskva, Mysl', 1967, 237 p.
- 523 10 VARIOUS COSMIC PHENOMENA DUST, RAYS, ETC
- Analysis of some characteristics of high-energy interactions. M. I. Alibekov and others. *Izv. AN Kazakh. SSR. Ser. fiz.-mat. nauk.* no. 2 85-89 M-Ap '67.
- Annual variations of cosmic ray intensity. N. P. Chirkov. *Geomag. i aer.* 6 no. 5 920-921 S-O '66.
- Annual variations of the neutron component of cosmic rays and the temperature effect. N. S. Kammer, T. S. Khadakhmova. *Geomag. i aer.* 6 no. 5 921-922 S-O '66.
- Change in the radio emission spectrum of active regions when covered by the solar limb. A. R. Abbasov and others. *Astron. zhur.* 44 no. 6 1326-1328 '67.
- Cosmic ray variations in the period of bay-like magnetic disturbances. A. A. Danilov. *Geomag. i aer.* 6 no. 5 837-841 S-O '66.
- Effect of the motion of a cosmic medium on the polarization of cosmic radio-frequency radiation. G. G. Getmantsev, A. M. Paseka, I. V. Tokaev. *Izv. vys. ucheb. zav. radiofiz.* 10 no. 5 599-602 '67.
- Effect of the receiver on the frequency correlation of the radio-frequency radiation received. V. A. Alimov, I. M. Drukhimov. *Izv. vys. ucheb. zav. radiofiz.* 10 no. 5 620-628 '67.
- Experimental data on the division boundary between the solar sectors of interplanetary plasma. M. G. Usp. *fiz. nauk.* 93 no. 1 749-752 D '67.
- Fragmentation of matter in the turbulent magnetized medium. Part 1. L. M. Ozernoi, A. D. Chernin. *Astron. zhur.* 44 no. 6 1131-1138 '67.
- Frequency dependence of the additional absorption of cosmic radio-frequency radiation during sudden ionospheric disturbances. V. V. Belikov, E. A. Benediktov. *Geomag. i aer.* 6 no. 5 840-842 S-O '66.
- Influence of a geomagnetic field on the signal of the inversely oblique probing. I. U. A. Chernov. *Geomag. i aer.* 6 no. 5 881-886 S-O '66.
- "Laser" nature of solar radio bursts of the I type. E. I. Mogilevskii. *Geomag. i aer.* 6 no. 5 809-814 S-O '66.
- Lithium content in stars of the T Taur type and in cosmic rays. G. A. Gur'adani. *Dokl. AN SSSR.* 176 no. 2 261-264 S '67.
- Measurement of the solar radio-frequency radiation in the millimeter and submillimeter wave bands. L. I. Fedoseev, I. V. I. Iubak, I. M. Kukin. *Astron. zhur.* 44 no. 6 1161-1163 '67.
- Measuring the temperature of background radiation at the wavelength of 0.2 mm. V. I. Pavlov, A. E. Solomonovich, K. S. Stankevich. *Astron. zhur.* 44 no. 6 1129-1130 '67.
- Method of introducing barometric corrections into data on cosmic ray intensity. L. I. Dorman, V. A. Kovalenko. *Geomag. i aer.* 6 no. 5 922-923 S-O '66.
- Observation and interpretation of the ultraviolet emission from the Milky Way. V. G. Kurt, R. A. Shumakov. *Astron. zhur.* 44 no. 6 1157-1161 '67.
- Polarization characteristics of the radio-frequency radiation from a rugged lunar surface allowing for the averaging effect of the directional diagram of the antenna. V. A. Alekseev, T. N. Alonkina, V. I. Krotkov. *Izv. vys. ucheb. zav. radiofiz.* 10 no. 5 603-607 '67.
- Preliminary results of observations of discrete radio emission sources at a wavelength of 2.1 mm. A. G. Kisliakov, A. I. Naumov. *Astron. zhur.* 44 no. 6 1324-1326 '67.
- Radial extent of the corpuscular stream from the chromospheric flare and the duration of earth's passage through the corpuscular stream. E. R. Mustel', P. A. Mairadze. *Geomag. i aer.* 6 no. 5 815-821 S-O '67.
- Radio emission from beams of fast particles in cosmic space. S. A. Kaplan, V. N. Tsytoch, *Astron. zhur.* 44 no. 6 1194-1205 '67.
- Radio wave scattering on the track of a body moving in a plasma. A. V. Gurevich, L. P. Pitaevskii. *Geomag. i aer.* 6 no. 5 842-851 S-O '66.
- Screening effects and cosmic ray intensity beyond the limits of the atmosphere. N. G. Skriabin, V. D. Sokolov, I. U. G. Shafer. *Geomag. i aer.* 6 no. 5 924 S-O '66.
- Some regular aspects of the problem "Solar activity - earth's atmosphere." E. R. Mustel', *Astron. zhur.* 44 no. 6 1182-1175 '67.
- This all-Union school on cosmophysics. L. I. Dorman, O. I. Inozemtseva. *Geomag. i aer.* 6 no. 5 959 S-O '66.
- The transmitted 4-v pulse in interactions at 400 Gev. I. U. A. Eremin and others. *Izv. AN Kazakh. SSR. Ser. fiz.-mat. nauk.* no. 2 82-84 M-Ap '67.

Some internal details of the lunar ring formations. P. F. Sabinov. *Izv. Kom. po fiz. plan.* no 5 84-86 '65.

Spectral polarization of lunar features. I. N. Lipskii, I. N. Bondarenko. *Soob. GAIISH* no 147 39-65.

A study of the model based on lunar radiation. V. S. Trutskii. *Izv. v. s. uch. zav. radiofiz.* 10 no. 9-10 126/1282 '67.

523.7 THE SUN

Actual number of each Fraunhofer lines in the near ultra violet spectrum. N. A. Lipaeva, E. A. Makarova, S. G. GAIISH no 147 14-20 '67.

Coefficients of radio communication in high latitudes in the years of decreased solar activity. M. V. Kiseleva. *Geomag. i aer.* 6 no 5 869-874 S-O '66.

"Laser" nature of solar radio bursts of the 1 type. E. I. Moigilevskii. *Geomag. i aer.* 6 no 5 809-814 S-O '66.

Optical studies of the sun in the U.S.S.R. A. B. Severnyi. *Zem. i aer.* 6 no 5 66-74 S-O '67.

Radial extent of the corpuscular stream from the chromospheric flare and the duration of earth's passage through the corpuscular stream. E. R. Mustel', P. A. Mamsuradze. *Geomag. i aer.* 6 no 5 815-821 S-O '66.

Spectrophotometric gradients and the temperature of faculae and the photosphere within the range 12300-21000 Å. V. D. Kuz'minskykh. *Soob. GAIISH* no 147 7-13 '67.

Variation in facula contrast as dependent on the wavelength within the range 6700-21000 Å. V. D. Kuz'minskykh, G. F. Stank. *Soob. GAIISH* no 147 3-6 '67.

Western drift of a nonpolar geomagnetic field and the solar activity. I. G. Zolotov. *Geomag. i aer.* 6 no 5 951-953 S-O '66.

523.8 STARS

Astronomy of stars; the development and successes during the past half century after the Great October Revolution. F. K. Kharradze. *Zem. i aer.* no 5 31-42 S-O '67.

Internal discontinuities of peculiar and magnetic stars of class A. V. M. Liabin. *Astron. zhur.* 44 no. 6 1224-1227 '67.

Collective processes in finite gravitating systems. M. V. Mal'sumov. *Astron. zhur.* 44 no. 6 1274-1279 '67.

Correction of the orbital elements of the visual binary star ADS 7307. G. A. Starikova. *Soob. GAIISH* no 148: 51-54 '67.

Detecting extended celestial objects or small surface brightness by means of photography. V. A. Dombrovskii. *Uch. zap. LGU* no 334 21-37 '67.

Determining the spectrophotometric gradients of N IFR 1960 as observed with the 25-cm. Maksutov camera. O. D. Dokuchaeva, A. A. Krasnogoiskala. *Soob. GAIISH* no 149 21-24 '67.

Distribution of galaxies, containing supernovae, by classes and absolute magnitude. I. P. Pskovskii. *Astron. zhur.* 44 no. 6 1139-1145 '67.

Interpretation of eclipsing systems as the inverse photometric problem. A. M. Cherepashchuk, A. V. Gonchar'skii, A. G. Agolova. *Astron. zhur.* 44 no 6 1230-1253 '67.

Lithium content in stars of the T Tau type and in cosmic rays. G. A. Gursadjan. *Dokl. AN SSSR* 176 no. 2 291-294 '67.

Luminosity function of field galaxies allowing for observational selection. E. M. Nezhinskii, L. P. Osipkov. *Uch. zap. LGU* no 334 117-126 '67.

Masses of stars in the globular cluster M3. I. V. Petrovskaya. *Uch. zap. LGU* no 334 117-126 '67.

Optical thickness of dust nebulae. A. K. Kolesov. *Uch. zap. LGU* no 334 14-20 '67.

Photoclectric stellar magnitudes of some stars in AQU T. A. Uranova. *Soob. GAIISH* no 149 13-20 '67.

Photometric elements, absolute dimensions, and masses of the eclipsing system RR Lyn. R. A. Botsula. *Astron. zhur.* 44 no. 6 1253-1260 '67.

Polarimetric observations of close binary stars. O. S. Shulov. *Uch. zap. LGU* no 334 36-53 '67.

Polarimetric observations of the galaxy NGC 3077. V. A. Gagen-Torn. *Uch. zap. LGU* no 334 54-59 '67.

Trajectories of the rectilinear relative motion of the components of visual binary stars. Part 2. G. A. Starikova. *Soob. GAIISH* no 149: 29-50 '67.

Use of the statistical testing method in studying the dynamics of triple systems. T. A. Agekian, Zh. P. Anosova. *Astron. zhur.* 44 no. 6 1261-1273 '67.

Use of the stellar variability theory in estimating the mixing pathway. V. I. Alekhin. *Astron. zhur.* 44 no. 6 1228-1238 '67.

525 THE EARTH (CONSIDERED ASTRONOMICALLY)

Extensive geological, geophysical, and geochemical studies of the earth's crust and upper mantle. V. V. Belousov, G. I. Reiser. *Izv. AN SSSR Fiz. zem.* no. 11 19-27 '67.

Lunar tides in the ionosphere near the magnetic equator. V. A. Zagulayeva, M. N. Fatkullov. *Geomag. i aer.* 6 no. 5 931-935 S-O '66.

Methods for studying the earth's figure and its external gravitational field. M. S. Molodenskii. *Izv. AN SSSR, Fiz. zem.* no. 11: 122-125 N '67.

525.7 TERRESTRIAL ATMOSPHERE

Altitude distribution of cloud condensation nuclei in the free atmosphere. A. G. Iakimov. *Izv. v. s. uch. zav. radiofiz.* 10 no. 2: 315-318 '67.

Determining the gas temperature and density in the F-layer of the ionosphere. V. M. Pol'shin. *Izv. v. s. uch. zav. radiofiz.* 10 no. 2: 33-62 '67.

Electron concentration in the outer ionosphere determined by observations of coherent signals from earth satellites "Kosmos" and "Molniya". M. A. Solodovnikov, V. M. Mikhlin. *Izv. v. s. uch. zav. radiofiz.* 10 no. 5: 852-857 S-O '66.

Experimental study of the spectrum of light reflected from the ionosphere. V. D. Pavlov. *mag. i aer.* 6 no 5 931-934 S-O '66.

Fast method for determining the temperature of the earth's atmosphere. G. A. Blazhko. *Astron. zhur.* 41 no. 6 1131-1132 '66.

Frequency dependence of the additional absorption of cosmic radio-frequency radiation during the passage of the ionosphere. V. V. Belikovskii, I. A. Pavlov. *Geomag. i aer.* 6 no. 5 919-921 '66.

Kinetics of the ionization-recombination process in the F2 layer of the ionosphere. V. M. Pol'shin, I. A. Shchukina. *Geomag. i aer.* 6 no. 5 929 '66.

Lunar tides in the ionosphere near the magnetic equator. V. A. Zagulayeva, M. N. Fatkullov. *Geomag. i aer.* 6 no. 5 934-935 S-O '66.

Nutational migration of the local minimum of the ionospheric pressure. I. V. Makhotov and others. *Izv. v. s. uch. zav. radiofiz.* 10 no. 1: 80-91 N-D '67.

Origin of irregularities in the F2 layer of the ionosphere. V. S. Kovalenko, B. V. Trutskii. *Geomag. i aer.* 6 no. 5 926-928 S-O '66.

Propagation of laser radiation in the ionosphere. I. V. Zuev. *Izv. v. s. uch. zav. radiofiz.* 10 no. 10: 14-15 '67.

Radio wave scattering on the track of a plasma jet. A. V. Ginevich, I. P. Pichugin. *Izv. v. s. uch. zav. radiofiz.* 10 no. 5: 812-851 S-O '66.

Recombination processes in the lower ionosphere. I. A. Pudovkin. *Geomag. i aer.* 6 no. 5 925 '66.

Relation of f_oF_2 to the magnetic activity. G. A. Starikova, M. B. Ostapina. *Geomag. i aer.* 6 no. 5 918 '66.

Standard processing of data from a sounding of the ionosphere on an electron probe. A. I. Galkin. *Geomag. i aer.* 6 no. 5 914 '66.

Stationary states of earth's outer radiation belts. A. A. Trakhtengerts. *Geomag. i aer.* 6 no. 5 927 '66.

"Turbidity" of the ionosphere. I. S. Vecherovskii, I. V. Kuz'minovskii, L. I. Santinova. *Izv. v. s. uch. zav. radiofiz.* 10 no. 5: 820-831 S-O '66.

Unsteady state of the ionosphere. V. A. Mikhlin, I. V. Mignunov, G. K. Solodovnikov. *Geomag. i aer.* 6 no. 5: 931-933 S-O '66.

Variations in the altitudes of the main ionospheric layers following solar flares. R. F. Umanov. *Astron. zhur.* 41 no 6 1176-1179 '67.

525.7 (576.4)—TURKIC STUDIES

Advance in astrophysics and physics of the upper atmosphere in Turkmenistan. O. Ovezguliyev, A. A. Yev. *Izv. AN Turk. SSR, Ser. Fiz.-tekhn. i inzh. nauk* no. 5: 46-53 '67.

527 NAVIGATION

Algorithm of the consecutive processing of astronomical observations. E. V. Iakhevich. *Trudy TSNIMF* 13 no. 83 50-53 '67.

Analysis of the accuracy of reckoning. A. A. Trudy TSNIMF 13 no. 83 26-32 '67.

Bearing determination by radar on rough terrain. Ugrumov. *Trudy TSNIMF* 13 no. 81: 41-51 '67.

Controllability of a vessel on rough terrain. V. A. Trudy TSNIMF 13 no. 81: 23-25 '67.

Determining the coordination of position and velocity of a vessel by the continuous observation of celestial body. S. P. Dmitriev. *Trudy TSNIMF* 13 no. 82: 39-40 '67.

Doppler effect. S. Terskil. *Grazhd. av.* 33 no. 17: 17-18 '66.

Intelligent nutrition. J. Plachugin. *Grazhd. av.* 31 no. 10: 30-31 '66.

Mathematical basis for the calculation and analysis of the speed loss of vessels on rough terrain. I. A. Trudy TSNIMF 13 no. 83 76-87 '67.

Method of adjusting time intervals between observations in solving problems on passing. S. I. Litskii. *Trudy TSNIMF* 13 no. 81: 21-22 N '67.

Screening of a magnetic compass. V. V. Veikhn. *Trudy TSNIMF* 13 no. 83 68-72 '67.

Selecting the orbit of cosmic lighthouses for navigation satellites in a continuous action system. I. A. Trudy TSNIMF 13 no. 83: 64-75 '67.

Studying the automatic control of a ship's course into account the nonlinear characteristics of the system. I. I. Krinetskii, E. D. Pichugin. *Trudy TSNIMF* 13 no. 83 13-21 '67.

Synthesis of the optimal system for the automatic navigation of the course of seagoing vessels. A. A. Trudy TSNIMF 13 no. 83 3-12 '67.

- 528 **GEODESY SURVEYING TRIANGULATION**
Achievements of Soviet geodesy. N. I. Modinskii, Izv. vys. ucheb. zav., geod. i aerof., no. 5 11-17 '67.
Adjustment of the functions of measuring results. E. G. Bol'ko, Izv. vys. ucheb. zav., geod. i aerof., no. 5 119-124 '67.
Advances in engineering geodesy. G. P. Levechuk, Izv. vys. ucheb. zav., geod. i aerof., no. 5 31-33 '67.
Agricultural large-scale cartography. I. A. I. Urovskaia, Izv. vys. ucheb. zav., geod. i aerof., no. 5 77-79 '67.
Analysis of the values for the Khaba latitude for the period 1956-1963 obtained by various observers with the 27 L-180 zenith telescope. G. V. Ginevich, Trudy Tashk. astron. obs. Ser. 2 12 37-48 '66.
Analytical photogrammetry and prospects of its development. A. N. Lobanov, Izv. vys. ucheb. zav., geod. i aerof., no. 5 39-47 '67.
The astronomical geodesic net of the U.S.S.R. S. G. Sudakov, Geod. i kart., no. 10 18-31 '67.
Comparing the results of latitude observations by observers participating in the Soviet and International Services of Polar Motion. N. R. Pershianina, Trudy Tashk. astron. obs. Ser. 2 12 51-60 '66.
Comparison of declinations, determined by latitude observations, with the catalog values. G. S. Sheptunov, Trudy Tashk. astron. obs. Ser. 2 12 76-84 '66.
Construction of stereophotogrammetry nets. Trudy TSNIIGAIK no. 172-25-153 '67.
Determining the value of a full turn of the screw of an ocular micrometer in zenith telescopes at stations of the Northern International Parallel. I. U. I. Podan, A. A. Gurshtein, Trudy Tashk. astron. obs. Ser. 2 12 143-148 '66.
Differential rectifying apparatus for aerial photographs. F. V. Drobysh, Izv. vys. ucheb. zav., geod. i aerof., no. 5 132-141 '67.
The diurnal meridian as observed at Gorky. L. D. Foshchuk, S. G. Kulagin, Trudy Tashk. astron. obs. Ser. 2 12 72-75 '66.
Estimation of atmospheric effects as one of the causes of diurnal latitude variations. A. A. Gurshtein, Trudy Tashk. astron. obs. Ser. 2 12 178-191 '66.
From the history of practical astronomy, geodesy, and cartography in Russia. F. A. Shibanov, Ist.-astron. issl. no. 9 235-260 '66.
The fundamental levelling net of the U.S.S.R. I. I. Pntin, Geod. i kart., no. 10 12-37 '67.
[Geodesy] Ref. zhur.: Geod. no. 11 N '67.
Higher geodetic education in the U.S.S.R. for 50 years of Soviet rule. V. D. Bol'shaev, N. I. Modinskii, Geod. i kart., no. 10 69-75 '67.
Increasing the accuracy of latitude determination. I. D. Kostina, Trudy Tashk. astron. obs. Ser. 2 12 85-104 '66.
Investigating stresses of ore blocks by the relaxation method. I. Khadzhikhimov, G. L. Lapin, Gorky zhur., 142 no. 5 51-55 My '67.
Main achievements in postwar Soviet economic cartography. A. I. Preobrazhenskii, Izv. vys. ucheb. zav., geod. i aerof., no. 5 65-70 '67.
Main problems affecting the improvement of topographic maps. N. S. Podolskii, Izv. vys. ucheb. zav., geod. i aerof., no. 5 71-76 '67.
Main stages of development of ground stereophotogrammetry. A. S. Valuev, Izv. vys. ucheb. zav., geod. i aerof., no. 5 49-52 '67.
Manufacture of surveying instruments in the U.S.S.R. A. V. Rytov, Geod. i kart., no. 10 60-68 '67.
Mapping forests from the air. A. Karmazin, Grahd. rev. 23 no. 10 20 '66.
A method for analyzing the errors of latitude observations. I. I. Gligoleva, I. A. S. Iat'skii, Trudy Tashk. astron. obs. Ser. 2 12 8-16 '66.
A modernized comparator for standardizing reels and tapes. F. F. Pavlov, Izv. vys. ucheb. zav., geod. i aerof., no. 5 147-149 '67.
New lines in developing surveying instruments. S. V. Elisav, Izv. vys. ucheb. zav., geod. i aerof., no. 5 18-29 '67.
On the accuracy of determining longitudes of Laplace points. I. I. Krasnorylov, Izv. vys. ucheb. zav., geod. i aerof., no. 5 125-138 '67.
Once more on the problem of geodetic connection of continents. S. V. Gromov, Uch. zap. LGU no. 334 144-160 '67.
Preliminary study of variations in the Khaba latitude during 1941-1960. D. I. Kiselev, Trudy Tashk. astron. obs. Ser. 2 12 61-71 '66.
Resolution adopted by the All-Union Conference on the Methodology of Processing and Analyzing Latitude Observations. Trudy Tashk. astron. obs. Ser. 2 12 213-214 '66.
Results of simultaneous observations of the Khaba latitude with two zenith telescopes. A. M. Kalmikov, Trudy Tashk. astron. obs. Ser. 2 12 19-53 '66.
Results of the experimental use of AQ-1 equipment in coal mines of the Luganskul' Combine. V. K. Shabak, A. F. Chirva, Ugol' 42 no. 9 57-59 S '67.
Rigorous and approximate methods of adjustment and their merits. V. G. Komarov, Izv. vys. ucheb. zav., geod. i aerof., no. 5 93-100 '67.
The scale pairs program for zenith telescopes at stations of the Northern International Parallel. L. P. Basurmanova-Gil'ko, Trudy Tashk. astron. obs. Ser. 2 12 149-159 '66.
Scientific research studies in aerial photography for 50 years. M. D. Konshin, G. V. Romanovskii, Geod. i kart., no. 10 37-47 '67.
Simultaneous observations with the meridian circle and the wide-angle zenith telescope in determining stellar declinations. V. V. Podobed, Trudy Tashk. astron. obs. Ser. 2 12 171-177 '66.
Some points in spherical geodesy associated with the solution of the main geodetic problems. V. N. Gan'shim, Izv. vys. ucheb. zav., geod. i aerof., no. 5 113-117 '67.
Some problems affecting the adjustment of geodetic triangulation nets and the assessment of their accuracy. P. A. Gaidarov, Izv. vys. ucheb. zav., geod. i aerof., no. 5 81-92 '67.
Some problems bearing on the theory of constructing extensive strip nets. Trudy TSNIIGAIK no. 172-5-25 '67.
Soviet cartography and the lines of its development. V. I. Sukhov, Izv. vys. ucheb. zav., geod. i aerof., no. 5 52-63 '67.
Soviet cartography for 50 years. M. I. Nikishov, N. M. Teichkov, Geod. i kart., no. 10 48-60 '67.
Soviet topographic maps. A. M. Komkov, Geod. i kart., no. 10 13-18 '67.
Spectral analysis of the common z-member of stations of the International Latitude Service. I. A. S. Iat'skii, Trudy Tashk. astron. obs. Ser. 2 12 17-31 '66.
Studying the spectrum of the motion of the earth's pole using the coordinates of the International Latitude Service. V. I. A. Iat'skii, Trudy Tashk. astron. obs. Ser. 2 12 32-36 '66.
Surveying in railroad engineering. A. F. Liutts, Izv. vys. ucheb. zav., geod. i aerof., no. 5 35-37 '67.
Use of the "scale star" method in determining the value of a full turn of the micrometer screw. V. S. Shukhorov, Trudy Tashk. astron. obs. Ser. 2 12 127-142 '66.
Value of a full turn of the screw of an ocular micrometer in zenith telescopes at stations of the International Latitude Service for the period 1935-1940. N. I. Panchenko, R. I. Popova, Trudy Tashk. astron. obs. Ser. 2 12 120-126 '66.
Voevod, V. M., V. A. Glindzich, and L. M. Tsikkel'. [Handbook on photogrammetry in geological decoding]. Posobie po fotogrammetricheskii rabotam pri geologicheskoi dezhnii irovanii Moskva, Nedra, 1967. 102 p.
The zenith star program for the wide-angle zenith telescope at Pulkovo. I. F. Korbut, Trudy Tashk. astron. obs. Ser. 2 12 160-170 '66.
- 529 **CHRONOLOGY TIME. THE CALENDAR**
The ancient Russian calendar. Rus. rech. no. 6 56-58 S-O '67.
Performance of Rode - Schwarz quartz clocks. N. S. Bilnov, Soob. GAISH no. 150-24-31 '67.
Problems affecting time measurements. V. I. Brandt, Soob. GAISH no. 150-3-19 '67.
The 385th anniversary of the Gregorian calendar. D. I. Myshko, Ukr. ist. zhur., 11 no. 11 116-118 N '67.
- 53 **PHYSICS AND MECHANICS**
Adhesion of copolymer F-30 to steel and copper. A. T. Sanzharovskii and others, Vysokom soed. Ser. A 9 no. 6 1635-1639 Ag '67.
Advances in scientific studies on solid state physics in schools of higher learning of the U.S.S.R. during Soviet rule. E. I. Kondorski, V. A. Koptel', Izv. vys. ucheb. zav., fiz. 10 no. 10 5-29 '67.
[Development of physics in the U.S.S.R. in two books] Razvitiye fiziki v SSSR v dvukh knigakh. Moskva, Nauka. (Sovetskaya nauka i tekhnika za 50 let) Book 1. 1967. 448 p.
An electric computer for experiments in physics. B. I. Myrohorodskiy, I. U. T. Stetsenko, Rad. shk., 15 no. 12 87-98 D '66.
From the experience of a physics teacher. K. Panich, Nar. obr., no. 6 49-50 Ag '67.
Fundamentals in molecular-kinetic theory. G. K. Solovko, Vech. sred. shkola, 10 no. 8 22-25 N-D '67.
Introduction to the concepts of Ampere's strength of electric current and Lorentz force. G. I. Kertsman, Vech. sred. shkola, 10 no. 8 30-34 N-D '67.
Metallurgists are studying phase transformation in schools for foremen. E. I. Lashinov, Vech. sred. shkola, 10 no. 6 25-30 N-D '67.
The nature of elastic and frictional forces. N. E. Shirolov, Vech. sred. shkola, 10 no. 6 39-40 N-D '67.
On the road to great science. O. F. Teslia, I. M. Iakovlev, Rad. shk., 45 no. 12 55-61 D '66.
Optional courses on various topics in physics. M. I. Rozenberg, Rad. shk., 46 no. 8 26-29 Ag '67.
[Physics] Ref. zhur.: Fiz. no. 12 D '67. Predmet'nyi ukazatel' za 1966 g. [Subject index for 1966]
Solid state physics in the U.S.S.R.: on the 50th anniversary of the Great October Socialist Revolution. Fiz. i ter. tela 9 no. 11 3041-3050 N '67.
Verification and assessment of the knowledge in physics. L. A. Osadchuk, Vech. sred. shkola, 10 no. 6 41-42 N-D '67.
Visiting Dabna physicists. Albert Pin. Nov. vrem. 25 no. 1 27-29 Ja '68.
- 53(44)—France
Kuznetsov, B. G., and I. B. Pogrebyskii, [French science and modern physics] Frantsuzskaya nauka i sovremennaya fizika Moskva, Nauka, 1967 79 p.
- 53(575.4)—Turkmen S. S. R.
The physical and technological sciences on the eve of the anniversary. R. G. Annaev, A. A. Berdyev, I. A. Agaev, Izv. AN Turk. SSR, Ser. fiz.-tekhn., khim. i geol. nauk no. 5 17-22 '67.
- 53 07 **EQUIPMENT, APPARATUS, MODELS, ETC.**
Andriunas, J., and others. [Methods in teaching physics] Fizikos destymo metodika Vilnius, Mintis, 1966 508 p. [In Lithuanian]
Demonstration of amplitude-modulated oscillations. V. A. Trofimov, Izv. vys. ucheb. zav., fiz. 10 no. 9 138-140 '67.
A device for demonstration of zero gravity. A. N. Mironov, D. I. Gavrilov, Stud. spec. obr., 13 no. 11 53-51 N '66.
Linear transmission device with large dynamic range. I. U. V. Mineev, I. D. Rapoport, Geomag. i aer., 6 no. 5 957-958 S-O '66.
Twenty-fifth anniversary of the Engineering and Physics Institute. V. G. Kirillov-Ugrumov, I. U. A. Bykovskii, Atom. energ. 23 no. 5 451-456 N '67.
- 53 08 **MEASUREMENT PRINCIPLES, METHODS**
All-Union Metrological Research Institute on the eve of its 75th anniversary. V. O. Anutimov, G. A. Beliaikina, Izv. tekhn. no. 10 3-7 '67.
Assistance and attention to the metrological services in enterprises. L. S. Zubenko, Izv. tekhn. no. 10 74-75 O '67.
Experimental determination of PVT-dependence of cesium vapors. I. I. Novikov, V. V. Boshchupkin, Izv. tekhn. no. 10 27-29 O '67.
[Measurement and measurement techniques] Ref. zhur.: Met. i izm. tekhn. no. 11 N '67.
Metrology courses. V. O. Iova, Izv. tekhn. no. 10 84 O '67.
New method of analysis and adjustment of equal-arm scales by oscillation period. S. I. Toropin, Izv. tekhn. no. 10 67-70 O '67.
Optical method for measuring the thickness of mica plates. M. S. Moiseik, Trudy Irk. un. 15 no. 2 22-31 '57.
Selection of standard materials for high-temperature thermophysical measurements. R. B. Kotelnikov, Izv. tekhn. no. 10 40-41 O '67.
- 530.1 **GENERAL PRINCIPLES OF PHYSICS**
Elements of physics in elementary grades. S. I. U. Mel'nyk, F. S. Kysel'ov, Rad. shk., 45 no. 12 14-18 D '66.
[How well do you understand physics?] Poniimate li vy fiziku? Moskva, Znanie, 1967. 93 p. (Narodnyi universitet kul'tury: Estestvenno-nauchnyi fakul'tet, 10)
Induced radiation from excited classical oscillators and its use in high-frequency electronics. A. V. Gaponov, M. I. Petelin, V. K. Ushakov, Izv. vys. ucheb. zav., radiofiz. 10 no. 9 110-114-1453 '67.
V. I. Lenin and dialectics in present-day physics. M. E. Omel'ianovskii, Vop. filos., 21 no. 10 125-131 '67.
- 530.12 **RELATIVITY PRINCIPLE**
Defining the type of space according to Petrov's classification. R. I. Knapko, Dokl. AN SSSR 176 no. 1 58-57 S-O '67.
- 530.145 **QUANTUM THEORY WAVE MECHANICS**
Antonin, A. A., and V. N. Starikov, [Particles, fields, quanta] Chastitsy, polia, kvanty. Alma-Ata, "Kazakhstan," 1967. 127 p.
Applying the displacement and collective variables method in solving the Schrödinger equation. I. R. Iukhnovskiy, A. A. Ikhomenko, Ukr. fiz. zhur., 12 no. 7 1083-1088 JI '67.
Attenuation of waves propagating along the surface of a nonuniform half-space with a waveguide. A. G. Alenitsyn, Prikl. mat. i mekh., 31 no. 5 914-915 S-O '67.
Band-to-band transitions in semiconductors in a magnetic field under the effect of a strong electromagnetic wave. V. Ch. Zhukovskii, A. A. Sokolov, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 9 876-879 N '67.
Causation in quantum field theory. A. V. Erakhtin, A. A. Furman, Izv. SO AN SSSR Ser. obshchestv. nauk no. 6 126-129 My '67.
Coherent radiation of indium antimonide electron-hole plasma in the absence of a magnetic field. A. P. Sholov, S. P. Grishchinskii, R. A. Muminov, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 10 895-898 N '67.
Coordinates of the "intermediate position" of free particles. S. A. Gridneva, P. A. Usik, Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk no. 2 54-58 Mr-Ap '67.
Dependence of the transparency of aluminum films on their thickness. N. E. Alekseevskii, S. I. Vedenev, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 9 865-868 N '67.
Detection of quantum oscillations of conductivity in thin antimony films. I. U. F. Kornik, E. I. Bukhabab, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 3 536-540 Ag '67.

- Effect of oxygen-containing impurities and X-ray radiation on the magnitude of the absolute quantum yield and on the structure of the photoluminescence excitation spectra of NaF-Tl crystals. V. N. Vyshnevskiy, M. S. Pilyavko. Ukr. fiz. zhur. 12 no. 9 1461-1471 S '67
- Effect of quantum fluctuations on the width of the band of frequencies in a superconducting tunnel structure. I. M. Kanchenko. Pis'ma v Zhur. eksp. i teor. fiz. 6 no. 9 879-881 N '67
- Excitation theory and unitarity. L. J. Grano-Ski, V. N. Starikov. Izv. AN Kazakh SSR, Ser. fiz.-mat. nauk no. 2 24-28 Mr.-Ap '67
- Fading out of the Shubnikov-de Haas effect in bismuth-antimony alloy under pressure. C. S. Rukovich, L. M. Fisher. Pis'ma v Zhur. eksp. i teor. fiz. 6 no. 7 748-752 O '67
- The frequency quantizing traveling-wave oscillator. S. A. Belevitin, I. T. Tofimenko. Izv. vys. ucheb. zav., radiofiz. 10 no. 5 732-734 '67
- Gas temperature of a discharge plasma used for carbon dioxide lasers. A. G. Surinov, N. N. Sobolev, G. G. Tsel'fon, Pis'ma v Zhur. eksp. i teor. fiz. 6 no. 3 542-545 Ag '67
- Irremovable singularity of the scattering amplitude of strongly interacting particles in the case of a vanishing field coupling constant. I. M. Lomsadze, S. S. Tokar. Ukr. fiz. zhur. 12 no. 7 1121-1123 II '67
- Induced and thermal Mandelstam-Brillouin scattering in solutions and the sound velocity dispersion in them. I. M. Arifov, V. S. Starinov, N. L. Fabel'skii. Pis'ma v Zhur. eksp. i teor. fiz. 6 no. 8 877-881 S '67
- Interpretation of electrodynamics on the basis of quantum theory. I. A. D. Zel'dovich, Pis'ma v Zhur. eksp. i teor. fiz. 6 no. 10 922-925 N '67
- Kinetic interpretation of problems dealing with the description of oscillatory relaxation in viscous gases. E. A. Gurmurov, A. A. Rodin, Izv. vys. ucheb. zav., fiz. 9 no. 90-100 '67
- Mechanism of the interaction of stress waves in various methods of blasting. E. G. Baizhanov, Fiz.-tekhn. probl. razrab. pol. iskop. no. 5 43-50 S-O '67
- Mechanism of the production of excitation in a continuous argon laser. I. L. Beigman and others, Pis'ma v Zhur. eksp. i teor. fiz. 6 no. 10 919-922 N '67
- Nature of the longwave parts of the $L_{\beta 2}$ and $L_{\gamma 1}$ emission bands of niobium and zirconium and the character of local bands in nitrides, carbides, and borides of these elements. M. I. Korzunskii, I. A. Genkin, Izv. AN Kazakh SSR, Ser. fiz., mat. nauk no. 2 77-81 Mr.-Ap '67
- Nekrasov, S. A. [The elements of quantum mechanics; lectures for third-year students majoring in any field] Elementy kvantovoi mekhaniki, lektsii dlia studentov III kursa vsekh spetsial'nostei. Moskva, 1967 47 p
- On the Clebsch-Gordan coefficients of symmetric representations of SU_3 groups. S. I. Alishauskas, A. P. Ul'tais. Dokl. AN SSSR 177 no. 1 61-64 N-D '67
- An operator equation in the free electron theory. S. A. Grin'eva, P. A. Usik, Izv. AN Kazakh SSR, Ser. fiz., mat. nauk no. 2 51-53 Mr.-Ap '67
- Penetration of mean energy electrons into solids. I. A. Smirnov, M. A. Rumsh. Fiz. tver. tela 9 no. 11 3361-3362 N '67
- Photomagnetic effect in n-InSb in the case of heating up of electrons. R. I. Liagushchenko and others, Pis'ma v Zhur. eksp. i teor. fiz. 6 no. 9 845-849 N '67
- Quantum chemical calculations of hyperfine interaction in organic free radicals. G. M. Zhidomirov, P. V. Shestakov. Zhur. strukt. khim. 8 no. 5 974-982 S-O '67
- Quantum oscillations of resistance and de Haas-van Alphen effect. R. G. Mint's, Pis'ma v Zhur. eksp. i teor. fiz. 6 no. 7 769-770 O '67
- Quantum theory of electronic structure of methane. I. I. Guseinov, O. A. Gumbatov. Azerb. khim. zhur. no. 4 68-73 '67
- Redetermination of the statistical probability in Boltzmann-Gibbs classical statistics. A. I. Kostarev, Izv. vys. ucheb. zav., fiz. 10 no. 10 137-141 '67
- Relation between the antisymmetrical exchange interaction and multiplicity change. S. V. Vonsovskii, M. S. Suvarkii. Pis'ma v Zhur. eksp. i teor. fiz. 6 no. 6 687-700 S '67
- Temperature dependence of quantum distribution functions. E. A. Arinshtein, D. M. Ghtman, Izv. vys. ucheb. zav., fiz. 10 no. 9 113-120 '67
- Upper and lower bounds for matrix elements of operators in the first order of perturbation theory. I. U. Dmitriev, M. S. Il'iev. Vest. LGU 22 no. 22 57-60 N '67
- Upper boundary of the elementary length. D. A. Kirzhnits, Pis'ma v Zhur. eksp. i teor. fiz. 6 no. 7 774-776 O '67
- Use of the method of Green's functions in the theory of quantum kinetic equations. Part 1. S. A. Smolianskii, Izv. vys. ucheb. zav., fiz. 10 no. 10 116-121 '67
- Use of the method of Green's functions in the theory of quantum kinetic equations. Part 2. V. N. Avdonin, S. A. Smolianskii, Izv. vys. ucheb. zav., fiz. 10 no. 10 121-126 '67
- perturbation theory. A. I. Vainshtein, B. L. Ioffe. Pis'ma v Zhur. eksp. i teor. fiz. 6 no. 10 917-919 N '67
- Violation of CP-invariance in K^0 -meson decay and non-equivalent representations in quantum field theory. A. A. Grib. Vest. LGU 22 no. 22 50-56 N '67
- 530 1b PRINCIPLE OF CAUSALITY AND PROBABILITY
A stochastic process in pseudo-Euclidean space. L. V. Priakhorov. Vest. LGU 22 no. 22 45-49 N '67
- 530 17 SIMILARITY PRINCIPLE ANALOGIES
Case of extended similitude of solid deformable bodies approaching simple similitude. A. G. Nazarov. Dokl. AN Arm. SSR 45 no. 3 107-109 '67
- 530 19 THEORY OF POTENTIAL
Existence and continuity of pressure in classical statistical physics. R. L. Dobrushin, R. A. Minlos, Teor. veroiat. i ee prim. 12 no. 4 595-618 '67
- 531 MECHANICS
Circles and quasi-circles of the singular points of conservative systems. I. M. Belen'kii. Prikl. mat. i mekh. 31 no. 5 938-946 S-O '67
- Nikulin, E. M. [Theoretical mechanics for technical schools] Teoreticheskaya mekhanika dlia tekhnikumov. Izd. 6, stereotipnoe. Moskva, Nauka, 1967 518 p
- Problem of the substantiation of classical mechanics. A. A. Treskov. Trudy Irk. un. 15 no. 2 73-81 '67
- Solution of volume anisotropic problems of the field theory using rectilinear sources. V. L. Indenbom, S. S. Orlov. Kristallografiya 12 no. 6 971-980 N-D '67
- 531 1 KINEMATICS
Generalized Euler-Savary theorem. I. M. Dimen'therg. Mashinovedenie no. 6 32-37 N-D '67
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- 531 2 STATICS AND GRAVITATIONAL STATICS
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- A partial case of the balancing of a V-8 engine. V. U. Volkov, B. M. Keichev, G. D. Savran. Avt. prom. 33 no. 9 3-5 S '67
- 531 3 DYNAMICS KINETICS
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- Bifurcation of the steady motions of conservative systems with two cyclic coordinates. V. I. Volynskii. Prikl. mat. i mekh. 31 no. 5 841-847 S-O '67
- Blushchens, G. S., and R. V. Studnev. [Dynamics of the space movements of an airplane] Dinamika prostanstvennogo dvizhenia samoleta. Moskva, Mashinostroyeniye, 1967 225 p
- Effect of dry friction on the motion of a gyroscope with rotation of the gimbal arrangement. V. A. Liblonskain, Izv. vys. ucheb. zav., prib. 10 no. 9 80-83 '67
- Equivalence of the action of angular input velocity and momentum of a master signal generator on a gyrotachometer. P. K. Piotnikov, Izv. vys. ucheb. zav., prib. 10 no. 9 84-88 '67
- Forced oscillations in a system having a symmetric polygonal hysteresis loop. V. G. Kilmov, Izv. vys. ucheb. zav., radiofiz. 10 no. 7 979-986 '67
- Geometrical interpretations of problems dealing with the motion of a heavy solid body having a single fixed point. P. A. Shabanov. Trudy Irk. un. 15 no. 2 140-163 '67
- Rolling of elastic bodies. V. I. Mossakovskii, I. I. Mishchenko. Prikl. mat. i mekh. 31 no. 5 870-876 S-O '67
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- Stabilization of a nonlinear controlled system in the critical case of a double zero root for steady motions. N. V. Stojanov. Prikl. mat. i mekh. 31 no. 5 963-968 S-O '67
- Study of a system of equations describing the motion of a spherical pendulum in the presence of resistance. I. U. F. Shaim, Dif. urav. 3 no. 9 1472-1483 S '67
- Use of the Frenet function in the study of errors of statically unbalanced gyroscopes with three degrees of freedom. B. V. Vorozhbitov, Izv. vys. ucheb. zav., prib. 10 no. 9 76-79 '67
- Comparative corrosion tests of high-tin babbitts containing up to 3% lead. I. A. El'in, V. M. Kriukov. Inform. sbor. TSNIMF no. 156, Tekh. eksp. i teor. no. 49 41-46 '67
- Determining optimum parameters for operating traction and scraper traction members of hopper trains. B. I. Strekachinski. Nauch. trudy KNIUI no. 17 81-85 '67
- Diffusion effects on friction surfaces and their resistance to wear. M. P. Kudrina, I. U. I. Rogar, F. Savitskii. Izv. vys. ucheb. zav., fiz. 10 no. 10 111-116 '67
- Distribution of specific friction forces on the contact surface during rolling. A. P. Chekmarev, I. I. Onishchenko. Izv. vys. ucheb. zav., khim. i fiz. 10 no. 112-116 '67
- Effect of the rate of sliding on the value of the friction ratio. I. S. Murashkin. Trudy LPI no. 231 12 '67
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- Experimental study of the displacement of conveyor rollers of the drive drum. A. N. Daniyarov. Nauch. trudy KNIUI no. 17 176-180 '65
- Kinetic coefficient of Atlantic heating friction. A. Z. Umatsev, Ryb. khoz. 43 no. 12 55-57 '67
- 531.5 GRAVITATION BALLISTICS
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- Methods for studying the earth's figure and its external gravitational field. M. S. Molodetskii, Izv. AN SSSR, Fiz. zem., no. 11 122-125 N '67
- Moskalenko, I. U. Z. [Dynamics of blood supply of the brain under normal conditions and in gravitation loads] Dinamika krovoopleneniia golovnoy mozga v norme i pri gravitatsionnykh nagruzkakh. Leningrad, Nauka, 1967 217 p
- Nature of the gravitational field. N. M. Polievkov-Nikoladze, Pis'ma v Zhur. eksp. i teor. fiz. 6 no. 5 874-876 N '67
- Physical singularity in a space filled with a nonideal medium. L. P. Gishchuk. Pis'ma v Zhur. eksp. i teor. fiz. 6 no. 6 700-704 S '67
- Possibility of generation and reception of gravitational rays. V. R. Nagibarov, U. Kh. Kopylov, Izv. vys. ucheb. zav., fiz. 10 no. 9 68-72 '67
- Vacuum quantum fluctuations in curved space and the theory of gravitation. A. D. Sakharov. Dokl. AN SSSR 177 no. 1 70-71 N-D '67
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- Formation of metallic modifications of germanium and silicon under shock compression. M. N. Pavlovskii. Fiz. tver. tela 9 no. 11 3192-3197 N '67
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- Role of shock waves in the formation of a geomagnetic disturbance caused by a large explosion in the air. A. V. Zolotov. Geomag. i aer. 6 no. 5 907-913 S-O '66
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- Determining critical speeds of mixer shafts in viscous media. A. I. Mit'chenko and others. Khim. i mekh. mashinost. no. 10 11-14 O '65
- Heat calculation of thermocouple manometric converters. R. S. Prasolov, G. N. Kravchenko, I. I. Fuzagina. Izv. mekh. no. 10 43-45 O '67
- High-rigidity spiral dynamometer. M. A. Shatern, G. P. Dzel'ten. Trudy LPI no. 284 80-82 '67
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- Interferential dilatometer for the 10° - 300° K range. I. A. S. Aganovich. Izv. mekh. no. 10 88-89 O '67
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- Small-pressure sensor. V. A. Kozhukov, A. M. Poteskhin, Izv. tekhn. no. 10 92 O '67.
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- 532 FLUID MECHANICS HYDROMECHANICS**
- Acoustic relaxation in liquid mixtures. I. Nazirov, Dokl. AN Tadzh. SSR 10 no. 9 23-25 '67.
- Added mass of an ellipsoid of rotation floating in a vessel of ellipsoid shape under vertical impact. A. M. Polunin, Trudy NIIVTa no. 21 116-128 '66.
- Analytic solution of a system of equations describing the axisymmetric flow of an incompressible fluid. G. I. Nazarov, A. A. Puchkov, Prikl. mat. i mekh. 31 no. 5 828-831 S-O '67.
- Calculating the thermal conductivity of liquids by the theory of corresponding states. A. K. Abbas-zade, S. K. Alimov, A. A. Hyllmanov, Ukr. fiz. zhurn. 12 no. 7 1210-1212 JI '67.
- Calculation of the flow in a Laval nozzle. U. G. Plunov, Dokl. AN SSSR 176 no. 2 287-290 S '67.
- Determination of the concentration of osmotically active substances in biological fluids. M. M. Sokolova, Lab. delo no. 10 589-591 '67.
- Determining coefficients of added mass of an elliptical cylinder during its movement along and between two walls. P. S. Vorob'ev, Trudy NIIVTa no. 21 81-81 '66.
- Determining the basic hydrodynamic characteristics of a fluidized bed of ilmenite. F. P. Vereshchagin, V. V. Zolman, Lakokras. mat. i khim. priim. no. 4 45-47 '67.
- The effect of hydrodynamic factors on the oxidation process of isopropylbenzene in a frothy state. Khim. i tekhn. topl. i masel 12 no. 12 9-10 D '67.
- Effect of longitudinal positive pressure gradient on the critical parameter of injection. P. P. Lugovskoi, B. P. Mironov, Inzh. fiz. zhurn. 13 no. 4 442-449 O '67.
- Effect of the degree of confinement of flow on the coefficient of added mass of a triaxial ellipsoid. P. S. Vorob'ev, S. N. Rudin, Trudy NIIVTa no. 21 25-80 '66.
- Effect of the nature of the flow of a liquid in the chamber of a slide valve on the direction of a jet of liquid. I. U. Ruzskii, L. G. Klemma, Izv. vyz. ucheb. zav., prib. 10 no. 9 127-130 '67.
- Effect of titanium, magnesium and sodium oxides on the viscosity of alumina slags. O. A. Arkhipov, S. V. Stenget'meyer, Trudy Inst. met. no. 13 147-147 '66.
- Effect of walls on the added mass of variously shaped bodies under vertical impact. A. M. Polunin, Trudy NIIVTa no. 21 98-115 '66.
- Electrochemical protection of metals from a high-intensity cavitation effect. L. N. Len'kova, A. A. Vysotskii, I. U. E. Zolotarev, Inform. sbor. TSNIIM no. 159, Tekh. eksp. i ma. flota no. 49 62-71 '67.
- Equipment for diffusion bonding in glow discharges. V. I. Dablov, D. I. Kotelnikov, Avtom. svar. 20 no. 7 76 JI '67.
- Example of the loss of stability and the genesis of a secondary liquid flow in a sealed vessel. V. I. Udovich, Mat. sbor. 74 no. 4 567-570 D '67.
- Experimental investigation of added mass coefficients for rectangular solid in shallow water. P. S. Vorob'ev, Trudy NIIVTa no. 21 3-9 '66.
- Experimental study of the viscosity of the aqueous solutions of diethylene glycol. A. P. Klimenko and others, Gaz. prom. 12 no. 11 47-48 N '67.
- Flow past a partially cavitating plate. A. V. Kuznetsov, A. G. Perent'ev, Izv. vyz. ucheb. zav., mat. no. 11 43-46 N '67.
- Fluctuation of orientation order in the amorphous phase of liquid-crystal substances and their electro-optical properties. V. N. Tsvetkov, E. I. Rumyantsev, Dokl. AN SSSR 176 no. 2 382-384 S '67.
- Fluid flow between porous planes. P. A. Semenov, V. E. Pivovarov, Inzh. fiz. zhurn. 13 no. 4 530-535 O '67.
- Formation of acrylic copolymer films from dispersions. I. U. E. Matasov, A. V. Chekushin, Lakokras. mat. i khim. priim. no. 5 23-27 '67.
- Formation of shock waves in unbalanced fluids. A. N. Kravko, Prikl. mat. i mekh. 31 no. 5 794-803 S-O '67.
- Funnel-forming in water flowing out of a sluice gate. S. M. Isaakian, Dokl. AN Arm. SSR 45 no. 3 116-117 '67.
- Generalization of data on convective heat transfer with evaporation into a turbulent boundary layer. R. Sh. Vainberg, Inzh. fiz. zhurn. 13 no. 4 510-513 O '67.
- Hoisting force in hydrodynamics as the Coriolis inertial force. G. E. Ivanchenko, Nauch. trudy KNIUI no. 7 311-312 '63.
- A hydrodynamic equilibrium during a fluidization of granular materials in conic apparatuses resting on a large base. N. I. Gol'perin and others, Khim. i tekhn. topl. i masel 12 no. 12 26-29 D '67.
- Indicating flowmeter. I. U. N. Novozhilov, Izv. tekhn. no. 10 90-91 O '67.
- Investigating complex heat transfer at the starting section of a pipe. V. T. Kurnosov, V. S. Sidorov, Inzh. fiz. zhurn. 13 no. 4 476-481 O '67.
- Investigating the kinetics of self-focusing in fluids. A. V. Butenin and others, Pis'ma v red. Zhurn. eksp. i teor. fiz. 6 no. 6 687-690 S '67.
- Kinetics of dissolution of single crystal gallium arsenide oriented in the <111> direction in perchloric acid solutions of iron chloride. L. L. Sveshnikova, G. M. Orlova, Vest LGU 22 no. 22 131-136 N '67.
- Methods for calculating density of liquids in soda production. E. A. Raskhvaika, E. I. Chernomskaya, Zhur. prikl. khim. 40 no. 8 1855-1860 Ag '67.
- Motion of a rotating ellipsoid in the bisecting plane of a dihedral angle. O. I. Gordeev, P. S. Vorob'ev, Trudy NIIVTa no. 21 85-87 '66.
- Motion of a triaxial ellipsoid in a confined flow. S. N. Rudin, Trudy NIIVTa no. 21 10-24 '66.
- New occurrence of the property of fluidity of some loose materials. F. I. Luk'yanov, V. A. Biliukov, L. I. Khristianova, Inzh. fiz. zhurn. 13 no. 4 554-559 O '67.
- One type of the polyhydrodynamic gas lens. B. M. Berkovskii, O. G. Martynenko, O. I. Khozev, Inzh. fiz. zhurn. 13 no. 4 425-430 O '67.
- Rates of dissolution of borates in hydrochloric acid solutions. V. M. Imamatdinova, Zhur. prikl. khim. 40 no. 8 1826-1828 Ag '67.
- Relation of adsorption effects in conditions of stress-rupture strength to the value of interphase energy of the solid metal-liquid metal boundary. V. I. Nikitin, Zashch. met. 3 no. 6 719-722 N-D '67.
- Rheological and dielectric properties of dilatant and thixotropic systems. A. A. Trapeznikov, G. G. Petrzhik, T. I. Korotina, Dokl. AN SSSR 176 no. 2 378-381 S '67.
- Second approximation in the asymptotic theory of sonic flow of a real gas past bodies of revolution. V. N. Desperov, O. S. Ryzhov, Prikl. mat. i mekh. 31 no. 5 783-793 S-O '67.
- Siphoning devices for dosing and measuring the flow of fluids. V. M. Fedoseev, Sh. G. Farrakhov, Inzh. tekhn. no. 10 91-92 O '67.
- Some two-dimensional problems in the theory of percolation with a limiting gradient. V. M. Futor, Prikl. mat. i mekh. 31 no. 5 826-833 S-O '67.
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- Studying the extrusion of a viscoplastic layer in a filtering medium. I. R. Muradov and others, Azerb. neft. khoz. 46 no. 6 16-18 Je '67.
- Studying the structural and mechanical properties of titanium dioxide water dispersions. E. M. Aleksandrova, M. G. Sakharova, V. L. Maksimov, Lakokras. mat. i khim. priim. no. 4 58-61 '67.
- Surface tension and work function of a molten metal electrode. V. B. Lazarev, I. U. E. Malov, Fiz. i khim. obr. mat. no. 4 141-148 JI-Ag '67.
- Surface tension of some molten metals in a wide range of temperatures. V. B. Lazarev, Teor. i eksp. khim. 3 no. 1 504-507 JI-Ag '67.
- Theory of a spherical bearing. A. K. Nikitin, E. S. Nevskaya, Izv. vyz. ucheb. zav., mat. no. 11 75-89 N '67.
- Theory of Rayleigh instability. G. Z. Gerasimov, E. M. Zhukovitskii, R. N. Rudakov, Prikl. mat. i mekh. 31 no. 5 812-819 S-O '67.
- Thickness of a layer emitted along by a partially submerged rotating cylinder. B. I. Rubashkin, Inzh. fiz. zhurn. 13 no. 4 568-571 O '67.
- Turbulent mixing in a three-phase fluidized bed. I. U. K. Vasil', N. Kh. Mannov, V. V. Manshinn, Khim. i tekhn. topl. i masel 12 no. 12 1-8 D '67.
- Uniformly exact equations describing a two-dimensional laminar boundary layer for a body with abrupt local curvature variation of its profile. B. M. Bulakh, Prikl. mat. i mekh. 31 no. 5 804-811 S-O '67.
- Viscosity and density of solutions of lithium chloride in carboxylic acids. L. A. Kotolensko, Ukr. khim. zhurn. 33 no. 7 604-672 '67.
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- 532 50 WAVE MOTION. WAVES**
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- Analytical investigation of the heating of bodies considering radiation. A. V. Furman, V. V. Ivanov, Izv. vyz. ucheb. zav., av. tekhn. 10 no. 3 38-40 '67.
- Applying the principle of technical stability to the problem of a longitudinal movement of an airplane in a turbulent atmosphere. I. U. A. Val'kov, Izv. vyz. ucheb. zav., av. tekhn. 10 no. 3 20-28 '67.
- Approximate methods of vortex gas dynamics. V. M. Fomin, Izv. vyz. ucheb. zav., av. tekhn. 10 no. 3 29-37 '67.
- Asymptotic stability of angular motions of space vehicles. A. M. Aksiantsev, Izv. vyz. ucheb. zav., av. tekhn. 10 no. 3 3-10 '67.
- Calculating the complex area of a supersonic flow. I. U. I. Tsyblov, G. M. Gurelov, Izv. vyz. ucheb. zav., av. tekhn. 10 no. 3 117-124 '67.
- Calculation of the flow in a Laval nozzle. U. G. Plunov, Dokl. AN SSSR 176 no. 2 287-290 S '67.
- Charged particle acceleration in a plasma. I. A. B. Fainberg, Usp. fiz. nauk 93 no. 4 617-671 D '67.
- Coherent radiation of indium antimonide electron-hole plasma in the absence of a magnetic field. A. P. Shotov, S. P. Grishchukina, R. A. Maminov, Pis'ma v red. Zhurn. eksp. i teor. fiz. 6 no. 10 895-898 N '67.
- Contact effects in plasma. L. A. Durov, M. F. Gol'dshein, Uch. zap. Ufian. gos. ped. inst. 20 no. 4 66-76 '66.
- Dense supersonic hydrogen jet in a high vacuum. I. S. Borovik and others, Zhur. tekhn. fiz. 37 no. 12 2209-2212 D '67.
- Determination of dynamic characteristics of connecting channels of converters in measuring pressure variations. V. S. Senin, Izv. tekhn. no. 10 32-34 O '67.
- Determining the shape of flow in the development areas of rotating separation. N. V. Belan, V. N. Eshkov, G. V. Pavlenko, Izv. vyz. ucheb. zav., av. tekhn. 10 no. 3 47-51 '67.
- Dynamics of particle motion in a single-electrode resonance electron discharge taking the space charge into account. V. I. Petrunin, Zhur. tekhn. fiz. 37 no. 12 2239-2243 D '67.
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- Electrodynamical characteristics of a dispersing plasma. L. A. Durov, M. F. Gol'dshein, Uch. zap. Ufian. gos. ped. inst. 20 no. 1 76-84 '66.
- Electron characteristics of a probe in a magnetized plasma. I. I. Litvinov, Zhur. tekhn. fiz. 37 no. 12 2160-2166 D '67.
- Electrostatic oscillations in the beam of a synthesized plasma. K. S. Golovinski, A. I. Lushchik, Zhur. tekhn. fiz. 37 no. 12 2234-2237 D '67.
- Energy transfer from an electromagnetic field to a high-frequency discharge plasma. E. F. Kustov, P. A. Asanov, Izv. vyz. ucheb. zav., av. tekhn. 10 no. 4 99-101 '67.
- Existence and uniqueness of the solution to the kinetic equation. G. B. Il'inski, B. V. Filippov, Aerodin. i fiz. tekhn. gaz. no. 3 41-50 '67.
- Expansion of the boundary transform. R. G. Barantsev, V. P. Pivovarov, Aerodin. i fiz. tekhn. gaz. no. 3 67-71 '67.
- Experimental study of the radiation of superhigh-frequency electromagnetic waves from a plasma pierced by an electron beam. M. I. Kogan, I. I. Sakharov, Zhur. tekhn. fiz. 37 no. 12 2175-2183 D '67.
- Formation of coatings in spraying tungsten over graphite. G. V. Bohov, V. I. Pivovarov, Svar. prodv. no. 6 15-17 Je '67.
- Free molecular flow around the bodies of complicated shape. E. V. Alekseeva, R. G. Barantsev, Aerodin. i fiz. tekhn. gaz. no. 3 58-66 '67.
- Gas and air dynamics in air checkers of a typical open-hearth furnace. A. I. Chernogolov, Trudy Inst. met. no. 13 130-135 '66.
- Gas-kinetic computation of the thermal sliding velocity of a gas near a solid surface. I. U. I. Alimov, I. N. Ivchenko, Dokl. AN SSSR 176 no. 1 71-76 N-D '67.
- Gas temperature of a discharge plasma used for carbon dioxide lasers. A. G. Vainlov, N. N. Sobolev, G. G. Tsyblov, Pis'ma v red. Zhurn. eksp. i teor. fiz. 6 no. 3 512-515 Ag '67.
- Heat effectiveness in the process of welding with a c. plasma arc. D. A. Dudko, A. N. Korotenko, Avtom. svar. 20 no. 11 27-30 N '67.
- Interaction between the gas ions and metal surface. B. V. Filippov, Aerodin. i fiz. tekhn. gaz. no. 3 110-123 '67.
- Kinetic interpretation of problems dealing with the description of oscillatory relaxation in viscous gases. E. A. Gurmurova, Aerodin. i fiz. tekhn. gaz. no. 1 100-109 '67.
- Kraiko, A. N. [Variational problems involving supersonic gas flows with arbitrary thermodynamic properties] Variatsionnye zadachi sverkhzvukovykh tserenit gazov i proizvol'nykh termodinamicheskikh svoistvami. Moskva, VTS AN SSSR, 1963. 82 p. (Trudy Vyshtalt'noho tsentra Akademii nauk SSSR).
- Length of the mixing chamber of a supersonic ejector when ejection coefficient is zero. B. A. Balanin, Inzh. fiz. zhurn. 13 no. 1 564-567 O '67.
- Measuring the compressibility of gases by the displacement method. Nitrogen compressibility at pressures up to 10,000 at. and at temperatures up to 100°. I. S. Tsyblov, I. V. Pottalov, Dokl. AN SSSR 176 no. 2 308-311 S '67.
- More precise analysis of the distribution functions and kinetic equations of rarefied gases. R. N. Mironov, Aerodin. i fiz. tekhn. gaz. no. 3 22-49 '67.
- Motion of a cone in a compressible fluid. A. G. Bagdasaryan, Dokl. AN Arm. SSR 45 no. 3 101-108 '67.
- Motion of a gas behind a diverging detonation wave in a space with a truncated cone. I. A. M. Karzhin, Prikl. mat. i mekh. 31 no. 5 816-820 S-O '67.
- Nature of a moving plasma produced in an electric discharge shock tube. I. U. I. Chutov, Ukr. fiz. zhurn. 12 no. 7 1186-1192 JI '67.
- Nonsteady-state problem dealing with the dispersion of a jet. A. V. Belova, G. G. Makrinova, Aerodin. i fiz. tekhn. gaz. no. 3 181-197 '67.
- Oblique incidence of a plane electromagnetic wave on a compressible plasma cylinder. L. K. Ryzhova, I. P. Akimenko, Izv. vyz. ucheb. zav., radiofiz. 10 no. 4 666-673 '67.
- On a characteristic of the attenuation of a longitudinal wave in a weakly inhomogeneous plasma. V. A. Tikhonov, Izv. vyz. ucheb. zav., radiofiz. 10 no. 5 629-630 '67.

- Frequency dependence of the intensity of Raman scattering of light in α -quartz. D. F. Kiselev. *Kristallografiya* 12 no. 6 1073-1074 N-D '67.
- Generation of the second optical harmonics of radiation in GaSe crystals. M. S. Brydov, M. V. Volovik. *Ukr. fiz. zhur.* 12 no. 9 1501-1506 S '67.
- Heat radiation from perfectly conducting rough surfaces. V. V. Karavaev. *Izv. vys. ucheb. zav., radiofiz.* 10 no. 5 658-665 '67.
- Indices of light reflection by fabrics and the structure of fabrics. V. V. Akovlev. *Izv. vys. ucheb. zav., tekhn. tekhn. prom.* no. 5 22-28 '67.
- Induced resonance effects in potassium vapors. M. E. Movsesian, N. N. Pedaljan, V. A. Iradian. *Dokl. AN Arm. SSR* 45 no. 3 118-120 '67.
- Infrared absorption by molecular ions injected into the lattices of alkali-halide crystals. M. S. Pldzyrallo, I. M. Khalimonova. *Ukr. fiz. zhur.* 12 no. 7 1063-1068, 11 '67.
- Infrared absorption spectra of radical-anions of naphthalene and anthracene. I. A. Kachpurova. *Teor. i ekspr. khim.* 3 no. 4 498-503 Ji-Ag '67.
- Instrument for measuring the thickness of large lenses. A. P. Buin. *Opt.-mekh. prom.* 34 no. 9 51-53 S '67.
- Instrument for objective measurement of the refraction of nonsigmatic eyeglass lenses. G. I. Strakun, D. I. Zorin, I. N. Dolitskii. *Opt.-mekh. prom.* 34 no. 9 31-33 S '67.
- Interimpurity radiative recombination in compensated germanium. V. P. Dobrego, I. S. Shilimskii. *Fiz. i tekhn. poluprov.* 1 no. 10 1478-1485 '67.
- Light measurements. A. A. Vol'kenshtein and others. *S. teoreticheskaya* 13 no. 11 26-29 N '67.
- Linear Stark effect on phononless lines of color centers in lithium fluoride crystals. A. A. Kaphianskii, V. N. Medvedev. *Pis' v red. Zhur. eksp. i teor. fiz.* 6 no. 10 893-895 N '67.
- Liquid xenon luminescence ignitable by α -particles in an electric field. B. A. Dolgoshin, V. N. Lebedenko, B. U. Rodionov. *Pis' v red. Zhur. eksp. i teor. fiz.* 6 no. 7 755-757 O '67.
- Low angle light scattering in films of amorphous fluorine rubbers. I. U. I. Kotov, A. S. Novikov. *Vysokom. soed. Ser. A* 9 no. 8 1714-1719 Ag '67.
- Magnetic dipole radiation of magnetic materials. V. G. Bar'shtakht, A. G. Kvirikadze. *Fiz. tver. tela* 9 no. 11 3264-3269 N '67.
- Magnetic field effect on absorption in gallium arsenide. B. V. Emlin and others. *Fiz. i tekhn. poluprov.* 1 no. 10 1453-1455 '67.
- Mass-spectrometric study of oxygen sorption by the surface of tungsten. V. S. Aheikin, I. U. I. Pustyn'skiy, Ukr. fiz. zhur. 12 no. 9 1481-1486 S '67.
- Measurement of frequency contrast characteristics of elementary optical elements. V. N. Vishnevskii, I. M. Khimov, I. U. E. Smikin. *Opt.-mekh. prom.* 34 no. 9 53-55 S '67.
- Mechanism of thermal ionization of F-color centers in alkali halide crystal phosphors. F. N. Zaitov, E. S. Dudarev. *Fiz. tver. tela* 9 no. 11 3087-3094 N '67.
- Methods for selecting types of oscillations in open quasi-optical systems. V. S. Averbakhi, S. N. Vlasov, V. I. Talanov. *Izv. vys. ucheb. zav., radiofiz.* 10 no. 9/10 1333-1357 '67.
- Modulation and synchronization of the radiation from a semiconductor injection laser. V. I. Magalias and others. *Pis' v red. Zhur. eksp. i teor. fiz.* 6 no. 3 550-552 Ag '67.
- Multilayer antireflection coverings for materials with a high refraction index. A. I. A. Kuznetsov, A. F. Porvov. *Opt.-mekh. prom.* 34 no. 9 39-41 S '67.
- Negative transverse magnetoresistance at low-temperature metallic scattering on optical phonons. L. L. Korenblit. *Fiz. i tekhn. poluprov.* 1 no. 10 1563-1566 '67.
- New interpretation of the edge absorption of Ge and CdTe. H. H. Tsebulia, M. P. Lyaytsia, V. M. Malynko. *Ukr. fiz. zhur.* 12 no. 7 1144-1150 Ji '67.
- Nonlinear dependence of cuprous oxide luminescence on the intensity of photoexcitation. N. A. Tolstoi, A. P. Abramov. *Fiz. tver. tela* 9 no. 11 3340-3341 N '67.
- Nonlinear optics and problems of the frequency conversion of coherent optical radiation. S. A. Akhmanov, R. V. Khokhlov. *Radiotekhn. i elektron.* 12 no. 11 2052-2076 N '67.
- Observation of four-photon interaction in a spectrum of induced light scattering in the wing of a Rayleigh line. G. I. Zaitsev and others. *Pis' v red. Zhur. eksp. i teor. fiz.* 6 no. 6 595-597 S '67.
- One type of the hydrodynamic gas lens. B. M. Berkovskii, O. G. Martynenko, O. I. Khozev. *Inzh.-fiz. zhur.* 13 no. 4 425-430 O '67.
- Optical and electric properties of Ni-Si alloy systems. M. A. Fomina, P. D. Korzh. *Izv. vys. ucheb. zav., fiz.* 10 no. 9 132-134 '67.
- Optical and luminescence properties of Cd₂S and Cd₂(Eu) single crystals. O. B. Lyaskovych, S. K. Zhrebetskii, I. M. Pentak. *Ukr. fiz. zhur.* 12 no. 9 1455-1459 S '67.
- Optical properties of multilayer dielectric mirrors obtained by cathode sputtering. O. A. Motovilov. *Opt.-mekh. prom.* 34 no. 9 41-45 S '67.
- Optical valve based on Faraday effect. A. G. Drabkin. *Izv. vys. ucheb. zav., prib.* 10 no. 9 101-104 '67.
- Photocolorimetric method for determination of iron. T. M. Chermichkina, M. S. Pinter, G. N. Bezdvorniy. *Koks i khim.* no. 12 43-44 '67.
- Photoelectric dust measuring device for open-hearth furnace flue gases. E. F. Gavrilin and others. *Teor. i prakt. mel.* no. 8 218-223 '66.
- Photoelectric properties of the aluminum - aluminum oxide - gold film system. A. L. Musatov. *Fiz. tver. tela* 9 no. 11 3279-3283 N '67.
- Photomagnetic effect in n-InSb in the case of heating up of electrons. R. I. Liagushchenko and others. *Pis' v red. Zhur. eksp. i teor. fiz.* 6 no. 9 845-848 N '67.
- Production of aspherical surfaces of optical parts. N. P. Zakaznov and others. *Izv. vys. ucheb. zav., geod. i aerof.* no. 5 151-157 '67.
- Properties of electroluminescent SiC diodes. A. S. Kitchuk. *Fiz. i tekhn. poluprov.* 1 no. 10 1510-1514 '67.
- Radiant heat transfer in a closed space consisting of three gray bodies and filled with gas. V. D. Rumiantsev, I. D. Semikun. *Inzh.-fiz. zhur.* 13 no. 4 463-467 O '67.
- Radiative recombination in heavily doped p-GaAs. V. P. Sushkov, I. U. A. Moma. *Fiz. i tekhn. poluprov.* 1 no. 10 1531-1539 '67.
- Radoluminescence and crystalline nature of organic substance. V. G. Nikofekht. *Dokl. AN SSSR* 176 no. 1: 132-134 S-O '67.
- Recombination of nonequilibrium carriers in silicon at high photoexcitation levels. L. M. Blinov and others. *Fiz. tver. tela* 9 no. 11 3221-3228 N '67.
- Relations between the basic characteristics of the coefficients of a complex optical system and the basic characteristic coefficients of its parts. V. D. Andreeva. *Opt.-mekh. prom.* 34 no. 9 20-24 S '67.
- Remarks on the calculation of temperature changes of air gaps in an optical system. V. A. Zverev. *Izv. vys. ucheb. zav., prib.* 10 no. 9 96-100 '67.
- Restoration of the image of interference patterns in a white light formed by double-exposure holograms. I. S. Klimenko, E. G. Matinjan, G. I. Rukman. *Pis' v red. Zhur. eksp. i teor. fiz.* 6 no. 3 535-536 Ag '67.
- Results of the photographic photometry of Mats from photographs taken in 1950. I. A. Parshin, I. I. Lebedeva. *Uch. zap. LGU* no. 334 90-104 '67.
- Röntgenoluminescence of CaSO₄-Mn-phosphor and its accumulation capacity. H. M. Ivanil, Ukr. fiz. zhur. 12 no. 7 1205-1207 Ji '67.
- Role of shock waves in the formation of a geomagnetic disturbance caused by a large explosion in the air. A. V. Zolotov. *Geomagn. i aer.* 6 no. 5 907-913 S-O '66.
- Rotation of the light polarization plane and the magnetic circular dichroism in the ferrimagnet RbNiF₃. R. V. Pisarev, I. G. Sinil, G. A. Smolenskii. *Fiz. tver. tela* 9 no. 11 3149-3156 N '67.
- Simple illuminator with specular optics. I. U. V. Vvedenskii, A. M. Siz'min. *Izv. vys. ucheb. zav., prib.* 10 no. 9 110-111 '67.
- Simple interferometer for the control of aspherical surfaces. B. A. Shapochkin, I. U. V. Bogachev, V. N. Sergeev. *Opt.-mekh. prom.* 34 no. 9 25-28 S '67.
- Special types of optical crown glass. L. N. Urusovskaya. *Opt.-mekh. prom.* 34 no. 9 36-38 S '67.
- Spectrophotometric determination of phenol using thiosulfonic acid. L. L. Talipova, E. L. Abramova, N. A. Parpiev. *Urb. khim. zhur.* 11 no. 5 21-21 '67.
- Spectrophotometric study of the reaction of hexasubstituted benzenes with sulfuric acid. A. G. Ginzburg, V. N. Setkina, D. N. Kirsanov. *Dokl. AN SSSR* 177 no. 1 105-107 N-D '67.
- Spontaneous electro-optical effect in lithium niobate crystals. A. S. Sentin, L. G. Lomova. *Fiz. tver. tela* 9 no. 11 3315-3317 N '67.
- Stripping of dissipative effects in the case of inelastic scattering in multivulley semiconductors. I. Vosilits, I. B. Levinson. *Pis' v red. Zhur. eksp. i teor. fiz.* 6 no. 9 854-857 N '67.
- Structure of the conduction zone of CdSAs₂. I. U. V. Mal'tsev and others. *Fiz. i tekhn. poluprov.* 1 no. 10 1584-1587 '67.
- Study of allyl rearrangement in boron compounds by nuclear magnetic resonance. V. S. Bogdanov and others. *Teor. i ekspr. khim.* 3 no. 4 488-493 Ji-Ag '67.
- Study of organometallic compounds with an Fe-Sn bond by means of nuclear gamma resonance. V. I. Gol'danskii and others. *Teor. i ekspr. khim.* 3 no. 4 476-482 Ji-Ag '67.
- Study of the decomposition of iron oxalates by using the "derivatographic method" and Mossbauer effect. G. M. Zhabrova and others. *Teor. i ekspr. khim.* 3 no. 4 483-487 Ji-Ag '67.
- Studying some properties of CaF₂ single crystals. I. M. Pentak, O. B. Lyaskovych, S. K. Zhrebetskii. *Ukr. fiz. zhur.* 12 no. 9 1452-1454 S '67.
- Studying the conditions of light modulation with Λ -10, μ by means of the electrooptical effect on GaAs crystals. V. S. Bagayev, I. U. N. Berozashvili. *Fiz. i tekhn. poluprov.* 1 no. 10 1568-1570 '67.
- Studying the continuous generation of laser diodes from GaAs in liquid helium. V. M. Marshenko, L. M. Kogan, L. D. Libov. *Fiz. i tekhn. poluprov.* 1 no. 10 1546-1552 '67.
- Studying the optical properties of HgS - HgSe solid solutions. B. F. Eilen'kiy and others. *Ukr. fiz. zhur.* 12 no. 7 1198-1200 Ji '67.
- Surface tension and work function of a molten metal electron. V. B. Lazarev, I. U. I. Malov. *Fiz. i khim. obr. mat.* no. 4 141-148 Ji-Ag '67.
- Theory of Fabry - Perot interferometer in the case of deflection of its mirrors from parallelism. Mukhammad Khasshechin. *Izv. vys. ucheb. zav., fiz.* 10 no. 8 73-79 '67.
- Two-wave microfluorometer. E. M. Brumberg, I. A. Barskii, G. V. Papian. *Opt.-mekh. prom.* 34 no. 9 '67.
- Use of a laser in measuring the cross section of induced radiation of a substance. V. R. Belan, V. V. Gligor'ants, M. E. Zhabotinski. *Pis' v red. Zhur. eksp. i teor. fiz.* 6 no. 7 721-724 O '67.
- Use of a line test with alternating step for measuring frequency contrast characteristics of undervacuum photography systems. L. V. Babak, B. N. Koltsov. *Izv. vys. ucheb. zav., prib.* 10 no. 9 136-139 '67.
- Use of light filters in studying solar radiation. V. V. Sakhanov, V. A., Sakhanova. *Astron. vest.* 1 no. 4: 248-252 O-D '67.
- Use of nuclear magnetic resonance and infrared spectroscopy for studying the structure of lanthanum molybdate and tungstate crystal hydrates. A. M. Gohib and others. *Teor. i ekspr. khim.* 3 no. 4 494-497 Ji-Ag '67.
- X-ray scattering in crystals due to temperature gradient taking thermal oscillations in account. Part 2. P. A. Bezliganov. *Zhur. tekhn. fiz.* 37 no. 12 2218-2223 D '67.
- X-ray spectra of boron and its compounds. V. A. Fomichchev. *Fiz. tver. tela* 9 no. 11 3167-3171 N '67.

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Scientific work at the Chair of Optics at Leningrad State University. S. E. Frish. *Vest. LGU* 22 no. 22 7-21 N '67.

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- Behavior of dislocation loops in a thick plate the free surfaces of which have a temperature periodically changing in time. L. V. Tikhonov. *Fiz. met. i metalloved.* 24 no. 4 577-587 O '67.
- Calculating temperature cycles during the welding with a fast-moving source of a thin plate to a massive body. V. I. Makhnenko, L. A. Petun, V. M. Shekera. *Fiz. i khim. obr. mat.* no. 4 81-85 Ji-Ag '67.
- Calculating the thermal conductivity of liquids by the theory of corresponding states. A. K. Abas-zade, S. K. Akhundov, A. A. Ilyinova. *Ukr. fiz. zhur.* 12 no. 7: 1210-1212 Ji '67.
- Calculation of heating processes in the laser beam welding of metals. N. N. Rykalin, A. A. Uglov. *Svay. proizv.* no. 8 1-6 Je '67.
- Calorimetric instrument with a device to shorten the time of measuring the intensity of ultrasonics. O. I. Tsek. *Izm. tekhn.* no. 10 80-87 O '67.
- Calorimetric study of the reactions of precipitation of rare earth fluorides from aqueous solutions. I. U. V. Kondrat'ev and others. *Vest. LGU* 22 no. 22 123-130 N '67.
- Considering dispersion in processes of radiant heat transfer. I. U. A. Popov. *Inzh.-fiz. zhur.* 13 no. 1 406-502 O '67.
- Controlling thermal conditions of blast furnace bottom. V. S. Kocho, G. A. Polonskii. *Metallurg* 12 no. 10 6-7 Je '67.
- Designing resistance thermometers for measuring unstable temperatures. A. D. Pischevskii. *Izm. tekhn.* no. 10 37-39 O '67.
- Determination of flame boundaries by changes in its radiating capacity. A. I. Chernogolov. *Trudy Inst. met.* no. 13 127-129 '66.
- Determination of the heat capacity of solids at nonsteady temperature dependent thermal modes. V. V. Vlasov. *Izv. vys. ucheb. zav., prib.* 10 no. 9 123-126 '67.
- Determining the concepts of relaxation time and quasi-stationary conditions of a process. I. U. I. Shimanovskii. *Inzh.-fiz. zhur.* 13 no. 4 560-563 O '67.
- Determining the speed of the heating-through of flat textile fabrics. V. I. Shcherbakov, M. Kvapil, M. Kynstal. *Izv. vys. ucheb. zav., tekhn. tekhn. prom.* no. 5 125-131 '67.
- Development of the theory of furnaces. M. A. Glukov. *Izv. vys. ucheb. zav., khim. mel.* 10 no. 10 162-168 '67.
- Differential equations for studying heat transfer in absorbing and radiating medium. A. D. Rekin. *Inzh.-fiz. zhur.* 13 no. 1 489-495 O '67.
- Effect of alternating transverse accelerations on convective heat emission. B. S. Stefanovskii, V. I. A. Kulov, E. P. Retukhin. *Energomashinostroyenie* 13 no. 9 45-46 S '67.
- Effect of partial admission on the degree of reactivity of a Francis-turbine stage. A. I. Apatenko, V. D. Levenberg, G. F. Romanovskii. *Izv. vys. ucheb. zav., tekhn.* 10 no. 3 61-65 '67.
- Electric arcs burning in a gas flow. V. I. Gorlachov, A. D. Lebedev. *Inzh.-fiz. zhur.* 13 no. 4 431-437 O '67.
- Electric modeling of thermal processes in resistance spot welding. I. U. N. Lankin, Avtom. svar. 20 no. 7 23-20 Ji '67.
- Experimental investigation of the effect of pressure pulsations on the magnitude of critical heat flux at a forced water flow in pipes. I. U. G. Minakov. *Izv. vys. ucheb. zav., av. tekhn.* 10 no. 3 132-134 '67.
- Falling heat flow as index of thermal effect and heat exchange in furnaces. A. I. Chernogolov. *Trudy Inst. met.* no. 13 112-114 '66.
- Features and advantages of operating the NVD36 diode with high temperature cooling. V. N. Nechumirov. *Energomashinostroyenie* 13 no. 9 40-42 S '67.
- Generalization of data on convective heat transfer with evaporation into a turbulent boundary layer. R. Sh. Vainburg. *Inzh.-fiz. zhur.* 13 no. 4 510-513 O '67.

- Graduation of thermometers under normal conditions. A. I. Pan. Trudy GGO no 211-48-62 '67.
- Heat capacity and thermodynamic functions of methacrylic, polymethylacrylic, and isobutyric acids. L. B. Radunovich, B. V. Lichdey, T. I. Melent'eva. Vysokom soed. Ser. A 9 no 8 1099-1705 '67.
- Heat conductivity of binary gas mixtures at low temperatures. A. G. Shashikov, T. N. Abramova, Inzh.-fiz. zhur. 13 no 4 544-553 O '67.
- Heat exchange between metal being rolled and the rolls in the deformation zone. A. I. Chichinogov, V. I. Shilo. Trudy inst. met. no. 13 136-140 '66.
- Heat exchange in non-scale metal heating furnaces. A. I. Vashchenko and others. Metalloved. i term. obr. met. no. 11 48-50 N '67.
- Heat radiation from perfectly conducting rough surfaces. V. V. Karavaev, Izv. vys. ucheb. zav., radiofiz. 10 no 5 658-665 '67.
- Heat transfer in an annular channel between identically rotating shafts. V. K. Shchukin. Izv. vys. ucheb. zav. av. tekhn. 10 no. 3 96-102 '67.
- Heating a two-component charge with finite heat conductivity in a counterflow of gas. I. U. Aroschenko, V. S. Shvabki, I. R. Shkiba. Izv. vys. ucheb. zav., khim. met. 10 no 10 162-170 '67.
- Heating of an immovable two-component layer having different initial temperature by a gas. I. U. Aroschenko, I. R. Shkiba. Inzh.-fiz. zhur. 13 no 4 522-529 O '67.
- Interferential dilatometer for the 10° - 300° K range. L. S. Aganovich. Izv. tekhn. no. 10 88-89 O '67.
- Investigating complex heat transfer at the starting section of a pipe. V. T. Kumevov, V. S. Sidorov. Inzh.-fiz. zhur. 13 no. 4 478-481 O '67.
- Investigating heat transfer between a surface and a layer of moving particles. A. I. Tamarin, V. D. Dunsil, L. V. Gorbachev. Inzh.-fiz. zhur. 13 no. 4 450-454 O '67.
- Limits of the validity of the second law of thermodynamics. M. Smoluchowski. Usp. fiz. nauk 93 no. 4 724-743 D '67.
- Likov, A. V.** [Theory of heat conduction] Teoriya teplo - provodnosti. Moskva, Vysshaya shkola, 1967. 181 p.
- Metals and alloys of low-temperature technology. D. V. Lebedev, B. M. Ovsinnikov. Metalloved. i term. obr. met. no 11 21-31 N '67.
- New design of thermometer holders for the THT-2 thermostat. A. P. Gorodiskain. Izv. tekhn. no 10 93 O '67.
- Nonstationary temperature field in an uniminated hollow cylinder in a variable heat flow. I. M. Naziev, I. V. AN SSSR, Energ. i transp. no. 6 135-141 N-D '67.
- Optimum shape of single radiating elements. I. U. G. Zhulev. Inzh.-fiz. zhur. 13 no. 4 468-475 O '67.
- Periodic thermal action of a medium on a solid. I. A. Ievin, M. S. Smun. Izv. AN SSSR, Energ. i transp. no 6. 142-144 N-D '67.
- Phase equilibria and thermodynamic properties of the systems methyl ethyl ketone - water and cyclohexane - water. F. P. Sokolova, A. G. Morachevskii. Vest. LGU 22 no. 22 99-105 N '67.
- Programmed temperature control in digester during direct heating. V. S. Varushkin. Rum. prom. no. 12 12-11 '65.
- Radiant heat transfer in a closed space consisting of three gray bodies and filled with gas. V. D. Rumyantsev, I. D. Semikin. Inzh.-fiz. zhur. 13 no 4 463-467 O '67.
- Rationalization of general formulas of angular coefficients. S. P. Detkov. Inzh.-fiz. zhur. 13 no. 4 482-488 O '67.
- Solidification of an ingot of killed steel. A. A. Shorovskii. Inzh.-fiz. zhur. 13 no. 4 577-580 O '67.
- Solution of hyperbolic heat and mass transfer equations. N. I. Gamanov. Inzh.-fiz. zhur. 13 no. 1 503-509 O '67.
- Stationary distribution of the electric field and temperature in a conductor with its conductivity depending on temperature. R. S. Kuznetsov. Ukl. fiz. zhur. 12 no. 7 1207-1209 JI '67.
- Structure formation in a rimmed steel ingot. A. D. Kramarov. Izv. vys. ucheb. zav., khim. met. 10 no 10 81-85 '67.
- Study of the heating of a rectangular rod with changing temperature of the radiant media. I. U. V. Vidin. Izv. AN SSSR, Energ. i transp. no. 6 121-123 N-D '67.
- Studying temperature and viscosity problems of low-melting swelling clays. P. P. Budnikov, E. A. Kolesnikov. Slek. i khr. 24 no. 4 25-28 Ap '67.
- Studying the heat expansion of molecular crystals. Part I. Calculating the expansion tensor of naphthalene over a wide temperature range. A. P. Ryzhnikov, V. M. Kozhin. Kristallografiya 12 no. 6 1079-1082 N-D '67.
- Studying the thermodynamic properties of oxide phases in the system FeO - CaO - SiO₂ by the electromotive force method. I. N. Dementko, S. I. Filippov. Izv. vys. ucheb. zav., khim. met. 10 no 10 66-70 '67.
- Synchronism of changes of heat flow on the bath and the brickwork of an open-hearth furnace. S. N. Gushchin and others. Trudy inst. met. no. 13 94-101 '66.
- Temperatures of melting ultra-basites and temperatures of ultrabasic melttings. A. T. Bazilevskii, A. V. Ukhonov. Geokhimiya no. 12 1500-1503 D '67.
- Theory of the high-frequency electrothermal action upon rocks. E. I. Arsh. Gor. elektromekhn. i avtom. no. 8-84-88 '67.
- Thermal resistance of a degenerated electron gas caused by interelectron interaction. L. I. Korenblit. Fiz. i tekhn. poluprov. 1 no. 10 1566-1568 '67.
- Thermodynamic analysis of reactions in soluble glass molds. I. V. Vasilovskii. Lit. proizv. no 3 19-20 Mr '67.
- Thermodynamic characteristics of the systems Ca(ClO₄)₂ - NaClO₄ - H₂O and Cd(ClO₄)₂ - NaClO₄ - H₂O. Part I. Enthalpy of formation and mixing. L. S. Litch, N. V. Ovtakht. Vest. LGU 22 no. 22 122-127 N '67.
- Thermodynamic constants of pyrophyllite. V. I. Fonarev. Geokhimiya no 12 1505-1508 D '67.
- Thermodynamic laws and problems of evolution. S. V. Bosko. Bul. MOIP. Oid. biol. 72 no. 5 28-33 S-O '67.
- Thermodynamic model of impurity dissolution and departure from stoichiometry in crystals with stoichiometric vacancies. V. M. Koshkin, I. U. A. Ficman, L. V. Aroschenko. Fiz. tver. tela 9 no. 11 3120-3125 N '67.
- Thermoelectric properties of niobium alloys with titanium and hafnium. I. P. Duzhina, A. A. Fraktomiyova. I. M. Vladimirovskaya. Izv. tekhn. no. 10 41-42 O '67.
- Two point bicolorimeter. A. N. Vyshelskii, M. A. Gromov. Izv. vys. ucheb. zav.; prib. no. 9 121-122 '67.
- Use of a new method for numerical computation of local radiation characteristics in the study of the radiant heat exchange in a square chamber with nonadiabatic lining. I. U. A. Surinov, A. A. Petrovskii. Izv. AN SSSR, Energ. i transp. no. 6 124-134 N-D '67.
- Vladimir Alekseevich Andreev (on the occasion of his 75th birthday). V. P. Lykov and others. Inzh.-fiz. zhur. 13 no. 4 582-583 O '67.
- 536.24 HEAT TRANSFER, EXCHANGE**
- Theory of Rayleigh instability. G. Z. Gershuni, E. M. Zhukovskii, R. N. Rudakov. Prikl. mat. i mekh. 31 no. 5 812-819 S-O '67.
- 537 ELECTRICITY**
- Effect of the current density, material, and the backing treatment method on the internal strains of electroprecipitated iron-nickel films. V. V. Koshmanov, N. M. Primak. Izv. vys. ucheb. zav., fiz. 10 no. 9 40-43 '67.
- Electric arc burning in a gas flow. V. L. Gorbachev, A. D. Lebedev. Inzh.-fiz. zhur. 13 no 4 431-437 O '67.
- Introduction to the concepts of Ampere's strength of electric current and Lorentz force. G. I. Kerisman. Vech. sled. shkola. 10 no. 6 30-34 N-D '67.
- 537(498)—European communist countries as a group**
- Technological progress, and electric power potential in the industry of the European socialist countries. S. Nizhmira. Trudy INKh no 4 125-138 '67.
- 537.2 ELECTROSTATICS. ELECTRIC CHARGES, ETC.**
- Abrupt repolarization in the ferroelectric SbSI induced by illumination. V. M. Rudak, A. A. Bogomolov. Fiz. tver. tela 9 no 11 3336-3337 N '67.
- Answers to questions on the application of paint coatings in an electric field. A. L. Shelekina. Lakokras. mat. i ikh. prom. no. 4 79 '67.
- Changes in the contractile capacity of the myocardium in frogs depending on the content of sodium, potassium, and calcium ions in the surrounding medium. E. B. Bakshi, I. L. Kosharskaya. Bul. eksp. biol. i med. 64 no. 12 7-10 D '67.
- Dependence of the dielectric properties of chloroprene rubber on molecular weight distribution. I. U. K. Kabanian, R. V. Bagdasarian, L. G. Melkoni. Arm. khim. zhur. 20 no 8 601-605 '67.
- Detection of anisotropy of the n-Ga refractive index in an electric field. L. E. Vorob'ev and others. Fiz. i tekhn. poluprov. 1 no 10 1581-1582 '67.
- Dielectric constant of two-phase media. N. F. Linskii, I. U. F. Sviridko. Izv. vys. ucheb. zav., fiz. 10 no 9 157-159 '67.
- Effect of a constant electric field on the spiral growth of crystals. M. I. Kozlovskii. Kristallografiya 12 no. 6 1099-1101 N-D '67.
- Effect of a transverse electric field on the thermally stimulated conductivity of CdS single crystals. I. U. M. Shirshov and others. Fiz. i tekhn. poluprov. 1 no. 10 1553-1558 '67.
- Effect of electric stimulation of the hippocampus on the lipid metabolism in rabbits. N. A. Novikova. Fiziol. zhur. 53 no 12 1452-1454 D '67.
- Effect of illumination on the ultrasound absorption in mixed crystals of the AgBr type. A. D. Biellais and others. Ukr. fiz. zhur. 12 no. 9 1575-1578 S '67.
- Electric and optical properties of barium titanate crystals with iron and cobalt impurities. B. N. Matsonashvili. Kristallografiya 12 no. 6 995-999 N-D '67.
- Electric domains in corundum plates and the electric effects related to the formation of laminated filamentary crystals. V. N. Rozhanski, G. V. Berezhkova. Fiz. tver. tela 9 no. 11 3126-3135 N '67.
- Field effect in bismuth. I. U. Ogrm, V. N. Lushk. Ukl. Elctron. Fiz. tver. tela 9 no 11 3234-3237 N '67.
- Imperfect structure of triglycine sulfate crystals. Ferroelectric and piezoelectric states. G. I. Bider and others. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 4 868-870 N '67.
- Increasing the response time of systems with magnetic amplifiers. A. P. Inestun, V. A. Savost'yanov. Ukl. zap. Ukl. gos. ped. inst. 20 no. 4 168-174 '65.
- Intensification of spin waves in ferroelectric substances by a beam of charged particles with arbitrary direction. Z. Z. Makimudov. Ukr. fiz. zhur. 12 no. 7 1197-1197 JI '67.
- Measures for the decrease and neutralization of electrostatic charges in silver. V. N. Shkiba. Izv. vys. ucheb. zav., tekhn. i prib. no. 5 132-137 '67.
- Nonlinear effect in piezoelectric semiconductors. A. I. Chaban. Fiz. tver. tela 9 no. 11 3334-3335 N '67.
- Possible mechanism for the formation of ball lightning. V. A. Gubichev. Ukl. zap. Ukl. gos. ped. inst. 20 no. 4 203-210 '66.
- Prolonged changes in the amplitude of monosynaptic reflexes of extensors evoked by afferent volleys in somatic nerves. I. U. Sverdllov. Fiziol. zhur. 51 no 12 1414-1423 D '67.
- Rheological and dielectric properties of dilatant and thixotropic systems. A. A. Tlapachnikov, G. G. P. Zhik, T. I. Korotova. Dokl. AN SSSR 176 no. 2 381 S '67.
- Some problems concerning the hazard in the use of electric paint sprayers. B. A. Vihov. Fiz. i tekhn. i ikh. prom. no. 4 82-83 '67.
- Stationary distribution of the electric field and temperature in a conductor with its conductivity depending on temperature. R. S. Kuznetsov. Ukr. fiz. zhur. 12 no. 7 1207-1209 JI '67.
- Study of parallel compensation in a system consisting of magnetic amplifier-motor and PPTU. V. A. Savost'yanov, A. I. Esan, A. P. Inestun. Ukl. zap. Ukl. gos. ped. inst. 20 no 11 174-182 '65.
- Studying the generation of high-frequency oscillations in the plasma-beam system. V. M. Artemov and others. Zhur. tekhn. fiz. 37 no 12 2193-2198 D '67.
- Studying the pyroelectric effect in triglycine sulfate crystals using the dynamic method. L. S. Kravtchuk, V. B. Samoilov. Kristallografiya 12 no 6 1079-1082 N-D '67.
- Theoretical studies of a nonuniform magnetic field. M. I. Belyi, N. G. Gordeev. Ukl. zap. Ukl. gos. ped. inst. 20 no 4 130-141 '66.
- Theory of the shape of electron paramagnetic resonance line in external constant and alternating electric fields. M. D. Glushuk, M. P. Delgen, G. V. Korobko. Fiz. tver. tela 9 no. 11 3198-3204 N '67.
- Therapeutic use of impulse action. V. G. Lashogorodskii. Vop. kul., fiziol. i lech. fiz. kul'. 32 no. 5 418-420 S-O '67.
- Thermal cesium plasma in a strong high-frequency electric field. R. A. Demirkhanov, G. L. Khorasani, I. K. Sidorova. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no 9 861-865 N '67.
- 537.226 DIELECTRICS FERROELECTRICITY**
- Cherenkov losses by a modulated current in a nonlinear dielectric. V. V. Demchenko, V. I. Kuriklo. Izv. vys. ucheb. zav., radiofiz. 10 no. 5 718-721 '67.
- Phase transition dielectric - metal in antiferromagnetic substances. L. M. Butaevskii, D. L. Khomskii. Fiz. tver. tela 9 no. 11 3070-3076 N '67.
- Photoelectric properties of the aluminum - aluminum oxide - gold film system. A. L. Musatov. Fiz. tver. tela 9 no. 11 3279-3283 N '67.
- Spontaneous electro-optical effect in lithium niobate crystals. A. S. Sonin, L. G. Lomova. Fiz. tver. tela 9 no. 11 3315-3317 N '67.
- Studying the antiferroelectric substances by means of millimeter waves. I. U. M. Poplavko, V. G. Tsyklov. Fiz. tver. tela. 9 no. 11 3305-3310 N '67.
- Theory of the dielectric constant of a lattice. L. B. Melnik. Fiz. tver. tela 9 no 11 3311-3314 N '67.
- 537.3 ELECTRIC CURRENT. ELECTROKINETICS**
- Anisotropy of piezothermo- α , μ , f , in silicon and germanium. A. H. Samoilovych, M. V. Nitsovych, V. M. Nitsovych. Ukr. fiz. zhur. 12 no. 7 1213-1215 JI '67.
- Anisotropy of transport coefficients in organic semiconductors. S. I. Kubarev, I. D. Mikhailov. Teor. i eksp. fiz. 3 no. 4 463-470 JI-Ag '67.
- Application of semiconductor detectors with an electron-hole transition in nuclear instrument manufacturing. V. V. Matveev, I. U. P. Set'dikov, A. D. Sokolov. Lem. tekhn. no. 10 61-63 O '67.
- Calculating the current-limiting magnetic amplifier for traction semiconductor rectifiers. V. D. Fursov, G. G. Pivniak. Gor. elektromekhn. i avtom. no 8 3-9 '67.
- Calculating the thermally stimulated currents in a photoelectret regime. D. H. Demak, D. V. Chopur, V. F. Zolotarev. Ukr. fiz. zhur. 12 no. 9 1450-1463 S '67.
- Conductivity mechanism in pyrolytically grown dielectrics. V. F. Korzo. Izv. vys. ucheb. zav., fiz. 10 no. 9 85-80 '67.

- Coupling criterion in the case of electron mechanism of the superconductivity. B. T. Grilikman. Fiz. tver. tela 9 no. 11 159-159 N '67.
- Design of a probe for the separate determination of convective and radiant heat transmission, rate and temperature of gas flow. A. I. Chernogolov, S. N. Gushchin, V. B. Fetisov. Izv. Inst. met., no. 13 102-107 '66.
- Determination of the conduction band structure and effective electron masses in crystals by the double electron-nuclear resonance. V. G. Grachev, M. F. Deigen, S. I. Pekar. Fiz. tver. tela 9 no. 11 317-316 N '67.
- Determining the appearance temperature of the intrinsic conduction of semiconductors by the characteristics of p-n-junction. M. M. Aliev. Fiz. i tekhn. poluprov. 1 no. 10 1540-1545 '67.
- Effect of a magnetic field on the threshold absorption of Josephson's radiation in tunneling of Sn-Pb. I. K. Anson. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 7 729-733 O '67.
- Effect of mixed conductivity on the dependence of kinetic coefficients on magnetic field intensity of p-type HgTe. M. I. Danov. Izv. AN SSSR, Neorg. mat. 3 no. 10 1797-1804 O '67.
- Effect of short-range order on the electrical resistance of solid solutions. A. A. Katsnel'son, L. M. Shevchuk. Fiz. met. i metalloved. 21 no. 1 683-687 O '67.
- Effect of two alkalis in fused silicate glasses. Part 1. K. A. Kostanian, E. A. Ezankian, E. M. Avetisyan. Arm. Khim. zhur. 20 no. 8 592-600 '67.
- Electric conductivity of a zinc chage and its influence on power conditions of an electric furnace. A. K. Pusev, I. U. A. Lablonskii. Sbor. Ural. politekh. inst., no. 155 68-74 '67.
- Electric conductivity of quartz in an alternating electric field. T. M. Glushkova, M. M. Futsova. Kristallografiya 12 no. 6 1000-1005 N-D '67.
- Electric conductivity of some ferroelectric semiconductors of groups V, VI, and VII. T. A. Pikk. Kristallografiya 12 no. 6 1075-1076 N-D '67.
- Electroacoustic effect and sound amplification in a current in a trap-containing semiconductor. I. U. Gullayev, V. V. Proklov. Fiz. i tekhn. poluprov. 1 no. 10 1496-1501 '67.
- Electroconductivity of vanadium oxide at low temperatures. S. M. Arida, B. I. Brach, V. A. Vladimirova. Vest. LGU 22 no. 22 157-159 N '67.
- Electroconductivity, viscosity, and density of potassium aluminate solutions. G. G. Babayan, V. TS. Karapetian, B. S. Edalian. Zhur. prikl. khim. 40 no. 8 1851-1853 Ag '67.
- Electrokinetic potential of vinyl fiber in solutions of electrolytes and dyes. V. F. Andosov, I. D. Tugai, V. S. Bondarenko. Izv. vys. ucheb. zav., tekhn. i tekhn. prom. no. 5 109-113 '67.
- Electro paramagnetic resonance method for studying organic semiconductors. L. A. Blumenfeld and others. Zhur. strukt. khim. 8 no. 5 829-837 S-O '67.
- Energy state of the donor level of tellurium in CdSe. L. I. Zaubin, F. G. Miselluk, I. M. Itchenko. Fiz. i tekhn. poluprov. 1 no. 10 1587-1589 '67.
- Galvanomagnetic characteristics under conditions of the nonlinear de Haas-van Alphen effect. V. N. Nabutovskii. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 7 762-765 O '67.
- Heat inertia of heat absorbers on thermopiles designed by VNIIT. A. I. Chernogolov, I. U. Samoilovich. Trudy Inst. met., no. 13 108-111 '66.
- High-temperature X-ray analysis of the compound ZnSnP₂. N. A. Gorinova and others. Vest. LGU 22 no. 22 159-160 N '67.
- Industrial technology of modifying polymeric insulation in cables by radiation. L. F. Finkel, R. P. Baginskii. Atom. energ. 23 no. 5 473-475 N '67.
- Interimpurity radiative recombination in compensated germanium. V. P. Dobrego, I. S. Shitnik. Fiz. i tekhn. poluprov. 1 no. 10 1478-1485 '67.
- Internal friction and electric resistance of silicon single crystals under multiple alternating flexure. R. I. Gai-bei, I. K. Soloshenko, I. A. Charkina. Fiz. tver. tela 9 no. 11 3270-3272 N '67.
- Investigating the electric conductivity of converter nickel slags. M. M. Zavit'alaov, V. I. Smirnov, Sbor. Ural. politekh. inst., no. 155 75-82 '67.
- Nature of acceptors and scattering centers of current carriers in polycrystalline germanium films. V. P. Kuznetsov. Kristallografiya 12 no. 6 1101-1103 N-D '67.
- Nonlinear effect in thin superconducting thin films at superhigh frequencies. G. E. Chmirlov and others. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 7 752-755 O '67.
- Nonlinear relation between a current and an electric field in the presence of the Shubnikov-de Haas effect. V. M. Nabutovskii. Fiz. tver. tela 9 no. 11 3342-3343 N '67.
- Stability theory of flexural waves in a semiconductor plate. I. V. Ioffe, A. M. Kovnatskii. Fiz. i tekhn. poluprov. 1 no. 10 1522-1525 '67.
- Observation of the transition semiconductor-metal in a magnetic field. N. B. Brandt, E. A. Svyetova, R. G. Valeev. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 7 724-728 O '67.
- On the conductivity of transition metals. G. V. Samsonov, I. U. B. Paderno, B. M. Rud'. Izv. vys. ucheb. zav., fiz. 10 no. 9 129-131 '67.
- On the existence of Mott excitons in semiconductors at high concentrations of electrons and holes. S. B. Anokhin, E. I. Butikov, A. S. Kondrat'ev. Vest. LGU 22 no. 22 156-157 N '67.
- Phonon drag in bismuth. M. E. Kuznetsov, S. S. Shalyt. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 7 745-748 O '67.
- Possibility of obtaining controllable resistors on the base of oxide semiconductors. I. U. D. Kobtsev, V. N. Solomko. Izv. vys. ucheb. zav., fiz. 10 no. 9 19-24 '67.
- Production, properties and use of rubber. V. E. Guli. V. S. Zhuraviev. Kauch. i rez. 26 no. 12 31-34 '67.
- Quantum oscillations of resistance and the de Haas-van Alphen effect. R. G. Mintz. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 7 769-770 O '67.
- Radiative recombination in heavily doped p-CdAs. V. P. Sushkov, I. U. A. Moma. Fiz. i tekhn. poluprov. 1 no. 10 1591-1599 '67.
- Ramster thermoprobe. E. M. Slobodkin, I. U. N. Tuluyevskii, D. Z. Savostin. Teor. i prikl. met. no. 8 58-63 '66.
- Reactivity of chemisorbed molecules and electronic processes in semiconductors. V. F. Kiselev, Dokl. AN SSSR 176 no. 1:124-127 S-O '67.
- Recombination of nonequilibrium carriers in silicon at high photoexcitation levels. L. M. Blinov and others. Fiz. tver. tela 9 no. 11 3221-3228 N '67.
- Studying the closed thermoelectric currents in anisotropic media. L. I. Anatyehuk, O. I. A. Luste. Ukr. fiz. zhur. 12 no. 9 1520-1525 '67.
- Studying the currents controlled by a surface space charge in the field effect and MOS-structures. A. P. Horban', V. H. Lytovchenko. Ukr. fiz. zhur. 12 no. 7:1059-1061 I '67.
- Superconducting magnets. M. G. Kramlev. Usp. fiz. nauk 93 no. 4 675-701 D '67.
- Superconductivity of alloys in the system Nb₃Al - Nb₃Ge. N. V. Ageev and others. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 10 901-904 N '67.
- Switching of a transistorized circuit containing ferrite cores and having a rectangular hysteresis loop. L. A. Kamyshov, A. A. Rybakov. Izv. vys. ucheb. zav., radiofiz. 10 no. 7:1029-1034 '67.
- Temperature dependence of the electric resistance of zirconium and yttrium hydrides. V. I. Savin and others. Fiz. met. i metalloved. 24 no. 4 636-640 O '67.
- Tetraphenylporphyrin and its complexes with metals as photoconductors. A. T. Vaztanian. Fiz. i tekhn. poluprov. 1 no. 10 1515-1521 '67.
- Theory of a controlled electrodynamic current stabilizer. V. I. Gortunov, E. N. Serchukova, V. I. Korolev. Izv. vys. ucheb. zav., radiofiz. 10 no. 7:1007-1014 '67.
- Theory of skin effect in an electrode discharge. D. D. Rutov. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 6 701-707 S '67.
- Theory of the electroconductivity of the surface layers of a space charge in semiconductors. I. U. I. Horkum. Ukr. fiz. zhur. 12 no. 7:1163-1171 I '67.
- Theory of thermally stimulated conductivity. L. R. Krumberg. Fiz. i tekhn. poluprov. 1 no. 10 1456-1461 '67.
- Thermal properties of superconductors with strong electron-phonon interaction. B. T. Grilikman, V. Z. Kresin. Fiz. tver. tela 9 no. 11 311-319 N '67.
- Thermodynamic properties of superconductors containing nonmagnetic impurities. Making allowance for overlapping of energy bands. V. A. Moskalenko. Dokl. AN SSSR 176 no. 2 301-304 S '67.
- Use of the method of four probes in studying the anisotropy of electric conductivity of flat circular samples. L. I. Anatyehuk, O. I. A. Luste. Ukr. fiz. zhur. 12 no. 9:1560-1562 S '67.
- Variations of boundary stress in p-n-junctions. A. I. Gokhshtein. Fiz. i tekhn. poluprov. 1 no. 10 1408-1401 '67.

537.5 ELECTRIC DISCHARGES, RADIATION, IONIZATION

- Analysis of impurities based on ion mobility. B. P. Konstantinov, O. V. Oshukova. Elektrokhimia 3 no. 11 1409-1412 N '67.
- Determining the surface ionization coefficient for barium atoms on a tungsten surface. M. A. Mitkev, N. I. Ionov. Zhur. tekhn. fiz. 37 no. 12 2229-2233 I '67.
- Dynamics of particle motion in a single-electrode resonance electron discharge taking the space charge into account. V. I. Potrunin. Zhur. tekhn. fiz. 37 no. 12 2239-2243 D '67.
- Dynamics of the electrical parameters of regulated ionic devices. L. A. Dritov, M. E. Gol'dshtein. Uch. zap. Ulan. gos. ped. inst. 20 no. 4:25-39 '66.
- Effect of neutron radiation on the coercive force of a molybdenum permalloy. B. V. Vasil'ev. Fiz. met. i metalloved. 24 no. 4:757-759 O '67.
- Effect of water treated by ion exchange methods on the hydrogen-ion concentration of beer mash. G. I. Fortman, V. G. Tikhonov. FERM. i spilit. prom. 33 no. 7 27-30 '67.
- Electron-optical observation of the initiation and development of a pulse discharge through a short vacuum gap. S. P. Bugayev and others. Zhur. tekhn. fiz. 37 no. 12 2208-2208 D '67.
- Excitation of high-frequency electrodeless discharge. E. F. Kuatov, P. A. Arsen'ev. Zhur. tekhn. fiz. 37 no. 12 2167-2172 D '67.
- Fast thermionic and X-ray radiation at the initial stage of an impulsive spark discharge in the air. I. U. L. Stankovich, V. G. Kalinin. Dokl. AN SSSR 177 no. 1 72-73 N-D '67.

- Formation of a pulse discharge in aqueous solutions of lithium chloride. I. H. Kutsenko, A. V. Kozlov. Ukr. fiz. zhur. 12 no. 9 1536-1540 S '67.
- Formation of plasma in ionic devices with a controlling electrode. L. A. Dritov, M. E. Gol'dshtein. Uch. zap. Ulan. gos. ped. inst. 20 no. 4:3-14 '66.
- Frenkel effect in semiconductor diodes. V. I. Gaman. Izv. vys. ucheb. zav., fiz. 10 no. 9 92-98 '67.
- Ion acceleration in electron beams. A. A. Plutko and others. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 3:540-541 Ag '67.
- Ionization energy of a screened hydrogenlike impurity center in a semiconductor. I. A. A. Rozneritsa, I. A. S. Matronitskii. Izv. vys. ucheb. zav., fiz. 10 no. 9:131-136 '67.
- Kinetics of the vaporization of substances in the electric arc. I. A. D. Raikhsbaum. Trudy IKh. un. 15 no. 2 67-72 '57.
- Limiting currents on hydrogen-ion discharge from HCl solution with varying indifferent electrolyte concentration. I. A. V. Durdin, V. V. Malev. Tekhnokhimia 3 no. 11 112-116 N '67.
- Macrokinesics of metal refining with modern remelting processes. V. I. Lakomskii. Fiz. i khim. obshch. mat. no. 4 57-62 I-Ag '67.
- Mean internal potential of a lattice of some semiconductor compounds and elementary semiconductors. R. I. Anishechenko, A. N. Gnatinskii. Izv. vys. ucheb. zav., fiz. 10 no. 9 136-138 '67.
- Mechanism of thermal ionization of F-color centers in alkali halide crystal phosphors. F. N. Zaitov, F. S. Duduev. Fiz. tver. tela 9 no. 11 3087-3094 N '67.
- Possibility of using the method of secondary ion-ion emission in the study of corrosion processes. V. I. A. Kolot and others. Zashch. met. 3 no. 6 723-730 N-D '67.
- Proton-1 and proton-2 in cosmic-ray research. I. U. N. Smirnov. Priroda no. 11 116-117 N '67.
- Radiation of solid particles in a vacuum. A. I. Lazarev, K. A. Igarev. Opt. mekh. prom. 31 no. 9:63-64 S '67.
- Shape of the current conducting channel in electric arcs. I. I. Zinuba. Avtom. svay. 20 no. 11 23-26 N '67.
- Stability and durability of hard facing processes with the short-circuiting of a gap. A. A. Buki, M. G. Gornostan. Avtom. svay. 20 no. 11 29-31 N '67.
- Studying the impulsive toroidal discharge in mutually opposed fields. A. B. Beozin, D. G. Bulynskii, M. I. Vityazhnikov. Zhur. tekhn. fiz. 37 no. 12 2181-2192 D '67.
- Studying the thermal breakdown of germanium allowing for the temperature dependence of the width of forbidden band. I. M. Senderikhin. Izv. vys. ucheb. zav., fiz. 10 no. 9:44-116 '67.

537.531 X RAYS, GAMMA RAYS

- Birth of the X-ray Institute. Priroda no. 11 102-109 N '67.
- Commercial-type gamma-ray unit for pre-growing seed irradiation. B. Zhukov. Atom. energ. 23 no. 5:477-478 N '67.
- Diffuse scattering of X-rays by gamma-irradiated metals. I. A. Malinenko, O. N. Shvirin. Kristallografiya 12 no. 6:1091-1093 N-D '67.
- Growing CuSO₄ crystals from an aqueous solution under X-ray irradiation. I. A. S. Abdullova, G. A. Gumanitskii. Kristallografiya 12 no. 6:1098 N-D '67.
- Image of linear defects in the method of anomalous passing of X-rays. I. I. Shul'pin, I. I. Datsenko. Ukr. fiz. zhur. 12 no. 9 1472-1480 S '67.
- Self-protecting gamma-ray units. D. A. Koushanskii. Atom. energ. 23 no. 5:475-477 N '67.
- Studying the adsorbing properties of adsorbents under gamma radiation at low temperatures. S. I. Primatev, I. T. Tulyakov. Izv. AN Kazakh SSR, Ser. fiz.-mat. nauk no. 2:43-17 M-Ap '67.
- X-ray scattering in crystals due to temperature gradient taking thermal oscillations into account. Part 2. P. A. Bezirganian. Zhur. tekhn. fiz. 37 no. 12 2215-2221 D '67.
- X-rays contribute to the yield of adrenocortical hormones. A. Tongur, A. Panyuskii, A. Chumneva. Mias. ind. SSSR 38 no. 10:42 O '67.

537.533 NEGATIVE RAYS, CATHODE RAYS, ELECTRON OPTICS

- Electron-microscope observation of dislocation movement in silicon induced by electron beams. M. M. Myshl'ev, V. I. Nikitenko, V. G. Plemenko. Fiz. tver. tela 9 no. 11 3077-3081 N '67.
- Elements of structure and substructure in condensed polycrystalline films. M. I. A. Fuka and others. Fiz. tver. tela 9 no. 11 3273-3278 N '67.
- Optical properties of refractive electron systems. V. M. Kelman, E. M. Akushev. Zhur. tekhn. fiz. 37 no. 12 2121-2136 D '67.

537.7 ELECTRICAL MEASUREMENTS

- Calorimetric instrument with a device to shorten the time of measuring the intensity of ultrasonics. O. F. Tsok. Izv. vys. ucheb. zav., prib. 10 no. 6-8 '67.
- Centimeter band polarimeter. V. A. Voloshin, N. N. Gorobets. Izv. vys. ucheb. zav., prib. 10 no. 6-8 '67.
- Determination of the value of average specific inductive capacitance of nonhomogeneous media. B. V. Vulin. Trudy VNIIE no. 28 134-135 '67.

- Error in rectifying electric measuring devices due to the influence of the current curve shape. B. Ushakov, Izv. vuzov, no. 10 48-51 O '67.
- Induction noncontact current collectors for the study of loads in rotating parts. M. I. Vaisman, Izv. vuzov, no. 10 35-37 O '67.
- Measuring device of electric-field intensity with ferro-ceramic transducers. V. I. Lazauskas, Izv. vuzov, no. 10 46-48 O '67.
- Methods for measuring components of unit resistance of an anisotropic material. B. V. Vannin, Trudy VNIIE no. 122-133 '67.
- Two-channel spectral electrophotometer with photon recording. G. S. Tsarevskii, N. N. Guseva, Astron. zhur. 44 no. 6 1329-1331 '67.
- 538 MAGNETISM ELECTROMAGNETISM**
- Analysis of the electron paramagnetic resonance spectra of free radicals. I. A. S. Lebedev, S. N. Dubriakov, Zhur. strukt. khim. 8 no. 5 838-853 S-O '67.
- Antiferromagnetic substances in strong magnetic fields. M. A. Savchenko, V. V. Taisenko, Fiz. tver. tela 9 no. 11 3284-3292 N '67.
- Bipolar Kerr effect in ferromagnetic metals. L. A. Afanas'eva, Fiz. met. i metalloved. 24 no. 4 617-622 O '67.
- Correlation of nuclear quadrupole resonance frequencies of Cl^{35} in dichloroanhydrides of some phosphorus acids with constants of substituents at phosphorus atom. E. N. Tsvetkov and others, Izv. AN SSSR Ser. khim. no. 11 2373-2378 N '67.
- Critical magnetic fields in alloys of the system niobium-titanium-zirconium. N. E. Alekseevskii and others, Dokl. AN SSSR 176 no. 2 705-707 S '67.
- Determination of the conduction band structure and effective electron masses in crystals by the double electron-nuclear resonance. V. G. Grachev, M. F. Deigen, S. L. Pekari, Fiz. tver. tela 9 no. 11 3157-3166 N '67.
- Diffraction losses of an open resonator produced by round mirrors with spherical profile. V. O. Galcia and others, Zhur. tekhn. fiz. 37 no. 12 2216-2217 D '67.
- Effect of a magnetic field on the threshold absorption of Josephson's radiation in tunneling of Sn-Pb. I. K. Anson, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 7 729-733 O '67.
- Effect of an external electric field on the electron resonance spectrum in a magnetically ordered piezoelectric crystal. M. P. Petrov, S. A. Kizhbaev, G. A. Smolenskii, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 9 870-873 N '67.
- Effect of compensation on hyperfine splitting of electron paramagnetic resonance spectrum of phosphorus in highly alloyed n-silicon. B. G. Zhurkin, N. A. Penin, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 10 890-893 N '67.
- Effect of heat treatment on the magnetic properties of $\text{N}^{32}\text{K}^{86}$ and $\text{N}^{32}\text{K}^{88}$ alloys in strong magnetic fields. B. P. Kirovov, G. N. Dement'ev, Fiz. met. i metalloved. 24 no. 4 629-635 O '67.
- Effect of magnetic treatment on the properties of sodium oleate solution. L. A. Arapov, and others, Uzb. khim. zhur. 11 no. 5 66-68 '67.
- Effect of quantum fluctuations on the width of the band of frequencies in a superconducting tunnel structure. I. U. M. Ivanchenko, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 9 879-881 N '67.
- Electron paramagnetic resonance in partially reduced rutile. V. N. Bogomolov, L. S. Sochava, Fiz. tver. tela 9 no. 11 3353-3356 N '67.
- Electron paramagnetic resonance line moments with a dominating exchange interaction. S. M. Riabchenko, L. A. Shul'man, Fiz. tver. tela 9 no. 11 3298-3304 N '67.
- Electron paramagnetic resonance method for studying organic semiconductors. L. A. Bilimenev and others, Zhur. strukt. khim. 8 no. 5 829-837 S-O '67.
- Electron paramagnetic resonance method of studying oxidized complexes of nickel and palladium with α -benzylidioxime. N. S. Gavrilin and others, Dokl. AN SSSR 176 no. 2 328-331 S '67.
- Electron paramagnetic resonance of Mn^{2+} in borate and silicate glasses. E. I. Abdurashitova, N. R. Ibraev, Fiz. tver. tela 9 no. 11 3172-3174 N '67.
- Electron paramagnetic resonance of trivalent chromium in $\text{YAl}_2(\text{BO}_3)_4$ crystals. V. A. Aisarkin, V. B. Kiyachenko, I. G. Matveeva, Fiz. tver. tela 9 no. 11 3353-3354 N '67.
- Energy state of the donor level of tellurium in CdSe. L. I. Zarubin, E. G. Misluk, I. M. Rarenko, Fiz. i tekhn. poluprov. 1 no. 10 1587-1589 '67.
- Energy transfer from an electromagnetic field to a high-frequency discharge plasma. B. F. Kuslov, P. A. Arsen'ev, Izv. vuzov, ucheb. zav. fiz. 10 no. 9 99-103 '67.
- Ferrimagnetism of hexagonal ferrites. T. M. Perekalina, V. P. Cheparin, Fiz. tver. tela 9 no. 11 3205-3207 N '67.
- Ferromagnetic resonance in thin ferromagnetic films. V. M. Sokolov, Fiz. tver. tela 9 no. 11 3357-3358 N '67.
- Field of a horizontal magnetic dipole in the presence of a spheroid. E. A. Ivanov, Dif. urav. 3 no. 9 1543-1551 S '67.
- Formation of paramagnetic products in the photolysis of polyethanes and their effect on the development of degradation processes. A. A. Berlin and others, Vysokom. soed. Ser. A 9 no. 8 1677-1681 '67.
- Galvanomagnetic characteristics under conditions of the nonlinear de Haas - van Alphen effect. V. M. Nabutovskii, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 7 762-765 O '67.
- Induced resonance effects in potassium vapors. M. E. Moiseev, N. N. Badalov, V. A. Ibradov, Dokl. AN Arm. SSR 45 no. 3 118-120 '67.
- Instability of spin waves in antiferromagnetic substances with the "lightweight axis" anisotropy. Linear approximation. I. U. M. Lakovlev, Fiz. tver. tela 9 no. 11 3323-3331 N '67.
- Interpretation of electrodynamics on the basis of quantum theory. I. A. B. Zeldovich, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 10 922-925 N '67.
- Kinetics of γ -radiolysis of glycine and triglycine sulfate single crystals. S. Z. Shul'man, N. M. Smirnova, L. S. Zvier'kov, Ukr. fiz. zhur. 12 no. 9 1555-1556 S '67.
- Magnetic dipole radiation of magnetic materials. V. G. Bar'faktar, A. G. Kvirskadze, Fiz. tver. tela 9 no. 11 3264-3269 N '67.
- Magnetic field effect on absorption in gallium arsenide. R. V. Emlin and others, Fiz. i tekhn. poluprov. 1 no. 10 1453-1455 '67.
- Magnetic properties of metals. Solid solution of antimony in bismuth. B. I. Verkin, L. B. Kuz'micheva, I. V. Svecikarev, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 7 757-759 O '67.
- Magnetic resistance of n-Ge in the case of mixed scattering mechanism. A. L. Lipin, V. S. Litov, T. V. Smirnova, Fiz. tver. tela 9 no. 11 3339-3340 N '67.
- Magnetic susceptibility of Mg-Cd alloys. P. P. Kuz'menko, I. I. Kuz'ma, P. O. Suprunenko, Ukr. fiz. zhur. 12 no. 9 1496-1500 S '67.
- Magnetoresistance of molybdenum and tungsten (deviation from the Koler law). N. V. Volkenshtein, V. A. Novoslov, V. E. Starishev, Fiz. met. i metalloved. 24 no. 4 677-682 O '67.
- A method for studying nonregular wave guides with impedance conditions at the boundary. A. S. Il'inski, A. G. Sveshnikov, Dokl. AN SSSR 176 no. 2 255-258 S '67.
- Motion of oppositely charged particles in a magnetic field. A. G. Sveshnikov and others, Zhur. tekhn. fiz. 37 no. 12 2137-2146 D '67.
- Negative transverse magnetoresistance at low-temperature inelastic scattering on optical phonons. L. L. Korobitski, Fiz. i tekhn. poluprov. 1 no. 10 1593-1596 '67.
- Nonlinear ferromagnetic resonance theory. A. B. Petrovskii, Fiz. met. i metalloved. 24 no. 4 595-605 O '67.
- Observation of the transition semiconductor - metal in a magnetic field. N. B. Brandts, E. A. Sistova, R. G. Valeev, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 7 724-728 O '67.
- Paramagnetic resonance of Fe^{3+} in natrolite. V. A. Aisarkin, A. V. Frantsess, Fiz. tver. tela 9 no. 11 3352-3353 N '67.
- Paramagnetic resonance of minor acceptors in gallium arsenide. S. P. Fedotov, V. A. Presnov, V. K. Bazhenov, Fiz. tver. tela 9 no. 11 3332-3333 N '67.
- Permissible asymmetry and nonsolidarity of network voltage. K. A. Abdulrahmanov, Za tekhn. prog. 7 no. 8 12-14 Ag '67.
- Phase transition dielectric - metal in antiferromagnetic substances. L. N. Bulnevskii, D. I. Khomskii, Fiz. tver. tela 9 no. 11 3079-3078 N '67.
- Rate of propagation of short-period oscillations of the earth's electromagnetic field of the $\text{Pc}-1$ ("Pearls") type. L. N. Baranskii, L. A. Geller, B. N. Kazak, Dokl. AN SSSR 177 no. 1 85-87 N-D '67.
- Reduction of paramagnetic absorption in anthracene by the method of heating. K. I. Kononenko, E. A. Kostuk, Ukr. fiz. zhur. 12 no. 9 1440-1442 S '67.
- Rotation of the light polarization plane and the magnetic circular dichroism in the ferrimagnet RbNiF_3 . R. V. Plearev, I. G. Sinii, G. A. Smolenskii, Fiz. tver. tela 9 no. 11 3148-3156 N '67.
- Saturation of inhomogeneously broadened magnetic resonance lines in solids. O. P. Zhidkov, Fiz. tver. tela 9 no. 11 3229-3233 N '67.
- Screening of a magnetic compass. V. V. Velkhan, Trudy TSNIIIF 13 no. 83 88-92 '67.
- Self-focusing of axially symmetric bundle of waves. V. N. Gol'dberg, V. I. Talanov, R. E. Erm, Izv. vuzov, ucheb. zav., radiofiz. 10 no. 5 674-685 '67.
- Some problems in the theory of a.c. circuits with a leak. I. U. S. Kengerinskii, L. A. Gavenskii, Za tekhn. prog. 7 no. 8 4-6 Ag '67.
- Space oscillations of spin density and the nuclear magnetic resonance in RbCoF_3 . M. P. Petrov, G. M. Nedim, Fiz. tver. tela 9 no. 11 3246-3256 N '67.
- Speed of movements of a welding arc in magnetic fields. V. D. Taran, I. U. G. Gagen, Svar. prolav. no. 6 7-9 Jo '67.
- Spin-phonon interaction of paramagnetic ion nuclei. Sh. Sh. Bashkirtov, B. I. Kochelaev, E. K. Sadykov, Fiz. tver. tela 9 no. 11 3238-3245 N '67.
- Studying the antiferroelectric substances by means of millimeter waves. I. U. M. Poplavko, V. G. Tsykalov, Fiz. tver. tela 9 no. 11 3305-3310 N '67.
- Studying the magnetic properties of the solid solution system $\text{BiMnO}_3 - \text{CaMnO}_3$ in a 160 kilo-herst pulsed magnetic field. A. T. Starovaitov, Fiz. tver. tela 9 no. 11 3136-3140 N '67.
- Superconducting magnets. M. G. Kremlev, Usp. fiz. nauk 83 no. 4 675-701 D '67.
- Theory of the shape of electron paramagnetic resonance line in external constant and alternating magnetic field. M. D. Ginechuk, M. F. Deigen, G. V. Kozlov, Fiz. tver. tela 9 no. 11 3199-3204 N '67.
- Use of a superconducting solenoid for radical saturation studies. S. P. Hryshyn, O. I. Hryshyn, L. S. Lazareva, Ukr. fiz. zhur. 12 no. 9 1513-1515 S '67.
- Use of D. G. Vainshtein's method in solving problems in superhigh-frequency electronics. E. L. Kulikov, V. K. D'lin, Izv. vuzov, ucheb. zav. fiz. 10 no. 5 686-692 '67.
- Use of Macdonald integrals for the representation of electromagnetic fields generated by dipole sources in the presence of an ideally conducting half plane. A. A. Tuzhilin, Dif. urav. 3 no. 11 1971-1983 S '67.
- Using the method of electron paramagnetic resonance in studying coals and processes of their combustion. I. U. B. Tsiurundkov, L. G. Shumilov, I. V. Romodanov, Khim. tvori, topl. no. 5 61-69 '67.
- 539 PHYSICAL NATURE OF MATTER**
- Calculating the oscillator strength in the case of photon absorption up to the excitation limit. A. I. Bobrysheva, S. A. Moskalenko, M. I. Shumilov, Fiz. i tekhn. poluprov. 1 no. 10 1169-1177 '67.
- Capture of Van der Waals' free excitons by shallow centers in nonpolar crystals. M. A. Rudnik, A. I. Rudnik, Ukr. fiz. zhur. 12 no. 7 1217-1219 N '67.
- Effect of injection level on the excitation of an oscillator. I. M. Vekulin and others, Fiz. i tekhn. poluprov. 1 no. 10 1466-1468 '67.
- Form of bands of light absorption and reflection in molecular excitons. E. M. Kharaykov, Ukr. fiz. zhur. 12 no. 9 1507-1514 S '67.
- Mass-spectrometric study of oxygen sorption on the surface of tungsten. V. S. Aheikin, R. U. Kozlov, Ukr. fiz. zhur. 12 no. 9 1481-1486 S '67.
- On some problems related to the Brownian motion of Levy's type. G. M. Molchan, Teor. veroyatn. i statist. 12 no. 4 747-755 '67.
- Studying thermal stability of brittle materials. G. A. Gogotsi, Porosh. met. 7 no. 12 66-61 D '67.
- 539.1 NUCLEAR, ATOMIC AND MOLECULAR PHYSICS**
- Angular dependence of the brightness of spark tracks. T. L. Asatiani and others, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 6 684-687 S '67.
- Apparatus for studying the Mossbauer effect. A. B. Zhetbaev and others, Izv. AN Kazakh. SSR, Ser. fiz. mat. nauk no. 2 16-23 M-Ap '67.
- Attempt to estimate the magnitude of an effective charge in ZnS -wurtzite. V. A. Zhdanov, I. A. Zhdanov, Izv. vuzov, ucheb. zav., fiz. 10 no. 9 148-149 '67.
- Calculation of anisotropic superfine interaction of a paired electron with protons of a nonrelativistic group. G. M. Zhdanov, P. V. Schastliv, Ukr. fiz. zhur. 12 no. 4 537-541 N-Ag '67.
- Calculation of molecular orbitals of complex molecules. Part 1. Methods of programmed calculation of the elements of self-consistent field equations by the orbit LCAO method. N. M. Klimentov, I. I. Luts, M. E. Diatkina, Zhur. strukt. khim. 8 no. 5 950-951 S-O '67.
- Calculation of spin densities in benzyl and cyclohexadienyl radicals allowing for the dependence of the constants of bonds on the order of bonds. P. V. Schastliv, Zhidomirov, Teor. i eksp. khim. 3 no. 4 541-544 S, Ag '67.
- Calculation of the electronic structure of methyl radicals in the approximation of I. U. N. Polovov, Fiz. i tekhn. poluprov. 1 no. 4 516-519 N-Ag '67.
- Davydov, A. S. [Collective excitation of even atoms nuclei] Kollektivnoye vozбудzheniye chetnykh atomov yadler. Kiev, UkrNIINTI, 1967, 90 p.
- Distribution of spin density in the complex compounds iron group and its effect on the rate of processes involving unpaired electrons. V. V. Voevodskii, I. I. Molin, K. I. Zamarayev, Zhur. strukt. khim. 8 no. 5 864-874 S-O '67.
- Effect of molecular motions on the anisotropy of g-factor in solids. I. U. S. Karimov, V. B. Strilukov, I. I. Luts, Izv. Tsekh. khim. 3 no. 4 557-560 N-Ag '67.
- Effect of X-ray irradiation on the adaptive function of "soluble" RNA in Azotobacter. G. P. Mironovskiy, G. N. Zaitseva, Dokl. AN SSSR 176 no. 2 463-466 S '67.
- Elastic scattering of 1.5 Mev. neutrons on nuclei of mean atomic weight. I. O. Korsh and others, Ukr. fiz. zhur. 12 no. 9 1567-1569 S '67.
- Energy levels of some macromolecules with the system of conjugate double and triple bonds. D. A. Bochar, I. V. Stankevich, Zhur. strukt. khim. 8 no. 5 943-944 S-O '67.
- Energy of electrons detached from negative ions I^- , Br^- , and Cl^- during collisions with inert gas atoms. I. U. E. Hydin, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 9 857-861 N '67.
- Energy status of defects, stability and disruption of ionic structures. A. A. Vorob'ev, Izv. vuzov, ucheb. zav., fiz. 10 no. 10 39-52 '67.
- Excitation of inert gases at electron - atom collisions. Part 4. Krypton. F. V. Fel'san, Ukr. fiz. zhur. 12 no. 9 1424-1428 S '67.
- Gas laser operating on multicharged ions. B. M. Smirnov, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 3 585-587 Ag '67.

- 539.1 (Continued)
- Instability of spin waves in antiferromagnetic substances with the "lightweight axis" anisotropy. Linear approximation. I. M. Akhmediev, *Fiz. tver. tela* 9 no. 11 3323-3331 N '67
- Intensification of spin waves in ferroelectric substances by a beam of charged particles with arbitrary density of the beam, Z. Z. Makhmudov, *Ukr. fiz. zhur.* 12 no. 7: 1193-1197 J '67
- Interaction between the gas ions and metal surface, D. V. Filippov, *Vestn. nauch. gaz.* no. 3 110-123 '67
- Interaction of impurity tin in matrices of nontransition metals, V. V. Chelkin, A. P. Vinnikov, V. I. Afanas'ev, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 7 713-745 O '67
- Interaction of slow positrons with H^+ ions in alkali metal hydrides, A. V. Ivanova, E. P. Prokop'ev, *Teor. i eksp. khim.* 3 no. 4 471-177 JI-Ag '67
- Low-energy irradiation of Ge single crystals by He^+ and Xe^+ ions of inert gases, V. D. Tishchenko, *Fiz. i tekhn. poluprov.* 1 no. 10 1577-1579 '67
- New type of spin ordering in hexagonal ferrite ($Fe_2Ba_2Zn_2Fe_{12}O_{22}$), V. A. Sizov, R. A. Sizov, I. I. Izmailov, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 6 590-652 S '67
- Nuclear reactions in tellurium sulfide, E. K. Garling and others, *Geokhimiya* no. 9 1030-1048 S '67
- On the divergence of currents, L. Enkova and others, *Dokl. AN SSSR* 176 no. 2 298-300 S '67
- Origin of forbidden transitions $1D_2 \rightarrow 3P_2$ in oxygen, L. I. Gichikhin, *Geomag. i aer.* 6 no. 5 889-893 S-O '66
- Polarization properties of particles in opposing lepton beams, I. I. Romanov, *Izv. vys. ucheb. zav., fiz.* 10 no. 9 44-48 '67
- Possibility of generation and reception of gravitational rays, V. R. Nagibarov, U. Kh. Kopvillem, *Izv. vys. ucheb. zav., fiz.* 10 no. 9 66-72 '67
- Radio-frequency size effect in molybdenum, V. V. Boiko, V. A. Gasparov, I. G. Gvedisteli, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 7 737-741 O '67
- Relation between the antisymmetrical exchange interaction and multiplicity change, S. V. Vonosovskii, M. S. Svirskii, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 6 597-700 S '67
- Resonance charge exchange in $H^+ + H$ collisions, R. K. Anev, *Vest. LGU* 22 no. 22 61-63 N '67
- Restoration of the potential by the nuclear-coulomb scattering phases, I. U. L. Mentkovskiy, *Ukr. fiz. zhur.* 12 no. 9 1435-1439 S '67
- Saturation of inhomogeneously broadened magnetic resonance lines in solids, O. P. Zhidkov, *Fiz. tver. tela* 9 no. 11 3229-3233 N '67
- Scattering of conduction electrons on an admixture with a spin, S. L. Ginzburg, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 7 766-768 O '67
- Scattering of local initial perturbations in a perfect lattice, A. N. Luzin, *Izv. vys. ucheb. zav., fiz.* 10 no. 9 150-160 '67
- Space oscillations of spin density and the nuclear magnetic resonance in $RbCoF_3$, M. P. Petrov, G. M. Nedlin, *Fiz. tver. tela* 9 no. 11 3246-3250 N '67
- Spin-phonon interaction of paramagnetic ion nuclei, Sh. Sh. Bashkurov, B. I. Kochelav, E. K. Sadykov, *Fiz. tver. tela* 9 no. 11 3238-3245 N '67
- Statistical errors occurring when measuring the resolution of a scintillation counter by means of an amplitude pulse analyzer, I. U. A. Tsyrlin and others, *Ukr. fiz. zhur.* 12 no. 9 1562-1565 S '67
- Steric and temporary dislocation of electrons in molecular systems and the conjugation concept in chemistry, L. A. Blumensfel'd and others, *Zhur. strukt. khim.* 8 no. 5 554-563 S-O '67
- Study of exchange reactions in phenylmercury compounds by means of nuclear magnetic resonance, L. A. Fedorov and others, *Teor. i eksp. khim.* 3 no. 4 550-553 JI-Ag '67
- Study of pentachlorophenyl derivatives of mercury by means of nuclear quadrupole resonance of Cl^{35} , V. I. Bregadze and others, *Teor. i eksp. khim.* 3 no. 4 547-550 JI-Ag '67
- Study of the process $e^+ + p \rightarrow \mu^+ + \gamma$ in nonlocal theory allowing for particle polarization, A. I. Mukhtarov, I. M. Nadzhimov, S. K. Abdullaev, *Izv. vys. ucheb. zav., fiz.* 10 no. 10 127-131 '67
- Surface properties of silicon after irradiation by mean energy ions, P. V. Pavlov, I. U. S. Popov, *Fiz. tver. tela* 9 no. 11 3082-3088 N '67
- System of integral equations for partial distribution functions, E. A. Arinshtein, D. M. Gitman, *Izv. vys. ucheb. zav., fiz.* 10 no. 9 110-113 '67
- Works of Soviet scientists on the application of Gamma resonance spectroscopy in structural chemistry, V. I. Gol'danskii, R. A. Stukin, *Zhur. strukt. khim.* 8 no. 5 575-590 S-O '67
- 539.107 APPARATUS, INSTRUMENTS FOR NUCLEAR, ATOMIC, MOLECULAR RESEARCH
- Analysis of some characteristics of high-energy interactions, M. I. Alibekov and others, *Izv. AN Kazakh. SSR, Ser. fiz., -mat. nauk* no. 2:85-89 Mr-Ap '67
- The transmitted 4-x pulse in interactions at 400 GeV, I. U. A. Erements and others, *Izv. AN Kazakh. SSR, Ser. fiz., -mat. nauk* no. 2:82-84 Mr-Ap '67
- 539.12 ELEMENTARY AND SIMPLE PARTICLES
- Absorption and scattering of light by excess electrons in liquid helium, I. A. Fomin, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 6 715-718 S '67
- Absorption edge of germanium irradiated by fast electrons, A. B. Gerasimov, A. A. Rogachev, G. L. Eristavi, *Fiz. i tekhn. poluprov.* 1 no. 10 1582-1581 '67
- Afonin, A. A., and V. N. Starikov, [Particles, fields, quanta] Chastitsy, polia, kvanty Alma-Ata, "Kazakhstan," 1967 127 p
- Analysis of elastic deuteron scattering by nuclei allowing for the tensor spin-orbital interaction, E. B. L'ovshyn, *Ukr. fiz. zhur.* 12 no. 7: 1125-1137 J '67
- Calculating the reflection of fast electrons, V. O. Romanovskiy, *Ukr. fiz. zhur.* 12 no. 9 1557-1555 S '67
- Calculation of the width of $P \rightarrow 2\gamma$ decay from dispersion sum rules, G. M. Radutskiy, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 10 911-913 N '67
- Channeling of α -particles in beryllium oxide, R. I. Garber, A. I. Fedorenko, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 9 851-854 N '67
- Coherent interaction between π -mesons and emulsion nuclei at an energy of 17 Bev, A. Kh. Vinit'skiy and others, *Izv. AN Kazakh. SSR, Ser. fiz., -mat. nauk* no. 2: 80-93 Mr-Ap '67
- Consequences of unitary symmetry for reactions with three particles at finite state, V. A. Lul'ka, *Ukr. fiz. zhur.* 12 no. 7: 1183-1185 JI '67
- Cosmological constant and the elementary particles, I. A. Zel'dovich, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 9 883-884 N '67
- Determination of π -meson scattering lengths from the analysis of experimental data on $K \rightarrow 3\pi$ decay, V. V. Anisovich, L. G. Dakhno, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 10 907-911 N '67
- Determining the linear electron density in meteor trails, A. R. Kolomoiets, *Geomag. i aer.* 6 no. 5 943-944 S-O '66
- Determining the rate of surface recombination of the base of alloyed germanium diodes, V. I. Gaman, V. M. Kalygina, *Izv. vys. ucheb. zav., fiz.* 10 no. 10 132-136 '67
- Determining the yield of electron radiative capture by the activating recombination centers in CdSe, G. L. Bel'mukli and others, *Fiz. tver. tela* 9 no. 11 3337-3338 N '67
- Differential thickness curves of inelastically scattered electrons from a two-layered target beryllium-gold, M. I. Nakhodkin, P. V. Mol'nyk, O. I. Belizarov, *Ukr. fiz. zhur.* 12 no. 7: 1138-1143 JI '67
- Effect of condition parameters of electron beam welding on the effective capacity of the source, A. F. Khidyshchev, *Fiz. i khim. obr. mat.* 4 no. 71-75 JI-Ag '67
- Elastic π^+p -scattering at a 90° angle and the contribution of the Regge Δ - trajectory in an s-channel, R. G. Betman, L. V. Laperashvili, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 6 707-712 S '67
- Elastic scattering of 1.5 Mev. neutrons on nuclei of mean atomic weight, I. O. Korzh and others, *Ukr. fiz. zhur.* 12 no. 9 1567-1569 S '67
- Energy of electrons detached from negative ions $I^-, Br^-,$ and Cl^- during collisions with inert gas atoms, I. U. F. Bydin, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 9 857-861 N '67
- Experimental study of nonstationary conditions of electron beam heating, I. U. A. Kurapov, B. A. Movchan, *Fiz. i khim. obr. mat.* 4 no. 76-80 JI-Ag '67
- Fast electrons and X-radiation at the initial stage of an impulsive spark discharge in the air, I. U. L. Stankevich, V. G. Kalinin, *Dokl. AN SSSR* 177 no. 1 72-73 N-D '67
- Group classification of light particles, D. D. Ivanenko and others, *Izv. vys. ucheb. zav., fiz.* 10 no. 9 49-53 '67
- Immovable singularity of the scattering amplitude of strongly interacting particles in the case of a vanishing field coupling constant, I. U. M. Lomazov, S. S. Tokar, *Ukr. fiz. zhur.* 12 no. 7: 1121-1123 JI '67
- Induced radiation in an inhomogeneous magnetic field, D. V. Gal'tsov and others, *Izv. vys. ucheb. zav., radiofiz.* 10 no. 5 734-736 '67
- Interaction of an electron stream with materials, V. K. Popov, *Fiz. i khim. obr. mat.* 4 no. 11-24 JI-Ag '67
- Kinetics of the variation in cation distribution in magnetite-manganese ferrites, S. S. Gorelik, B. E. Levin, L. M. Letiuk, *Izv. vys. ucheb. zav., fiz.* 10 no. 10 147-153 '67
- Liquid xenon luminescence ignitable by α -particles in an electric field, B. A. Dolgoshin, V. N. Lebedenko, B. U. Rodionov, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 7 755-757 O '67
- Motion of oppositely charged particles in a magnetic field, A. G. Sveshnikov and others, *Zhur. tekhn. fiz.* 37 no. 12: 2137-2148 D '67
- Nature of the longwave parts of the $L_{\beta 2}$ and $L_{\gamma 1}$ emission bands of niobium and zirconium and the character of local bonds in nitrides, carbides, and borides of these elements, M. I. Korsunskii, I. A. E. Genkin, *Izv. AN Kazakh. SSR, Ser. fiz., -mat. nauk* no. 2:77-81 Mr-Ap '67
- Neutron generator with high intensity of the neutron stream, V. M. Romanenko, S. P. Sytko, V. I. Stryzhak, *Ukr. fiz. zhur.* 12 no. 9: 1569-1572 S '67
- Penetration of mean energy electrons into solids, L. A. Smirnov, M. A. Rumsh, *Fiz. tver. tela* 9 no. 11 3361-3362 N '67
- Phonon drag in bismuth, M. E. Kuznetsov, S. S. Shal'nyi, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 7: 745-748 O '67
- Photoproduction of π -mesons and K-mesons on nucleons and a quark model of elementary particles, M. P. Rekalov, *Ukr. fiz. zhur.* 12 no. 9: 1572-1573 S '67
- Photoproduction of pseudoscalar mesons by nucleons at high energies and the Regge poles, M. P. Rekalov, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 10 913-916 N '67
- Polarization properties of particles in opposing lepton beams, I. I. Romanov, *Izv. vys. ucheb. zav., fiz.* 10 no. 9 41-48 '67
- Possible method of searching for resonances when there is incomplete identification of interaction, A. N. Bysina and others, *Izv. AN Kazakh. SSR, Ser. fiz., -mat. nauk* no. 2 9-17 Mr-Ap '67
- Present state and prospects for the expansion of the electron beam method of micromachining, A. N. Kabanov, *Fiz. i khim. obr. mat.* 4 no. 25-33 JI-Ag '67
- Prókof'ev, P. T., and others, [Atlas of spectra of conversion electrons emitted in the capture of thermal neutrons by nuclei with A between 143 and 197, and the scheme of radiative transitions] Atlas spektrov konversionnykh elektronov, ispuskaemykh pri zakhvate teplovykh neutronov iadami s A 143 - 197, i skhemy radiatsionnykh perekhodov Riga, Zinatne, 1967 129 p
- Proton-1 and proton-2 in cosmic-ray research, I. U. N. Smirnov, *Priroda* no. 11 116-117 N '67
- Real part of the amplitude of elastic $n-p$ scattering in the region of Coulomb interference at 3.48 GeV/s and 6.13 GeV/s, A. A. Nomoflov and others, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 3 516-550 Ag '67
- Shelest, V. P., [Finding the renormalized axial constant with the aid of a relativistic invariant equation for the component particles] Nakhodzenie renormalizatsionnoi aksial'noi konstanty s pomoshch'yu reditsivirovannogo invariantnogo uravneniya dlia sostavnykh chastits Kiev, 1967 9 p
- Some problems concerning the geometry of slow electron diffraction patterns, V. F. Dvorjankin, A. U. Mitagin, *Kristallografiya* 12 no. 6: 866-970 N-D '67
- Some properties of titanium-magnesium and titanium-beryllium oxide energy absorbers of superhigh-frequency vibrations and the effect of electron bombardment on their substance, H. S. Mykhailov, L. O. Lysova, O. M. Akymovych, *Ukr. fiz. zhur.* 12 no. 9: 1414-1423 S '67
- Stripping of dissipative effects in the case of inelastic scattering in multivalley semiconductors, J. Vosilus, I. B. Levinson, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 9 854-857 N '67
- Thermal resistance of a degenerated electron gas caused by interelectron interaction, L. L. Koronblit, *Fiz. i tekhn. poluprov.* 1 no. 10 1566-1568 '67
- Tripling of the frequency of an electromagnetic wave in a hot electron gas in semiconductors, G. G. Sergeev, *Izv. vys. ucheb. zav., radiofiz.* 10 no. 5 649-653 '67
- Verification of Bjorken's asymptotic formula in the perturbation theory, A. I. Vainshtein, B. L. Ioffe, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 10 917-919 N '67
- Violation of CP-invariance in K^0 -meson decay and non-equivalent representations in quantum field theory, A. A. Grib, *Vest. LGU* 22 no. 22 50-56 N '67
- 539.14 NUCLEI FORCES, MODELS, ETC.
- Diffraction generation of particles by protons on the nuclei of a photoemulsion in a pulsed magnetic field, G. B. Zhidkov, M. I. Tsel'vakova, M. M. Chernyavskii, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 3 558-562 Ag '67
- Study on the fluctuation model of He^4 emergence in nuclear fragmentation, K. A. Toktarov, *Izv. AN Kazakh. SSR, Ser. fiz., -mat. nauk* no. 2:3-8 Mr-Ap '67
- 539.16 RADIOACTIVITY AND DECAY
- Agranovskii, V. A., [The capture of the one hundred and fourth] Viatie sto chetvertogo. Moskva, Znanie, 1967. 106 p (Prochiti, tovarishchi!)
- Angular anisotropy of gamma-quanta and the kinetic energy of fission fragments, O. I. Ivanov, I. U. A. Kushnir, G. N. Smirnov, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 10: 898-901 N '67
- Calculation of the width of $P \rightarrow 2\gamma$ decay from dispersion sum rules, G. M. Radutskiy, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 10 911-913 N '67
- Discovery of radioactivity and the first radioactive elements on the 100th anniversary of the birth of Marie Sklodowska-Curie, *Atom. energ.* 23 no. 5: 457-460 N '67
- Self-protecting gamma-ray units, D. A. Kaushanskii, *Atom. energ.* 23 no. 5: 475-477 N '67
- 539.17 NUCLEAR REACTIONS
- Angular anisotropy of gamma-quanta and the kinetic energy of fission fragments, O. I. Ivanov, I. U. A. Kushnir, G. N. Smirnov, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 10: 898-901 N '67
- Characteristics of the amplitude of two-part nuclear reactions, E. I. Dubovoy, *Pis'ma v red. Zhur. eksp. i teor. fiz.* 6 no. 7: 777-780 O '67
- Coherent interaction between π -mesons and emulsion nuclei at an energy of 17 Bev, A. Kh. Vinit'skiy and others, *Izv. AN Kazakh. SSR, Ser. fiz., -mat. nauk* no. 2: 80-93 Mr-Ap '67
- Consequences of unitary symmetry for reactions with three particles at finite state, V. A. Lul'ka, *Ukr. fiz. zhur.* 12 no. 7: 1183-1185 JI '67

- no. 11 1350-1360 N '67.
- Interference effects in collision processes of complex nuclei. F. I. Dalidchik. Pis'ma v Zhur. eksp. i teo. fiz. 6 no. 3 562-565 Ag '67.
- Kinetic energy of fission fragments. P. A. Cherdantsev, V. T. Marshalkin. Izv. vys. ucheb. zav., fiz. 10 no. 9 34-39 '67.
- Oriented anisotropy of the tracks of fission fragments of uranium nuclei in LiF single crystals. I. E. Geguzin, I. G. Barzina, L. V. Vorob'eva. Fiz. tver. tela 9 no. 11 3350-3352 N '67.
- Possibilities of using underground nuclear explosions for increasing gas and oil recovery of fields and intensifying their development. O. L. Kedrovskii, K. I. Mangushev. Geol. nefi i gaza 11 no. 12-12-16 D '67.
- Proton magnetic resonance in heulandite. B. M. Mosseev, L. M. Fedosov, M. V. Petrovich. Izv. AN SSSR Khim. mat. 3 no. 10 1921-1927 O '67.
- Study of the process $e + e + \mu + \mu + \gamma$ in nonlocal theory allowing for particle polarization. A. I. Mukhitov, I. M. Nadzhafov, S. K. Abulbaev. Izv. vys. ucheb. zav., fiz. 10 no. 10 127-131 '67.
- 539 18 PHYSICS OF SINGLE ATOMS**
- A demonstration device for the subject "The structure of the atom." G. S. Tavkin. Vech. sred. shkola, 10 no. 6: 88 N-D '67.
- Possibility of generation of vacuum ultraviolet in the case of electron excitation of noble atom crystals. A. G. Volechizov, I. A. Poluektov, I. U. M. Popov. Fiz. tver. tela 9 no. 11 3363-3364 N '67.
- Study of binding energy. G. K. Pogonets. Vech. sred. shkola, 10 no. 6: 43-44 N-D '67.
- 539 19 PHYSICS OF SINGLE MOLECULES**
- Extinguishing anticathode luminescence by a magnetic field. F. L. Frantsevich, B. M. Rumyantsev. Pis'ma v Zhur. eksp. i teo. fiz. 6 no. 3 553-556 Ag '67.
- Oscillations of liquid molecules and a continuous spectrum near the Rayleigh line. A. I. Porvin. Izv. vys. ucheb. zav., fiz. 10 no. 9 7-11 '67.
- 539 2 PROPERTIES AND STRUCTURE OF MOLECULAR AND MACROMOLECULAR SYSTEMS**
- Algorithm for calculating the electronic structure of molecules by the expanded Hückel method. G. I. Kagan, G. M. Kagan, I. N. Rindzler. Teor. i eksp. khim. 3 no. 4 444-450 Ji-Ag '67.
- Effect of plastic deformation on the temperature dependence of magnetic properties of silicon iron. D. D. Mishin, V. G. Pleshchey. Izv. vys. ucheb. zav.; fiz. 10 no. 9 147-149 '67.
- Effect of the temperature of calcination in a vacuum on the texture and dispersibility of titania. A. A. Ishtikhan, I. A. Karmenko. Lakotras. mat. i khim. prim. 4 no. 28: 30 '67.
- Electron diffraction study of the structure of molecules in the gas phase. L. V. Vil'kov, N. G. Rumbid, P. P. Spiridonov. Zhur. strukt. khim. 8 no. 5 786-812 S-O '67.
- Graphical-analytical method of calculation of the diffusion coefficients in porous sorbents from the sorption rate. V. I. Nazarov, P. M. Haiyeh. Dop. AN URSS, Sci. B 29 no. 11 1010-1012 N '67.
- Heat conductivity and water structure. I. S. Adrianova, O. I. Samoilov, I. Z. Fisher. Zhur. strukt. khim. 8 no. 5 813-816 S-O '67.
- Ionization energy of a screened hydrogenlike impurity center in a semiconductor. I. A. Rozneritsa, I. A. Matronitskii. Izv. vys. ucheb. zav., fiz. 10 no. 9 134-136 '67.
- Mean internal potential of a lattice of some semiconductor compounds and elementary semiconductors. R. I. Anishechenko, A. N. Gerasimov. Izv. vys. ucheb. zav., fiz. 10 no. 9 136-138 '67.
- Röntgenographic analysis of sillimanite, andalusite, and cyanite samples of various types of treatment. I. M. Kolesnikov, G. M. Panchenko, V. A. Sokolov. Trudy MINKHIMP no. 69 52-60 '67.
- Single crystal layers of germanium and silicon obtained from pyrolysis of hydrides. T. A. Zeveke, L. N. Kornev, V. A. Tolomaeov. Kristallografiya 12 no. 6 1058-1061 N-D '67.
- Study of electron junctions in semiconductors. V. G. Alekseeva, I. U. V. Gullacv, I. A. E. Pokrovskii. Radiotekhnika i elektronika, 12 no. 11 2077-2080 N '67.
- Theory of ordering ternary alloys with a body-centered cubic lattice and three types of points. Part I. V. P. Fadin and others. Izv. vys. ucheb. zav., fiz. 10 no. 9 25-33 '67.
- Thin-film diodes on the base of chalcogenide glasses. V. I. Gaman, V. D. Barasov. Izv. vys. ucheb. zav., fiz. 10 no. 9 80-85 '67.
- 539 23 DEPOSITION OF THIN FILMS**
- Elements of structure and substructure in condensed polycrystalline films. M. I. Fuks and others. Fiz. tver. tela 9 no. 11 3273-3278 N '67.
- Ferromagnetic resonance in thin ferromagnetic films. V. M. Sokolov. Fiz. tver. tela 9 no. 11 3357-3358 N '67.
- V. B. Logvinov. Izv. vys. ucheb. zav., av. tekhn. 10 no. 3 128-131 '67.
- Buckling under a concentrated force in shells of positive curvature. G. N. Chernyshev. Prikl. mat. i mekh. 31 no. 5 883-886 S-O '67.
- Case of artificial twinning in synthetic quartz crystals. V. T. Ushakovskii and others. Kristallografiya 12 no. 6 1057-1058 N-D '67.
- Case of extended similitude of solid deformable bodies approaching simple similitude. A. G. Nazaev. Dokl. AN Arm SSR 45 no. 3 107-109 '67.
- Center of flexure of chains. V. N. Ushkevich. Trudy LPI no. 285 71-79 '67.
- Certain characteristics of Young's modulus anomaly of invar-type Fe-Ni-Ti alloys. V. M. Tseitlin. Fiz. met. i metalloved. 24 no. 4 727-731 O '67.
- Computation of the elastic constants of quasi-isotropic polycrystalline materials. K. S. Aleksandrov. Dokl. AN SSSR 176 no. 2 295-297 S '67.
- Conditions of stability of the work-hardened state of the Fe-Ni alloy. M. G. Gaidukov, K. A. Malyshev, V. A. Pavlov. Fiz. met. i metalloved. 24 no. 4 737-743 O '67.
- Contact problems in creep theory. N. Kh. Arutunian. Prikl. mat. i mekh. 31 no. 5 897-906 S-O '67.
- Deformation characteristics of rubber-metal valves. G. M. Batenev, Z. D. Oskov, V. S. Turovskii. Kauch i rez. 26 no. 12 29-34 '67.
- Deformation theories of plasticity for the case of singular loading surfaces. D. D. Ivlev. Prikl. mat. i mekh. 31 no. 5 887-889 S-O '67.
- Deformations occurring as a result of reflections, refractions and interferences of stress waves. E. N. Pogrebnik, K. M. Zhai. Izv. vys. ucheb. zav., Chern. met. 10 no. 125-129 '67.
- Development of a dislocation structure in the surface layers of metals under certain types of loads. B. I. Kostetskiy, V. V. Shevella. Dokl. AN SSSR 176 no. 1 70-72 S-O '67.
- Dislocations, antiphase boundaries, and plastic deformations in ordered alloys. F. V. Kozlov, L. E. Popov. Izv. vys. ucheb. zav., fiz. 10 no. 10 102-111 '67.
- Effect of the scale factor on the breakdown time under creep conditions of Kh18Ni9Ti steel pipes at a temperature of 1123°K. V. D. Kurov, G. P. Melnikov, V. D. Tokarev. Mashinovedenie no. 6 107-109 N-D '67.
- Elastic constants of higher orders of cubic crystals. A. A. Naz'man. Kristallografiya 12 no. 6 1006-1011 N-D '67.
- Elastic constants of molecular crystals. Part 3. Temperature dependence of the naphthalene elasticity tensor. V. F. Teslenko. Kristallografiya 12 no. 6 1082-1084 N-D '67.
- Elasticity modulus of hard alloys. M. G. Loshak, L. I. Aleksandrov. Porosh. met. 7 no. 12 74-77 D '67.
- An elastoplastic contact problem for plates. L. A. Galin, G. P. Cherepanov. Dokl. AN SSSR 177 no. 1 56-58 N-D '67.
- Energy characteristics of the slow failure of titanium alloys. V. N. Meshcheryakov, M. Kh. Shorshorov. Fiz. i obr. mat. no. 4 108-116 Ji-Ag '67.
- Equipment for determining metal deformations and the temperature of crack forming in welds. D. M. Iabkin, V. G. Ignat'ev. Avtom. svar. 20 no. 7 78-79 Ji '67.
- First boundary value problems for the differential equation describing the elastic equilibrium of a spherical shell. M. A. Ismailov. Dokl. AN Tadzh. SSR 10 no. 9 7-11 '67.
- Fundamental properties of a system of uniform solutions. I. I. Vorovich, V. E. Koval'chuk. Prikl. mat. i mekh. 31 no. 5 861-869 S-O '67.
- High-frequency vibrations in a thin elastic layer of variable thickness. I. A. Molodkov, D. K. Ozerov. Prikl. mat. i mekh. 31 no. 5 907-910 S-O '67.
- Internal stresses in a medium with a microstructure. I. A. Kunin. Prikl. mat. i mekh. 31 no. 5 888-896 S-O '67.
- Mechanism underlying high-temperature creep of metals with high-energy packing defects. V. A. Ivanushkevich, L. I. Ivanov. Dokl. AN SSSR 176 no. 2 312-314 S '67.
- Physicomaterial properties of certain high-alloy steels and connection between these properties and cutting conditions. A. I. Antonov. Trudy LPI no. 284 69-75 '67.
- Plastic deformation of ammonia single crystals. A. I. Prokhorov. Fiz. tver. tela 9 no. 11 3318-3322 N '67.
- Problem dealing with the transverse vibrations of a viscoelastic rod. S. I. Gaiduk. Dif. urav. 3 no. 6 1518-1536 S '67.
- Rolling of elastic bodies. V. I. Mossakovskii, I. I. Mischevskii. Prikl. mat. i mekh. 31 no. 5 879-876 S-O '67.
- Self-similar problem bearing on impact loading of nonlinearly elastic material. E. M. Chernykh. Prikl. mat. i mekh. 31 no. 5 877-882 S-O '67.
- Stress distribution in the vicinity of a local contact of elastic bodies under simultaneous action of normal and tangential stresses in the contact. M. V. Korovchinskii. Mashinovedenie no. 6 85-99 N-D '67.
- Theory of plasticity and development in the U. S. S. R. of progressive methods of metal working by pressure during the last 50 years. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 44-49 '67.
- Using preliminary heating for building converter casings. A. E. Asnis and others. Avtom. svar. 20 no. 7 47-49 Ji '67.
- Krauklis. Prikl. mat. i mekh. 31 no. 5 910-915 S-O '67.
- Welding ceramic materials with metals. I. I. Mergel', A. A. Makarkin, M. A. Pavlova. Svar. proizv. no. 10-12 Je '67.
- 539 4 STRENGTH RESISTANCE**
- Buckling under a concentrated force in shells of positive curvature. G. N. Chernyshev. Prikl. mat. i mekh. 31 no. 5 881-886 S-O '67.
- Calculating butt joints of thin-walled structures. G. I. Abramova. Izv. vys. ucheb. zav., av. tekhn. 10 no. 1 125-127 '67.
- Calculating the belt and performance cable belt conveyor. I. U. S. Pukhov. Nauch. trudy KNIIT no. 12 36-42 '65.
- Calculating thermal deformations of sun face gratings and their effect on the accuracy of grinding. V. A. Skiragan, K. P. Monorandzhan. Trudy LPI no. 284 20-27 '67.
- Calculating welding stresses and deformations with use of an electronic computer. E. A. Vel'poltsev, V. I. Makhnenko. Fiz. i khim. obr. mat. no. 4 87-101 Ji-Ag '67.
- Contact problems in creep theory. N. Kh. Arutunian. Prikl. mat. i mekh. 31 no. 5 897-906 S-O '67.
- Contact stresses and deformation for cases during the bending of spiral part sections. V. V. Lapin. Trudy LPI no. 287 37-46 '67.
- Deformation of anisotropic materials with hardening. K. N. Bogolayevskii, A. K. Grigor'ev, V. V. Risa. Trudy LPI no. 287 23-26 '67.
- Deformation of inorganic glass by microdeformation. G. M. Bartenev, D. S. Sanditov. Dokl. AN SSSR 176 no. 1 66-69 S-O '67.
- Deformation theories of plasticity for the case of singular loading surfaces. D. D. Ivlev. Prikl. mat. i mekh. 31 no. 5 887-889 S-O '67.
- Deformations of brittle porous materials in pressure vessels. I. I. Cherkasov, Kh. Ruzgimov. Dokl. AN SSSR 176 no. 1 73-75 S-O '67.
- Determining the temperature field in cross section of air-cooled blade. A. G. Zernikov. Izv. vys. ucheb. zav., tekhn. 10 no. 3 52-60 '67.
- Determining traction power of scraper conveyors and their traction members. B. A. Strekachinskii, G. I. Solod. Nauch. trudy KNIIT no. 17 83-90 '65.
- Diffusion effects on friction surfaces and their resistance to wear. M. P. Kudrina, I. U. I. Kogut, K. V. Svirskii. Izv. vys. ucheb. zav., fiz. 10 no. 10 151 '67.
- Dislocations, antiphase boundaries, and plastic deformations in ordered alloys. F. V. Kozlov, L. E. Popov. Izv. vys. ucheb. zav., fiz. 10 no. 10 102-111 '67.
- Effect of alloying on the temperature dependence of hardness and the dislocation structure of semiconducting single crystals. M. G. Mil'vidskii, V. B. Ovcenokh, O. G. Stofiarov. Kristallografiya 12 no. 6 1039-1043 N-D '67.
- Effect of deformation on the relaxation resistance of materials. G. P. Lepin, E. A. Nikiforov, A. P. Tikhonov. Fiz. i khim. obr. mat. no. 4 119-126 Ji-Ag '67.
- Effect of electron- and gamma-irradiation on the photo hardness of germanium. V. V. Kholodovskii, I. I. Edel'man, L. S. Smirnov. Kristallografiya 12 no. 6 1085-1086 N-D '67.
- Effect of heat treatment on the relaxation resistance of austenitic steels. L. N. Slakhova, A. M. Bozdokya. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 145-148 '67.
- Effect of high-temperature thermomechanical treatment by forging on the structure and heat resistance of the El617 alloy. I. I. Kaplin and others. Fiz. i khim. obr. mat. no. 4 126-133 Ji-Ag '67.
- Effect of plastic deformation by bending and extension with subsequent annealing on specific losses of cold rolled transformer steel. R. B. Geismann, V. F. Loshinov. Teor. i prak. met. no. 8 174-176 '66.
- Effect of the forging reduction ratio on the anisotropy of the properties of large steel forging. M. P. Braun, B. B. Vinokur. Fiz. i khim. obr. mat. no. 4 134 140 Ji-Ag '67.
- Efficiency and vibration strength of welded joints in the blocks of diesel locomotives. L. D. Veratnik and others. Avtom. svar. 20 no. 7 53-56 Ji '67.
- Fatigue resistance of AMg61 aluminum alloys. M. M. Gokhbeig, I. U. L. Devetnikov. Trudy LPI no. 285 32-38 '67.
- Fatigue strength of joints in metal structures made of the AMg61 aluminum alloy. I. U. L. Devetnikov. Trudy LPI no. 285 80-84 '67.
- Fatigue strength of welded crankshafts on large-sized diesel motors. N. M. Savina, P. I. Kudrinskii, I. B. Meerovich. Svar. proizv. no. 6 21-26 Je '67.
- Flame stabilization conditions in combustion chambers of the second circuit of a two-circuit turbojet engine. A. V. Talantov, V. N. Gruzdev. Izv. vys. ucheb. zav., tekhn. 10 no. 3 83-88 '67.
- Microhardness of LiF at various temperatures. G. Upis, S. A. Varchenia, L. G. Pavlovskaya. Kristallografiya 12 no. 6 1084-1085 N-D '67.
- Oil spray as a new hardening medium. N. V. Zimon. Metalloved. i term. obr. met. no. 11 62-68 N '67.
- Properties of metals under hydrostatic compression. D. M. Mekhonosova, M. L. Konissarova, S. D. Volkov. Fiz. met. i metalloved. 24 no. 4 732-736 O '67.
- Strength calculations of working rolls on four-high hot rolling mills. V. A. Tiagunov, E. T. Matykh, I. U. V. Denisov. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 183-187 '67.

- 539.4 (Continued)
- Studying the wear resistance of thin layer polymer coatings in machine slide joints. S. I. Vinogradov, V. P. Semenov. *Trudy LPI* no. 265 20-26 '67.
- Susceptibility of low-carbon steel welded joints to stress concentration during cyclic stresses. N. A. Klykov, A. G. Shaikov, *Avtom. svar.* 20 no. 7 43-46 JI '67.
- Using digital computers to study the deformation of bodies of circular cross section in diamond-shaped dies. V. S. Smirnov, B. K. Bobylev, A. K. Grigor'ev. *Trudy LPI* no. 287 24-36 '67.
- 539.5 MATERIAL PROPERTIES INFLUENCING DEFORMABILITY
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- Deformability of sintered glass-metal materials. A. F. Belov and others. *Porosh. met.* 7 no. 12 70-73 D '67.
- Developing and adopting the technology of the hardening of low-alloy and low-carbon steel pipes. R. P. Radchenko and others. *Trudy MINKHIGP* no. 70 54-64 '67.
- Effect of the mechanical heterogeneity on the efficiency of welded joints during various deformations and various characteristics of stress application. O. A. Bakshi, *Trudy MINKHIGP* no. 70 36-43 '67.
- Effect of welding conditions on the softening of refined 08G2, 14G2, 15G, and 14KhGS low-alloy steels. A. S. Astaf'ev, V. S. Navoev. *Trudy MINKHIGP* no. 70 28-35 '67.
- High-strength thermally treated low-alloy structural steel with reduced tendency to softening during welding. L. I. Gladstein, O. N. Vinko, D. N. Khomushin, *Trudy MINKHIGP* no. 70 154-165 '67.
- Increasing the structural strength of welded joints by preliminarily reinforcing weldable edges. V. M. Nikitin, V. A. Rodionov. *Trudy MINKHIGP* no. 70 137-141 '67.
- Investigating the automatic welding of thermally hardened steel under ceramic flux. M. N. Gapechenko. *Trudy MINKHIGP* no. 70 44-51 '67.
- Investigating the effect of the wear of circular chains on the performance of traction mechanisms. L. M. Alotin, V. K. Donis. *Nauch. trudy KNIU* no. 17 4-9 '65.
- Investigating the softening of steel in welding thermally hardened petroleum pipes from low-carbon and low-alloy chromium steels. V. S. Milanchev, T. V. Iashunskaya. *Trudy MINKHIGP* no. 70 65-72 '67.
- Investigating the weldability of MK-40 nickel-free steel and its introduction into shipbuilding. E. D. Kudimov. *Trudy MINKHIGP* no. 70 91-99 '67.
- Investigating the weldability of thermally hardened reinforcing steel rods. A. S. Astaf'ev, E. P. Matenev. *Trudy MINKHIGP* no. 70 110-122 '67.
- Investigating the weldability of thermally hardened steels by the method of biaxial extension. I. M. Kuzmak and others. *Trudy MINKHIGP* no. 70 121-135 '67.
- Local stability of centrally compressed welded rods from thermally treated steels. I. V. Levitanskii, *Trudy MINKHIGP* no. 70 142-153 '67.
- Measuring the compressibility of iron and nickel at 4, 2°K. F. U. Aliev, B. H. Lazarev, A. L. Sudovtsov, *Ukr. fiz. zhur.* 12 no. 7 1180-1182 JI '67.
- Present state and future prospects of the production of thermally hardened rolled products from low-carbon and low-alloy steels. K. F. Starodubov, *Trudy MINKHIGP* no. 70 3-4 '67.
- Present state of the weldability of thermally hardened steels. E. M. Kuzmak, *Trudy MINKHIGP* no. 70 5-9 '67.
- Regularities of the softening of thermally hardened steels during welding. V. I. Logvinov. *Trudy MINKHIGP* no. 70 73-83 '67.
- Reliability criteria applicable to the pipe for overground gas pipelines of the Far North. M. P. Anichkin, M. N. Georgiev, V. A. Dogadova, *Trudy MINKHIGP* no. 70 21-27 '67.
- Selecting welding materials for mechanized and manual welding of thermally hardened low-alloy steels. B. S. Kanatkin, V. F. Musachenko, *Trudy MINKHIGP* no. 70 10-21 '67.
- Static and impact strength of welded joints from thermally hardened 14GN and 16G steels. O. A. Bakshi and others. *Trudy MINKHIGP* no. 70 100-109 '67.
- Stress-rupture strength and stability of the structure of base metal and welded joints from softened 12MKh and 12KhMF low-alloy heat resistant steels. E. M. Kuzmak, V. A. Kishkin, *Trudy MINKHIGP* no. 70 84-90 '67.
- Surface phenomena during fusion welding of aluminum with copper. D. M. Rabkin and others. *Avtom. svar.* 20 no. 11 10-13 N '67.
- 539.6 INTERMOLECULAR FORCES; ASSOCIATION PHENOMENON
- Effect of annealing on internal friction in pure iron. A. G. Mikeladze, *Fiz. met. i metalloved.* 24 no. 4 755-757 O '67.
- Friction characteristics of tungsten-boron nitride alloys. A. I. Astanov, I. A. Dzhalarov, *Porosh. met.* 7 no. 12 78-83 D '67.
- Internal friction and electric resistance of silicon single crystals under multiple alternating flexure. R. I. Garber, I. I. Soloshenko, I. A. Charkina, *Fiz. tver. tela* 9 no. 11 3270-3272 N '67.
- Selecting and investigating alloys for working in pair with copper under sliding friction conditions. M. U. Ametov, M. K. Aliev. *Za tekhn. prog.* 7 no. 10 29-31 O '67.
- 539.8 OTHER PHYSICO-MECHANICAL EFFECT
- Bauschinger effect in hardened metals. I. A. Hindin, L. I. Bobonets, I. M. Nakledov, *Ukr. fiz. zhur.* 12 no. 7 1176-1170 JI '67.
- Characteristics of the structure of cup fracture in connection with the occurrence and propagation of cracks. M. P. Braun, I. U. Veselianskii, *Fiz. met. i metalloved.* 24 no. 4 755-768 O '67.
- Converging detonation waves in a Chapman-Jouguet regime in a medium with variable and constant initial densities. I. A. G. Sapunkov, *Pril. mat. i mekh.* 31 no. 5 932-935 S-O '67.
- Deformations occurring as a result of reflections, refractions, and interferences of stress waves. E. N. Pogrebnoi, K. M. Zhak, *Izv. vys. ucheb. zav. Chern. met.* 10 no. 10 125-129 '67.
- Effect of technological parameters of rolling on the coefficient of the arm of the resultant of metal pressure on rolls. A. K. Grigor'ev, O. A. Mel'nikhuk. *Trudy LPI* no. 287 60-66 '67.
- Effect of the current density, material, and the backing treatment method on the internal strains of electroprecipitated iron-nickel films. V. V. Kosmanov, N. M. Primak, *Izv. vys. ucheb. zav. fiz.* 10 no. 9 40-43 '67.
- Explosion deformation in single crystals. L. V. Aptshtuler and others. *Fiz. tver. tela* 9 no. 11 3063-3069 N '67.
- Fading out of the Shubnikov-de Haas effect in bismuth-antimony alloy under pressure. E. S. Istevich, L. M. Fisher, *Pis'ma v red. Zhur. eksp. i teo. fiz.* 6 no. 7 718-752 O '67.
- Formation of shock waves in unbalanced flows. A. N. Kravko, *Pril. mat. i mekh.* 31 no. 5 791-803 S-O '67.
- Internal stresses in a medium with a microstructure. I. A. Kurnin, *Pril. mat. i mekh.* 31 no. 5 889-896 S-O '67.
- Mechanism of the coarsening of the grain during recrystallization following critical deformation. S. S. Gotslik and others. *Fiz. met. i metalloved.* 24 no. 4 761-764 O '67.
- Motion of a gas behind a diverging detonation wave in a space with a truncated cone. I. A. Kazhdan, *Pril. mat. i mekh.* 31 no. 5 916-928 S-O '67.
- Negative photomechanical effect in cadmium sulfide. V. A. Prozdov, L. I. Mozgovaya, A. L. Rvachev. *Dokl. AN SSSR* 177 no. 1 68-69 N-D '67.
- Reflection and refraction of a plane plastic wave in the presence of a boundary plane. N. V. Zvolinskii, *Pril. mat. i mekh.* 31 no. 5 848-860 S-O '67.
- Relaxation time in problems of internal friction. V. T. Shmatov, *Fiz. met. i metalloved.* 24 no. 4 588-594 O '67.
- Safonov, L. V., and G. V. Kuznetsov. [Seismic effect of exploding borehole charges] *Seismicheskiy effekt vzryva skvazhinnykh zarядov.* Moskva, Nauka, 1967 100 p.
- Selecting pressure stages for hydrostatic pressing units. V. B. Goidin and others. *Trudy LPI* no. 287 102-109 '67.
- Self-similar problem bearing on impact loading of non-linearly elastic material. E. M. Chernykh, *Pril. mat. i mekh.* 31 no. 5 877-882 S-O '67.
- Studying the $\alpha \rightarrow \beta$ transitions in GeTe - SnTe alloys at high pressure. S. S. Kabatkin, N. R. Serenianina, L. F. Vereshchagina, *Fiz. tver. tela* 9 no. 11 3208-3211 N '67.
- Studying various conditions of aging recovery in aluminum-magnesium alloys. M. F. Komarova and others. *Fiz. met. i metalloved.* 24 no. 4 641-647 O '67.
- 54 CHEMISTRY
- Advances in Soviet agricultural chemistry. N. S. Avdonin, *Sel'khoz. biol.* 2 no. 8 848-855 '67.
- Atheistic education in organic chemistry classes of secondary schools, 10th grade. L. I. Piskunova. *Uch. zap. Kal. gos. ped. inst.* 50 01-90 '67.
- [Chemistry]. *Ref. zhur. Khim.* no. 21 pl. 1 N '67.
- Conference on the application of heavy nitrogen isotopes in agrochemical and soil research. N. I. Borisova, *Agrokhimia* no. 12 141-142 D '67.
- Effect of the rocky part of soil on its agrochemical properties. F. I. Pugach, *Agrokhimia* no. 12 74-77 D '67.
- Muslin, E. S. [New chemical inventions] *Novye khimicheskie izobreteniya.* Moskva, Znaniye, 1967. 31 p. (Novoe v zhizni, nauka, tekhnika. XI Seriya. Khimiya, 8)
- Principles of the compilation of bilingual chemical dictionaries. I. U. G. Kuz'min. *NTI, Ser. I* no. 10 22-26 '67.
- 54(471.23)—Leningrad Province
- General chemistry and physical chemistry at Leningrad University. A. A. Makarenko, *Vest. LGU* 22 no. 22:22-40 N '67.
- 541 GENERAL, THEORETICAL AND PHYSICAL CHEMISTRY
- Liquid-vapor equilibrium in the system benzene-carbon tetrachloride-methyl ethyl ketone. N. V. Lutugina, P. I. A. Molodtsova, G. P. Dement'ev, *Vest. LGU* 22 no. 22 107-112 N '67.
- 541.1 PHYSICAL CHEMISTRY
- Abrikosov, N. Kh., and others. [Semiconductor compounds, their manufacture and properties, chalcogenides of the elements of groups II, IV, and V of the periodic table] *Poluprovodnikovye soedineniya, ikh polucheniye i svoystva; khalkogennyye elementov II, IV i V grupp periodicheskoi sistemy.* Moskva, Nauka, 1967 174 p.
- Absorption of low concentration impurities in direct flow. I. P. Lychkin, *Zhur. prikl. khim.* 40 no. 8 1845-1848 Ag '67.
- Activity of the system nickel-silver with respect to the process of oxygen ionization in alkaline solutions. Gu Lin-in [Gu Lin-ying] and others. *Elektrokhimia* 3 no. 10 1279-1282 O '67.
- Adsorption and pigmentary properties of titanium dioxide modified by aluminum and silicon oxides during the combustion of titanium tetrachloride. A. A. Isikurian, E. V. Ushakova, I. M. Fedotova, *Lakokr. mat. i kh. prim.* no. 4 9-12 '67.
- Adsorption isotherm from athermous solutions. B. H. Damaskin, *Elektrokhimia* 3 no. 11 1390-1396 N '67.
- Adsorption of antimony trichloride from solution in silicon tetrachloride by silica gel. I. U. M. Martynov, G. A. Afanas'ev, E. A. Kiengol'd, *Zhur. prikl. khim.* 40 no. 8 1828-1830 Ag '67.
- Adsorption of carbon monoxide on a tungsten surface partially covered with oxygen. V. S. Aheikin, I. U. M. Ptushynskiy, *Ukr. fiz. zhur.* 12 no. 7 1115-1120 JI '67.
- Adsorption of mixtures of organic substances from aqueous solutions by activated carbon. A. M. Koganovskii, T. M. Levenchenko, *Ukr. khim. zhur.* 33 no. 7 672-673 '67.
- Adsorption of oxygen and interaction of adsorbed oxygen with molecular hydrogen on silver films. G. K. Borshov, A. V. Khasin, *Dokl. AN SSSR* 177 no. 1 144-148 N-D '67.
- Adsorption technology for separation of alkaloids from the plant *Haplophyllum foliosum*. T. T. Shakhov, L. T. Avazmukhamedov, *Uzb. khim. zhur.* 11 no. 3 73-78 '67.
- Analysis of impurities based on ion mobility. B. P. Kostantinov, O. V. Oshurkova, *Elektrokhimia* 3 no. 11 1409-1412 N '67.
- Anodic oxidation of cobaltous hydroxide dissolved in alkali. R. V. Boldin, *Elektrokhimia* 1 no. 10 1250-1261 O '67.
- Anodic oxidation of dicarboxylic acids. Part I. Aqueous solutions of oxalic acid. A. G. Koznichenko, L. A. Mirkind, M. I. Gieshen, *Elektrokhimia* 3 no. 11 1370-1378 N '67.
- Anodic passivation and polishing of tungsten in alkaline solutions. F. F. Fairullin, V. K. Levina, *Elektrokhimia* 1 no. 10 1225-1228 O '67.
- Anodic polarization of sulfides in oxide melts. V. D. Shakhin, O. A. Esin, V. N. Boronchenko, *Elektrokhimia* 3 no. 11 1403-1405 N '67.
- Apparatus for measuring electric conductivity of non-aqueous solutions of electrolytes in high electric strength field. V. P. Barabrov, S. G. Sannikov, I. A. Klochkov, *Elektrokhimia* 3 no. 10 1253-1256 O '67.
- Aspects of elution of complex silver thiosulfate ions from anion exchangers after adsorption. A. B. Davankov, V. M. Laufer, L. B. Zubakova, *Zhur. prikl. khim.* 10 no. 8 1710-1722 Ag '67.
- Behavior of diluted sodium and zinc amalgams in sodium hydroxide solutions. L. I. Antropov, V. P. Chivuk, *Elektrokhimia* 3 no. 11 1351-1358 N '67.
- Calculation of the dissociation constants of electrolytes by means of an electronic digital computer. V. M. Tsentovskii, N. G. Tsentovskaya, *Elektrokhimia* 3 no. 10 1214-1216 O '67.
- Catalytic hydrogen wave in solutions of complex cobalt compounds with thiosmicarbaride. V. F. Toropova, T. A. Pecherzhanskaya, V. E. Bashkirtseva, *Elektrokhimia* 3 no. 10 1250-1253 O '67.
- Cathodic behavior of titanium, zirconium, and niobium in solutions of oxalic acid and benzaldehyde. V. M. Aitumova, *Elektrokhimia* 3 no. 10 1218-1221 O '67.
- Causes of the change in manganese catalyst activity during paraffin oxidation by atmospheric oxygen. A. A. Perchenko, I. I. Panova, *Masl. i zhir. prom.* 32 no. 5 21-24 My '66.
- Changes in some surface properties of silicon single crystals caused by illumination. S. G. Bolitsyn, V. V. Orynskaia, *Fiz. i tekhn. poluprov.* 1 no. 10 1526-1530 '67.
- Characteristics of coexisting phases in a lattice gas model. I. U. I. Shymanskii, *Ukr. fiz. zhur.* 12 no. 7 1172-1175 JI '67.
- Connection between the thermodynamic properties of metallic alloys and their structure. I. T. Sryvalin and others. *Izv. vys. ucheb. zav., Chern. met.* 10 no. 10 72-75 '67.
- Contribution to the theory of homogeneous-heterogeneous branched chain reactions in a flow. V. G. Levich, A. M. Brodskii, I. M. Pis'men, *Dokl. AN SSSR* 176 no. 2 371-373 S '67.
- Correlation of the half-wave potentials of substituted benzaldehydes with the magnitude of solvatochromic effect. A. V. Finkel'shtein, V. V. Ivanov, A. I. Aroschenko, *Elektrokhimia* 3 no. 10 1245-1247 O '67.
- Demulsification during the process of petroleum flow, and problems of improving the technology of preliminary refining of petroleum. B. F. Gubanov, V. I. Graifer, *Neft. khim.* 45 no. 9 12-16 S '67.
- Dependence of hydrogen electrode potential of the pH and composition composition under isoelectric conditions. A. N. Frumkin, O. A. Petrii, R. V. Marvel, *Elektrokhimia* 3 no. 11 1311-1317 N '67.
- Determination of heat conduction of lanthanum chalcogenides by the dynamic method. R. R. Kagramanova, I. S. Lisker, D. I. Arembashi, *Azorb. khim. zhur.* no. 4 46-49 '67.
- Effect of changes in the first ion coordination sphere on the reaction rate. R. R. Dogonadze, A. M. Kuznetsov, *Elektrokhimia* 3 no. 11 1324-1330 N '67.

- Formation of radicals in the reaction of N-benzyl-1,4-dithionamide with quinones. L. A. Nigvich and others. *Dokl. Akad. Nauk SSSR* 33 no. 7 756-757 '67.
- Interactions of solid phases and dispersed structures of double hydroxides of calcium and sodium hydroxide suspensions. O. I. Luk'yanova, I. U. Semenuk. *Dokl. AN SSSR* 176 no. 1 128-131 S-O '67.
- Electrolytic purification of sulfate solutions of nickel. V. I. Zhuravov and others. *Mosk. univ. izv.* 12 no. 3 39-40 My '66.
- Graphical method of calculation of the diffusion of ions in porous carbons from the sorption data. V. I. Nizlov, P. M. Hahve, *Dop. AN URSR*, Ser. B 22 no. 11 1010-1012 N '67.
- Influence of voltage on silver at low current density. Part I. Effect of the solution composition. V. I. Bystrov, I. I. Frishlik. *Elektrokhimiya* 3 no. 11 1345-1350 '67.
- Hydrogen reference electrode in liquid hydrogen fluoride solution. G. I. Kurova, L. M. Gubina, T. A. Adzhemur. *Elektrokhimiya* 3 no. 10 1222-1225 O '67.
- Properties of phosphotene and oxaphospholene derivatives. D. A. Arslanov and others. *Dokl. AN SSSR* 176 no. 2 323-325 S '67.
- Interaction of a catalytic surface. A. M. Gishin. *Inzh.-fiz. zhurn.* 13 no. 4 514-521 O '67.
- Infrared spectra of catalysts and adsorbed molecules. Part 3. Methyl alcohol on the aluminum oxide surface. I. I. Isfer, V. I. Iverson, A. M. Rubinshtein. *Dokl. AN SSSR Ser. Khim.* no. 11 2424-2431 N '67.
- Adsorption of ammonia on adsorption of montmorillonite. A. I. Ermakova, V. S. D'achenko, A. I. Rastentenko, H. I. Tatarov. *Ukr. khim. zhurn.* 33 no. 7 754-755 '67.
- Element of anions in the elementary steps of electrochemical reaction of iron dissolution in acid solutions. G. M. Florinova, L. A. Sokolova, I. A. Molot'ykin. *Elektrokhimiya* 3 no. 11 1338-1363 N '67.
- Structure and mechanism of phase transitions of calcium hydroxide in phosphate solutions containing magnesium at 20-50°C. S. I. Shprut, Z. I. Guseva. *Zhur. prikl. khim.* 40 no. 6 1515-1563 Ag '67.
- Processes of electrode processes on a bismuth amalgam electrode. Part I. Experimental proof of the stepwise nature of the electrode process. V. V. Gorodetskiy, V. V. Pech. *Elektrokhimiya* 3 no. 10 1192-1201 O '67.
- Function of recombination of radicals. A. A. Belyi, A. O. Chernikov. *Teor. i eksp. khim.* 3 no. 4 451-457 N '67.
- Properties of the oxidation of ethanol on a platinumized platinum electrode. F. A. Aikazian, N. Kh. Daniellian, V. M. A. G. Lian. *Arm. khim. zhurn.* 20 no. 8 585-591 '67.
- Properties of tri- and diethyl phosphite hydrolysis. V. E. Kuznetsov, G. P. Motygin. *Izv. AN SSSR, Ser. Khim.* no. 11 2531-2552 N '67.
- Factorial method for studying and evaluating the radiation resistance of glasses. I. U. S. Zaslavskiy and others. *Trud. VNIIP* no. 10 349-353 '67.
- Limiting currents on hydrogen-ion discharge from HCl solution with varying indifferent electrolyte concentration. I. A. V. Durdin, V. V. Malev. *Elektrokhimiya* 3 no. 11 1412-1416 N '67.
- Mass-spectrometric study of oxygen sorption by the surface of tungsten. V. S. Aheikin, I. U. Plushynskiy. *Ukr. fiz. zhurn.* 12 no. 9 1481-1486 S '67.
- Mechanism of electron-stimulated oxygen desorption from tungsten surface. I. A. P. Zingerman, V. A. Ischuk. *Fiz. tverd. tela* 9 no. 11 3347-3350 N '67.
- Mechanism of hydrogen evolution on mercury and amalgam electrodes in the electrolysis of acid solutions of salts of some multicharged ions. E. P. Speranskaya. *Elektrokhimiya* 3 no. 10 1212-1213 O '67.
- Mechanism of methanol oxidation on a platinum-ruthenium electrode. V. S. Entina, O. A. Petrli. *Elektrokhimiya* 3 no. 10 1237-1240 O '67.
- Mechanism of the first step of polarographic reduction of organomercury salts. K. F. Butin and others. *Elektrokhimiya* 3 no. 11 1318-1323 N '67.
- Mechanism underlying the spectral sensitization of the intrinsic photoeffect by dyes in zinc oxide, I. U. D. Pincus. *Dokl. AN SSSR* 176 no. 1 135-138 S-O '67.
- Mechanism underlying the structure-forming action of particles of fillers and pigments in polymer media. F. I. Adnan, I. U. V. Fgorova, E. I. Evko. *Dokl. AN SSSR* 176 no. 2 363-367 S '67.
- Method of irradiation limits in heterogeneous break of circuits in the diffusion region. V. V. Azatian. *Arm. khim. zhurn.* 20 no. 8 577-584 '67.
- Method of radioactive indicators for studying cleaning and oxidative properties of motor oil additives. G. I. Shor, I. U. S. Zaslavskiy, D. V. Riabova. *Trudy VNIIP* no. 10 161-168 '67.
- Method of radioactive tracers for studying the action mechanism of organomolybdenum oil additives. I. U. S. Zaslavskiy and others. *Trudy VNIIP* no. 10 199-205 '67.
- Method of radioactive tracers for studying the chemical activity of antiseize additives at temperatures from 200 to 600°C. in the oil-metal contact zone. I. U. S. Zaslavskiy. *Trudy VNIIP* no. 10 191-198 '67.
- Methods for calculating density of liquids in soda production. E. I. Rishkovskaya, E. I. Chernenkova. *Zhur. prikl. khim.* 40 no. 8 1655-1660 Ag '67.
- Non equilibrium electrochemical analysis. V. A. Tsigal. *Elektrokhimiya* 3 no. 11 1331-1339 N '67.
- On the mechanism of hydrolysis of fructose-1,6-diphosphate. N. A. Semenuk, A. A. Ivanikov. *Ukr. khim. zhurn.* 33 no. 7 712-716 '67.
- Physicochemical analysis of the reaction of 6-caproaldehyde. I. N. Zil'berman, I. U. S. Zaslavskiy. *Dokl. AN SSSR* 176 no. 1 1659-1660 Ag '67.
- Physicochemical study of the ternary system $H_2O - H_2O_2 - H_2O$. T. A. Dobrynina, N. A. Chernykh. *Izv. AN SSSR Ser. Khim.* no. 11 2571 N '67.
- Polarization contributions to the thermodynamic functions of strong electrolyte solutions. H. M. Povolov. *Ukr. fiz. zhurn.* 12 no. 9 1481-1486 '67.
- Polaron nature of current carriers in solid electrolytes. V. N. Bogomolov, F. K. Kudinov. *Ukr. khim. zhurn.* 33 no. 8 1175-1181 N '67.
- Photochemical reactions of nucleophilic and electrophilic aromatic ligands. M. G. Kuznetsov, I. U. S. Zaslavskiy, Guseva. *Dokl. AN SSSR* 176 no. 2 323-325 S '67.
- Principles of the theory of electrode phenomena. I. U. S. Zaslavskiy, A. M. Gishin. *Ukr. khim. zhurn.* 33 no. 11 1403-1410 N '67.
- Problem of the phase diagram of the system $Fe_2O_3 - Cr_2O_3$ and $Na_2O - K_2O$. A. I. Shprut. *Dop. AN URSR, Ser. B* no. 11 1001-1002 N '67.
- Products and the mechanism of thermal dissociation of molybdenite. A. V. Gonchik and others. *Ukr. khim. zhurn.* 33 no. 8 1175-1181 N '67.
- Quantitative characterization of near hydrolysis reactions in diluted aqueous solutions. Part 1. Study of data on density. A. I. Shprut, G. I. A. Shprut. *Strukt. khim.* 4 no. 5 817-821 S-O '67.
- Rare earth element desorption from a tungsten surface. N. I. Alekseev. *Zhur. prikl. khim.* 40 no. 12 2211-2214 D '67.
- Reactivity of chemisorbed molecules and electrode processes in semiconductor. V. I. Kuznetsov. *Dokl. AN SSSR* 176 no. 1 124-127 S-O '67.
- Reduction of $Co(C_2O_4)_3^{3-}$ on a mercury electrode. N. I. Alekseev, N. P. Kuznetsov, I. I. Shprut. *Elektrokhimiya* 3 no. 10 1182-1188 N '67.
- Reduction of inorganic cations on a dropping mercury electrode in water-alcohol solutions. M. I. Alekseev, N. V. Nikolova-Radovitch, R. B. Danchev. *Ukr. khim. zhurn.* 33 no. 10 1247-1250 O '67.
- Relation of adsorption effects in conditions of rupture strength to the value of interphase energy of the solid metal - liquid metal boundary. V. I. Zaslavskiy. *Zashch. met.* 3 no. 6 710-722 N '67.
- Role of basicity and stereocompatibility in nucleophilic catalysis by tertiary amines. I. M. Kuznetsov, I. U. S. Zaslavskiy. *Dokl. AN SSSR* 176 no. 1 197-199 S '67.
- Separation of niobium and titanium by forming materials. I. D. Sklyarov, S. G. Mokuchin. *Ukr. khim. zhurn.* 33 no. 8 1175-1181 N '67.
- Solubility polytherm of the ternary system water - monomammium phosphate. A. G. Buragina, I. A. Opredelenkova. *Zhur. prikl. khim.* 40 no. 8 1655-1660 Ag '67.
- Some characteristics of the oxidation of coal-pyromaterials. G. M. Volkov, V. I. Katugin, I. A. Shprut. *Inzh.-fiz. zhurn.* 13 no. 4 514-521 O '67.
- Some methodological problems of studying the resistance of lubricants. I. U. S. Zaslavskiy, I. U. S. Zaslavskiy. *Trudy VNIIP* no. 10 247-249 '67.
- Sorption of two- and three-component systems of alkyl form synthetic zeolites. P. N. Galich and others. *Zhur. prikl. khim.* 40 no. 8 1682-1686 Ag '67.
- Standard potential of the oxidation-reduction reaction $Co^{3+} + e \rightleftharpoons Co^{2+}$. L. M. Borinova, A. L. Rutin. *Elektrokhimiya* 3 no. 10 1163-1167 O '67.
- Standard thermodynamic functions of some elements. I. U. S. Zaslavskiy. *Zhur. prikl. khim.* 40 no. 8 1647-1650 S '67.
- Steady conditions of operation of reactor with granular catalyst layer. V. G. Iovich, I. M. Pichenko. *Dokl. AN SSSR* 176 no. 1 150-153 S-O '67.
- Steady-state operation of liquid porous electrodes in the diffusion supply from the back (nonpolarizable side). I. G. Gurevich, V. S. Nagolskiy. *Elektrokhimiya* 3 no. 11 1406-1409 N '67.
- Study of azeotropy in binary and ternary systems. T. I. Lesteva and others. *Zhur. prikl. khim.* 40 no. 8 1613-1614 Ag '67.
- Study of nonequilibrium high temperature processes by means of E. M. F. B. I. Markhasov, A. A. Malik. *Elektrokhimiya* 3 no. 10 1265-1268 O '67.
- Study of solid solutions in the systems $HgTe - HgS$ and $HgSe - HgS$. F. F. Kharakhorn and others. *Dokl. AN SSSR* 176 no. 1 82-85 S-O '67.
- Study of the change of thermodynamic functions of acid ion-exchange reactions on organically bentonites. I. K. Tadzhiyev, T. Kh. Mukimov. *Ukr. khim. zhurn.* 33 no. 4 52-57 '67.
- Study of the ternary system $Fe^{3+} - MYA - SCN^-$. I. U. S. Zaslavskiy. *Ukr. khim. zhurn.* 33 no. 7 740-746 '67.
- Study of time-dependent dehydration of paroxonolide acid hydrogel at constant temperature and pressure. A. A. Mambetov, F. G. Abbaev, S. T. Aliev. *Azerb. khim. zhurn.* no. 4 79-81 '67.

- 541.1 (Continued)
Studying the currents controlled by a surface space charge in the field effect and MOS-structures. A. P. Moiban', V. I. Lytovchenko, Ukr. fiz. zhur. 12 no. 7 1069-1081 11 '67.
- Temperature dependence of parameters of the near interaction of ions in aqueous solutions of strong electrolytes. I. U. Kessler, Zhur. strukt. khim. 8 no. 5 827-828 S-O '67.
- Temperature effect on negative hydration of ions. G. A. Krestov, V. K. Ibramov, Zhur. strukt. khim. 8 no. 5 822-826 S-O '67.
- Theory of the electroconductivity of the surface layers of a space charge in semiconductors. I. U. Horikun, Ukr. fiz. zhur. 12 no. 7 1163-1171 11 '67.
- Thermal degradation of polyphenylacetylene. P. P. Krutitsa, M. I. Cheikashin, A. A. Berlin, Izv. AN SSSR, Ser. khim. no. 11 2453-2460 N '67.
- Thermochemical study of the extraction of nitrates of light lanthanides by tributyl phosphate. A. V. Nikolaev, I. U. A. Afanas'ev, A. D. Stasiutin, Dokl. AN SSSR 176 no. 1 110-112 S-O '67.
- Transfer numbers of the iron-chromium alloy components. D. F. Kalynovych, I. I. Kovenskiy, M. D. Smoln, Ukr. fiz. zhur. 12 no. 7 1124-1126 11 '67.
- 541.4 (2470) —Azerbaijani S.S.R.
Achievements of the Institute of Inorganic and Physical Chemistry of the Academy of Sciences of Azerbaijan S.S.R. I. M. Orudzheva, S. P. Teyosov, Azerb. khim. zhur. no. 3 56-61 '67.
- 541.15 RADIATION CHEMISTRY
Kinetics of γ -radiolysis of glycine and triglycine sulfate single crystals. S. Z. Shul'ha, N. M. Smylina, L. S. Zvier'kov, Ukr. fiz. zhur. 12 no. 9 1555-1556 S '67.
- 541.2 ATOMIC THEORY
Determining molecular weights of heavy petroleum products. A. I. A. Rasmanskaya, V. P. Muzychenko, E. A. Strokina, Trudy VNIIP no. 10 116-120 '67.
- Gel filtration for determination of the molecular weight of proteins and high molecular polypeptides. N. V. Pokidova, T. P. Butina, Z. V. Ermolova, Antibiotiki 12 no. 12 1102-1104 D '67.
- 541.4 CHEMICAL COMPOUNDS
Arylalkylated phenols in the presence of orthophosphoric acid. Report No. 4 Catalytic arylalkylation of cresol with styrol. A. A. Gadzhibayev, M. I. Goriyev, Trudy Inst. khim. nauk AN Kazakh, SSR 10 88-94 '67.
- Aspects of elution of complex silver thiosulfate ions from anion exchangers after adsorption. A. B. Davankov, V. M. Laufer, L. B. Zubakova, Zhur. prikl. khim. 40 no. 8 1718-1722 Ag '67.
- Basic data on the solidus structure of the 9-component system $\text{CaO} - \text{MgO} - \text{FeO} - \text{Fe}_2\text{O}_3 - \text{Cr}_2\text{O}_3 - \text{Al}_2\text{O}_3 - \text{ZrO}_2 - \text{TiO}_2 - \text{SiO}_2$. A. S. Bozergin, Izv. AN SSSR, Neorg. mat. 3 no. 10 1761-1766 O '67.
- Behavior of $\text{Rb}_2\text{ZrSi}_2\text{O}_7$ at high temperatures. V. G. Chukhlantsev, K. V. Yilmovskaya, Izv. AN SSSR, Neorg. mat. 3 no. 10 1892-1897 O '67.
- Calculation of the activation energy of peroxide and alkoxyl radicals. E. T. Denisov, Izv. AN SSSR, Ser. khim. no. 11 2308-2309 N '67.
- Kinetics of β -SiC formation from gas phase. L. M. Ivanova, A. A. Pictushkin, Izv. AN SSSR, Neorg. mat. 3 no. 10 1817-1822 O '67.
- Synthesis of sulfamide compounds based on the amines of acetylene series. N. I. A. Zerkov and others, Vest. AN Kazakh, SSR 23 no. 7 58-67 11 '67.
- Thermal analysis and infrared spectra of trihydroxyglutaric acid and calcium and copper trihydroxyglutarates. Z. P. Andreeva and others, Dokl. MHP 3 no. 1 301-305 '66.
- 541.49 COMPLEX COMPOUNDS
Calculation of the number of isomers for main geometrical models of mononuclear complex compounds. I. V. Krivoshei, V. I. Vvedenskii, Teor. i eksp. khim. 3 no. 4 508-515 11-Ag '67.
- 541.5 VALENCY AFFINITY, BONDS
Calculation of the activation energy of peroxide and alkoxyl radicals. E. T. Denisov, Izv. AN SSSR, Ser. khim. no. 11 2308-2309 N '67.
- Comparison of the reactivity of radicals CF_3 , CF_2 , and CCl_3 . I. E. Chlenov, M. V. Bazilevskii, Zhur. strukt. khim. 8 no. 5 893-896 S-O '67.
- Electron transfer spectra and intramolecular bond in fides of substituted ammonium bases. V. V. Sergievskii, I. U. G. Frolov, Zhur. strukt. khim. 8 no. 5 891-896 S-O '67.
- Electronic structure of long molecules with conjugated bonds. I. A. Misurkin, A. A. Ovchinnikov, Teor. i eksp. khim. 3 no. 4 431-436 11-Ag '67.
- Energy levels of some macromolecules with the system of conjugate double and triple bonds. D. A. Bochar, I. V. Stankevich, Zhur. strukt. khim. 8 no. 5 943-949 S-O '67.
- Field of force and structure of vinylacetylene. E. M. Popov and others, Teor. i eksp. khim. 3 no. 2 533-537 11-Ag '67.
- Ionization potentials of valency states of elements of second transition period. V. I. Baranovskii, A. B. Nikol'skii, Teor. i eksp. khim. 3 no. 4 527-533 11-Ag '67.
- Organosilicon iminoxy polyradicals. G. F. Pavelko, E. G. Rozantsev, Izv. AN SSSR, Ser. khim. no. 11 2466-2470 N '67.
- Reactivity of Si-O and Sn-O bonds of trialkylsilyloxystannanes in organomagnesium synthesis. M. P. Shostakovskaya and others, Dokl. AN SSSR 176 no. 2 356-359 S '67.
- Study of chemical bonds by means of X-ray spectra. R. L. Barinskii, Zhur. strukt. khim. 8 no. 5 897-912 S-O '67.
- Triple bonds in $\text{Zr} - \text{H} - \text{C}$ and $\text{Zr} - \text{H} - \text{N}$ systems. R. A. Andreevskii, E. B. Bolko, V. P. Kalinin, Kristallografiya 12 no. 6 1088-1070 N-D '67.
- 541.6 CHEMICAL STRUCTURE IN RELATION TO PROPERTIES
Application of dipole moments for determining the structure of halo derivatives of ortho and meta-benzenes. V. I. Stanko and others, Zhur. strukt. khim. 8 no. 5 928-932 S-O '67.
- Calculation of electronic spectra of allylallylmines. V. I. Avdeev, I. I. Zakharov, Teor. i eksp. khim. 3 no. 4 510-522 11-Ag '67.
- Catalytic block polymerization of trimethylethylene oxide in the presence of anhydrous AlCl_3 . M. M. Movsumzade, S. S. Beibutova, D. A. Efendieva, Azerb. khim. zhur. no. 4 3-7 '67.
- Determination of stability constants for some neodymium complexes by the spectrographic method. T. V. Ternovskaya, N. A. Kostomina, T. D. Romanenko, Ukr. khim. zhur. 33 no. 7 651-657 '67.
- Dipole moments and structure of coordination compounds. O. A. Ostrov, A. D. Garmovskii, V. I. Murkin, Zhur. strukt. khim. 8 no. 5 913-927 S-O '67.
- Dipole moments of halo derivatives of ortho- and meta-benzenes. A. I. Echeistova and others, Zhur. strukt. khim. 8 no. 5 933-934 S-O '67.
- Effect of a type of spatial links on the acid resistance of rubbers from nitril. E. M. Gosham, I. U. S. Zuev, G. P. Muromtseva, Kauch. i rez. 26 no. 12 21-23 '67.
- Effect of rotation on the density of helium II. B. N. Esel'son and others, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 7 711-713 O '67.
- Effect of the conditions of syntheses of chromium-aluminum-silicate catalysts on activity in polymerization and copolymerization of α -olefins. N. A. Danilova and others, Azerb. khim. zhur. no. 4 61-67 '67.
- Electronic structure and spectra of carbanions of methyl-substituted nitrogen heterocycles by the Poppe-Palais-Chai method of AICLAC. M. N. Adamov, A. A. Kane, I. F. Tupitsyn, Teor. i eksp. khim. 3 no. 4 437-443 11-Ag '67.
- Electronic structure of long molecules with conjugated bonds. I. A. Misurkin, A. A. Ovchinnikov, Teor. i eksp. khim. 3 no. 4 431-436 11-Ag '67.
- Heat conductivity and water structure. I. S. Andrianova, O. I. Samoilov, I. Z. Fisher, Zhur. strukt. khim. 8 no. 5 913-916 S-O '67.
- Indole derivatives. Part 17. 3-alkyl-12b-methyl-1, 2, 3, 4, 6, 7, 12, 12b-octahydroindolo-(2, 3-a) quinoline. F. R. Shirogani and others, Arm. khim. zhur. 20 no. 6 648-658 '67.
- Kinetics of polycondensation of tetramethylcyclopentanone with dicarboxylic acids. G. M. Tsotilina, V. V. Korshak, T. L. Ronard, Vysokom. soed. Ser. B 9 no. 3 185-189 Mr '67.
- New active oligomers and monomers based on ethylenimine. E. A. Babenkova, G. A. Sitratkhan, Zhur. prikl. khim. 40 no. 8 1783-1788 Ag '67.
- Ormont, B. F. [Compounds of variable composition]
Sedimentation perennous sostav. Moskva, Znanie, 1967 46 p. (Novoe v zhizni, nauke, tekhnika, XI Seriya Khimika, 12)
- Polybenzoxazoles. Synthesis and properties of poly-(di-benzoxazolyl sulfones). A. I. Yakubovich and others, Vysokom. soed. Ser. A 9 no. 8 1782-1786 Ag '67.
- Polymerization of acetaldehyde on silica gel with barium oxide additions. N. G. Kasaikina, M. V. Kirpicheva, Vest. LGU 22 no. 22 153-155 N '67.
- Polymethyleneimine conversion under the effect of aluminum chloride. N. S. Nametkin, V. M. Vdovin, K. S. Puschcheva, Izv. AN SSSR, Ser. khim. no. 11 2537-2542 N '67.
- Polymorphism of polyethylene glycol adipate. B. I. A. Teitelbaum and others, Vysokom. soed. Ser. A 9 no. 8 1672-1676 Ag '67.
- Preparation and study of certain properties of polymers based on polytrivinylbenzene. G. A. Chukhladzin and others, Arm. khim. zhur. 20 no. 6 606-612 '67.
- Reactivity of arylidichlorophosphines to radical copolymerization with divinyl. S. R. Rafikov, N. D. Karakova, G. A. D'achikov, Dokl. AN SSSR 176 no. 2 346-348 S '67.
- Regularities of metastable states in the processes of adiabatic vaporization. A. A. Stollarov, Ukr. fiz. zhur. 12 no. 9 1557-1559 S '67.
- Relation between the sound velocity and the heat of phase transitions. V. I. Rykov, Izv. vys. ucheb. zav., fiz. 10 no. 4 152-155 '67.
- Spatial structure and physiological activity of local anesthetics of the decalhydroquinoline series. K. I. Khudunova, G. S. Litvinenko, D. V. Sokolov, Trudy Inst. khim. nauk AN Kazakh, SSR 10 3-22 '67.
- Stability of crystalline complexes of thionurea with hydrocarbons. M. F. Nagiev, G. G. Kakabekov, Azerb. khim. zhur. no. 4 8-11 '67.
- Study of chloroprene polymerization on organometallic complex catalysts. N. V. Kaluzhnaia and others, Azerb. khim. zhur. no. 3 87-91 '67.
- Studying the conditions for radiation pulsations of CaAa-based semiconductor lasers. N. G. Basov and others, Fiz. i tekhn. poluprov. 1 no. 10 1570-1574 '67.
- Symmetry groups of structural units. Kh. S. Mamedov, I. U. A. Akhundov, Azerb. khim. zhur. no. 4 50-53 '67.
- Synthesis and properties of ion exchangers on the basis of phenol ethers. N. N. Kurtskova and others, Vysokom. soed. Ser. A 9 no. 8 1751-1757 Ag '67.
- Synthesis and some properties of coordination polymers on the basis of bis-(p-11, 2-dioximepropyl)phenyl bis-(p-11, 2-dioximepropyl)phenyl oxide and bivalent metals. V. V. Korshak, M. S. Mikhailova, N. I. Bekasova, Vysokom. soed. Ser. B 9 no. 10 748-751 O '67.
- Synthesis of α -chloroacetoxyethyl cellulose ether. A. Kh. Iusupbekov, F. A. Magripov, T. Abdurashidov, Vysokom. soed. Ser. B 9 no. 10 782-784 O '67.
- Synthesis of monofunctional phosphorus-containing cation exchangers with groups of monosubstituted polystyrylphosphonic acid. I. U. A. Latkin and others, Vysokom. soed. Ser. B 9 no. 10 744-748 O '67.
- Synthesis of phosphorus-containing polymers based on dimethyl terephthalate, ethylene glycol, and dimethylphosphinic acid. B. E. Ivanov, T. I. Karpova, Vysokom. soed. Ser. B 9 no. 2 126-129 '67.
- Synthesis of polyamide acids and polyimides from 4,4'-diaminodiphenyl sulfide and pyromellitic dianhydride. S. A. Zakonchikov, K. P. Pomeantsva, L. N. Emel'janova, Vysokom. soed. Ser. B 9 no. 10 757-760 O '67.
- Synthesis of polyphenylacetylenes from α, β -dibromoethylbenzene by means of dehydrohalopolymerization in the presence of carbonates. L. M. Amelkchina, S. A. Nizova, I. M. Panshin, Vysokom. soed. Ser. B 9 no. 3 227-231 Mr '67.
- 541.8 SOLUTIONS AND SOLUBILITY IN GENERAL
Adsorption isotherm from athermous solutions. B. B. Damaskin, Elektrokhimiya 3 no. 11 1390-1396 N '67.
- Changes in the contractile capacity of the myocardium in frogs depending on the content of sodium, potassium, and calcium ions in the surrounding medium. I. B. Babitski, I. L. Koshalskaya, Biol. eksp. i med. 64 no. 12 7-10 D '67.
- Dissolution kinetics of molecularly dissolving substances. A. A. Ravdel', V. N. Kuprianov, Zhur. prikl. khim. 40 no. 8 1734-1740 Ag '67.
- Formation of a pulse discharge in aqueous solutions of lithium chloride. L. H. Kutsenko, A. V. Kozlov, Ukr. fiz. zhur. 12 no. 9 1536-1540 S '67.
- Kinetics of the solution of manganese sulfide, and behavior of manganese ion in the autoclave processes. I. F. Khudakov, A. V. Kiselev, Shor. Ur. politekh. inst. no. 155 39-44 '67.
- Osmometric and viscometric studies of ethylcellulose solutions. Kh. U. Usmanov, M. I. Usmanova, S. S. Makhmudova, Urb. khim. zhur. 11 no. 5 60-62 '67.
- Segregation on antiphase boundaries in a superlattice of type β -phase stoichiometric composition. L. E. Popov, N. V. Kozhennikina, Izv. vys. ucheb. zav., fiz. 10 no. 10 142-146 '67.
- Solubility of manganese (II), nickel (II), and zinc perchlorates and some properties of their saturated aqueous solutions. V. A. Latysheva, S. V. Karavan, Vest. LGU 22 no. 22 113-121 N '67.
- Solubility of oxygen in sulfuric acid at high temperatures and pressures. A. V. Kiselev, Shor. Ur. politekh. inst. no. 155 39-44 '67.
- Solubility polytherm of the ternary system disubstituted potassium phosphate-disubstituted ammonium phosphate-water. A. G. Bergman, A. D. Druzev, L. V. Opredelenkova, Zhur. prikl. khim. 40 no. 8 1838-1841 Ag '67.
- Solubility polytherm of the ternary system water-urea-monoammonium phosphate. A. G. Bergman, L. V. Opredelenkova, Zhur. prikl. khim. 40 no. 8 1835-1838 Ag '67.
- Solubility product of the simple cyanide of gold. V. M. Kuz'minykh, N. G. Turin, Shor. Ur. politekh. inst. no. 155 123-125 '67.
- Study of tellurium dioxide solubility in the system $\text{H}_2\text{O} - \text{TeO}_2 - \text{H}_2\text{O}$. T. Kh. Inamov, O. A. Abararov, Urb. khim. zhur. 11 no. 5 63-64 '67.
- Studying the Mossbauer effect in a solid solution of barium stannate in barium titanate. V. F. Belov, I. S. Zheleznev, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 9 843-845 N '67.
- Studying the optical properties of $\text{HgS} - \text{HgSe}$ solid solutions. B. F. Bilen'kiy and others, Ukr. fiz. zhur. 12 no. 7 1198-1200 11 '67.
- Surface tension, viscosity, and density of the binary systems aniline-chlorobenzene and metachloraniline-chlorobenzene. E. Z. Zhuravlev and others, Zhur. prikl. khim. 40 no. 8 1864-1866 Ag '67.
- 542 EXPERIMENTAL AND PREPARATIVE CHEMISTRY. LABORATORY EQUIPMENT AND TECHNIQUE
Acylation of alkali salts of arenesulfonamides with phenyl phosphates and p-toluenesulphonates. V. L. Dubina, S. I. Burmistrov, Ukr. khim. zhur. 33 no. 7 719-720 '67.
- Alkylation of benzene by propylene on synthetic molecular sieves. G. M. Panchenko, I. M. Kolesnikov, V. A. Tret'akov, Trudy MINKHIMP no. 09 75-82 '67.
- Analogy between the diffusion theory of polymer adhesion and the theory of diffusion welding of metals. S. S. Vait'skii, V. G. Raevskii, Dokl. AN SSSR 176 no. 2, 360-361 S '67.
- Block polymerization of some acrylates. M. A. Aekarov, A. S. Bank, Urb. khim. zhur. 11 no. 5 39-41 '67.

resonance absorption of 23,8 keV γ -quanta by Sn^{119} impurity nuclei in ferro-spinels within a temperature range above the Curie point. P. L. Gruzin, G. N. Shiozov, L. A. Alekseev. Dokl AN SSSR 176 no 2:362-364 1967.

Studies in mass spectrometry of amino acid derivatives. Report No. 4. Reproducibility of mass spectra of phenyl- and methylthiohydantoin of amino acids. A. M. Zakun and others. Izv AN SSSR, Ser. khim. no 11:2410-2415 N 1967.

Universal cuvette for electrophoresis. A. A. Strakalov. Biol. eksp. biol. med. 61 no 12:104-106 D 1967.

Use of fluorescent liquid and gas-liquid chromatography for the analysis of C₆-C₈ hydrocarbons in gasoline produced by cracking. S. I. Leont'eva and others. Khim. i tekhn. topl. i masl. 12 no 10:59-62 O 1967.

Use of microbiochemical method for determining proteins in nodules of leguminous plants. G. I. Zhiznevskaya, G. I. Litvinova. Avrokhimika no 12:103-105 D 1967.

Using gas chromatography for studying refinery gases and the pentane-amylic fraction of catalytically cracked gasoline. M. I. Lulova, A. I. Tarasov, A. A. Fedosova, Trudy VNI NP no 10:79-87 1967.

543.5(471.318)—Kaluga Province

Effect of calcination on the absorption activity of tripoli from the Zhukovo quarry. N. A. Kudryavtseva, A. I. Tarasov, A. I. Shchepinova. Khim. i tekhn. topl. i masl. 12 no 12:11-12 D 1967.

543.7 INORGANIC ANALYSIS MOISTURE, IMPURITIES, ETC

Influence of the moisture of coke on its strength. V. D. Barskiy, V. V. Mochalov, A. A. Kaufman. Koks i khim. no 12:21-24 1967.

New organic dyes on an abasic basis. S. E. Podlupskaya, R. Kh. Dzhanbaeva, Sh. T. Talipov. Trudy Tash GU no 288:67-69 1967.

Preparation and analysis of germanium monoxide. N. F. Tukafov and others. Ukr. khim. zhur. 33 no 7:695-697 1967.

543.8 ORGANIC ANALYSIS

Automatic coulometric determination of gas moisture and hydrogen content of organic substances. G. F. Amisimova and others. Izv. AN SSSR Ser. khim. no 11:2556-2558 N 1967.

Distribution of formic, acetic, and propionic acids between water and anisole. Kh. R. Rakhimov, D. Allamuratov. Trudy Tash GU no 288:128-130 1967.

Method of immunodiffusion analysis of protein mixtures in objects with a 150 micron diameter. S. S. Vasil'skiy. Biol. eksp. biol. med. 64 no 10:108-109 O 1967.

Photometric determination of indium. V. S. Podgornova, K. I. S. Abdullatova, Sh. T. Talipov, Uzb. khim. zhur. 11 no 5:25-29 1967.

Properties of various classes of the Karaganda coke. V. I. Khavkin, E. M. Zinchenko, L. I. Khavkina. Koks i khim. no 12:25-30 1967.

543.9 BIOLOGICAL BIOCHEMICAL ANALYSIS AND REACTIONS

Division of blood plasma iodine compounds on ion-exchange resin. V. I. Sukhachev, A. P. Belousov. Lab. delo no 9:561-562 1967.

Cell filtration on sephadex for the separation of nucleoside diphosphate sugars from inorganic salts. E. I. Budovskiy, V. N. Shibaev. Vop. med. khim. 13 no 5:554-556 S-O 1967.

546 INORGANIC CHEMISTRY

Anodic polarization of sulfides in oxide melts. V. D. Shantarin, O. A. Esau, V. N. Boronkov. Elektrokhim. 3 no 11:1403-1405 N 1967.

Effect of the enrichment by the carbon isotope C^{13} of methane in the process of its filtration in rocks. E. M. Galimov. Geokhimiya no 12:1504-1505 D 1967.

Electrochemical behavior of titanium-platinum alloys in the processes of anodic oxidation. Part I. Kinetics and selectivity of the process of simultaneous formation of O_2 , H_2SO_4 and O_3 on a titanium-platinum alloy. D. G. Kuznetsova, F. I. Borisev, V. I. Veselovskiy. Elektrokhim. 3 no 11:1364-1369 N 1967.

50 years of the development of science of inorganic materials in the Soviet Union. Izv. AN SSSR, Neorg. mat. 3 no 10:1723-1751 O 1967.

Investigation of the physicochemical properties of mixed samarium hexamethanates with potassium. G. P. Aleksandrov, Z. I. Iorish, L. N. Shuter. Ukr. khim. zhur. 33 no 7:658-660 1967.

Quantitative determination of zinc and cobalt in bacteriological culture media. G. R. Gadzhieva, Z. Z. Sultanov. Lab. delo no 9:588-589 1967.

Reduction of $\text{Co}(\text{C}_2\text{O}_4)_2$ on a mercury electrode. N. V. Nikolaeva-Fedorovich, N. P. Berezina, I. P. Barbasheva. Elektrokhim. 3 no 10:1182-1186 O 1967.

Reduction of inorganic cations on a dropping mercury electrode in water-alcohol solutions. M. M. Andrushev, N. V. Nikolaeva-Fedorovich, B. B. Damaskin. Elektrokhim. 3 no 10:1247-1250 O 1967.

Sazhin, N. P. [Rare elements and technical progress] Redkie elementy i tekhnicheskii progress. Moskva, Znaniye, 1967. 45 p. (Novoe v zhizni, nauke, tekhnike IV Seriya: Tekhnika, 12)

546(575.4)—Turkmen S. S. R.

Development of science and chemical industry of inorganic substances in Turkmenistan. B. Ch. Charyev, G. S. Sedatkhov. Izv. AN Turk. SSR, Ser. fiz.-tekh. i geol. nauk no 5:37-45 1967.

546.02 ISOTOPES

Evolution model of the formation of the isotopic composition of ore leads. L. S. Tarasov, S. I. Zinov. Geokhimiya no 9:1019-1037 S 1967.

Fractionation of sulfur isotopes at the high-temperature decomposition of sulfides by water vapors. V. A. Grinenko, L. N. Grinenko. Geokhimiya no 9:1049-1055 S 1967.

Instrumental method of the activation determination of the content of macrocomponents by short-lived isotopes. M. Chaika, E. Sabo. Geokhimiya no 9:1105-1115 S 1967.

Interaction of impurity tin in matrices of nontransition metals. V. V. Chelina, A. P. Vinnikov, V. I. Afanas'ev. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no 7:743-745 O 1967.

Isotopic fractionation of carbon in geological processes. G. P. Vinogradov, O. I. Kropotova. Izv. AN SSSR Ser. geol. no 11:3-13 N 1967.

Mössbauer effect of Sn^{119} nuclei in some compounds with garnet structure. I. S. Likhutina, B. V. MHP. Fiz. tver. tela 9 no 11:345-348 N 1967.

546.1 NONMETALS, METALLOIDS

Absorption spectrum of three modifications of solid oxygen in the 34 000 - 42 000 cm^{-1} range. A. F. Prykhodko, T. P. Ptukha, L. I. Shans'kiy. Ukr. fiz. zhur. 12 no 7:1156-1162 JI 1967.

Compounds formed in the system nitrogen peroxide-perchloric acid anhydride - water. V. I. Rosolovskiy and others. Dokl. AN SSSR 176 no 2:349-351 S 1967.

Coulometric method for determining small bromine numbers. Z. V. Maslennikova, V. P. Muzychenko. Trudy VNI NP no 10:88-94 1967.

Determining the chlorine content of diesel fuel with the VNI NP-III additive. E. A. Kuzmina, A. P. Bakhmutskaia. VNI NP no 10:105-108 1967.

Effect of rations with various calcium and phosphorus content on the growth and blood indices of chicks grown for meat. V. S. Kruglov. Khim. v sel. khoz. 5 no 10:49-51 O 1967.

Fluorine-containing β -ketones. Report No. 24. Trifluoro-vinyl fluorosulfate. M. A. Belaventsov, G. A. Sokol'skiy, I. L. Krumins. Izv. AN SSSR Ser. khim. no 11:2461-2465 N 1967.

Molybdenum bromodichlorides. A. A. Gaidukovskiy, V. E. Fedorov. Dokl. AN SSSR 176 no 2:344-345 S 1967.

Rates of dissolution of borates in hydrochloric acid solutions. V. M. Mamutdinova. Zhur. prikl. khim. 40 no 8:1826-1828 Ag 1967.

Reaction of fluorocarbonylhydrides of α -glycolphosphoric acids with 1,3-diene hydrocarbons. Zh. L. Evtkhov, N. A. Razumova, A. A. Petrov. Dokl. AN SSSR 177 no 1:108-111 N-D 1967.

Reduction of arsenic, antimony, germanium compounds by amalgams. Trudy Inst. khim. nauk AN Kazakh SSR 18:99-109 1967.

Thermochemical study of the extraction of nitrates of light lanthanides by tributyl phosphate. A. V. Nikolaev, I. U. Afanas'ev, A. D. Starostin. Dokl. AN SSSR 176 no 1:110-112 S-O 1967.

546.2 NONMETALS, METALLOIDS OF SIXTH AND OTHER GROUPS

Autoepitaxial growth of germanium in chemical crystallization involving the displacement reaction. V. N. Kolesnikov. Ukr. khim. zhur. 33 no 7:690-695 1967.

Boron isomorphism in pyroxenes. S. V. Malinko. Geokhimiya no 9:1083-1089 S 1967.

Centralized supply of carbon dioxide from isothermal clusters to welding stands. E. G. Fainshteyn, I. U. G. Mosenskiy. Svar. proizv. no 6:44-45 Je 1967.

Conversions of (chloromethyl) silacyclocarbenes under the effect of aluminum chloride. N. S. Nametkin and others. Izv. AN SSSR Ser. khim. no 11:2539-2537 N 1967.

Determining dissolved oxygen in inoculations of fodder yeast. M. I. Gorlaev, L. I. Tretyakov, M. G. Pugachev. Trudy Inst. khim. nauk AN Kazakh SSR 19:136-138 1967.

Effect of dispersity of silica component on the phase composition of new formations during the hydrothermal processing of lime silica materials. N. K. Sudina, S. A. no 8:27-43 1966.

Effect of rotation on the density of helium II. B. N. Esel'son and others. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no 7:741-743 O 1967.

Ethynylsilanes in organosodium synthesis. M. F. Shostakovskiy, N. V. Komarov, O. G. Iarosh. Izv. AN SSSR Ser. khim. no 11:2575-2577 N 1967.

Excitation of inert gases at electron-atom collisions. Part 4. Krypton. P. V. Fol'tan. Ukr. fiz. zhur. 12 no 9:424-429 S 1967.

Experience in supplying welding workshops with carbon dioxide without the use of cylinders. N. N. Koltakin and others. Svar. proizv. no 6:42-43 Je 1967.

Fractionation of sulfur isotopes at the high-temperature decomposition of sulfides by water vapors. V. A. Grinenko, L. N. Grinenko. Geokhimiya no 9:1049-1055 S 1967.

R. V. Chernov, I. G. Kuvshinov. Ukr. khim. zhur. 33 no 7:675-679 1967.

Interaction between trimethylsilyl sodium acetylenes and silicon-containing ketones. N. V. Komarov and others. Izv. AN SSSR Ser. khim. no 11:2558-2560 N 1967.

Interaction of calcium hydroxide with hydrogen fluoride vapor. A. B. Tsentaliper, R. P. Vasil'eva. Izv. AN SSSR Ser. khim. no 11:2565-2567 N 1967.

Interaction of selenium with sulfide solutions and with selenide solutions. T. N. Grechev, I. G. Zaitsev. Zhur. prikl. khim. 40 no 8:1683-1686 Ag 1967.

Isomerization of tetrahydrofurfuryl ethers of 1,2-epoxy. N. I. Shuklin, S. N. Khair'kov, I. F. Bol'sheva. Izv. AN SSSR Ser. khim. no 11:2548-2550 N 1967.

Magnesium-thermal method for the production of metal borides. L. A. Markovskiy, N. V. Vekselina. Zhur. prikl. khim. 40 no 8:1824-1826 Ag 1967.

Organosilicon iminoyl polyradicals. G. T. Pavlov, E. G. Rozantsev. Izv. AN SSSR Ser. khim. no 11:2470-2471 N 1967.

Oxidation regularities of calcium sulfide in the air by bulk. P. P. Budnikov, V. I. Apodas. Dokl. AN SSSR 176 no 2:388-391 S 1967.

Oxygen solubility in liquid cobalt and nickel. I. I. P. I. A. Novokhatskiy, I. U. Lobanov. Teor. i prikl. fiz. 8:158-162 1966.

Phase diagram of arsenic trisulfide at pressure up to 20 kbars. V. A. Kirkin'skiy, A. P. Vinnikov, V. G. Lukashov. Izv. AN SSSR Neorg. mat. 3 no 10:48-49 1967.

Physicochemical study of the ternary system $\text{KOH} - \text{H}_2\text{O}_2 - \text{H}_2\text{O}$. T. A. Dobynina, N. A. Akhmedova, A. V. Chernysheva. Izv. AN SSSR Ser. khim. no 11:2561-2567 N 1967.

Polarographic study of the system $\text{Fe}^{3+} - \text{H}_2\text{O}_2 - \text{H}_2\text{O}$. I. U. S. Miliavskiy, S. I. Simakova. Izv. AN SSSR Ser. khim. no 11:2384-2386 N 1967.

Polymethylenesilane conversion under the effect of aluminum chloride. N. S. Nametkin, V. M. Vdovin, S. Pusticheva. Izv. AN SSSR Ser. khim. no 11:2537-2541 N 1967.

Production of finely dispersed silica by pyrohydrolysis of silicon tetrafluoride in the gas phase. Z. G. Smirnova and others. Zhur. prikl. khim. 40 no 8:1867-1875 Ag 1967.

Propylene reaction with methyl alcohol and carbon monoxide. V. I. Gankin and others. Zhur. prikl. khim. 40 no 8:1862-1864 Ag 1967.

Reaction of α,ω -dichlorodimethylsiloxanes with n-butylamine. K. A. Andrianov and others. Izv. AN SSSR Ser. khim. no 11:2546-2548 N 1967.

Refraction characteristics of alkali metal oxides. V. I. Sokolov, M. S. Dobolubova. Izv. AN SSSR Ser. khim. no 11:2561-2562 N 1967.

Solubility of oxygen in sulfuric acid at high temperatures and pressures. A. V. Klueva. Sbor. Ural politekh. in- no 155:39-44 1967.

Study of tellurium dioxide solubility in the system, $\text{HF} - \text{TeO}_2 - \text{H}_2\text{O}$. T. Kh. Imamov, O. A. Abatov. Ukr. khim. zhur. 11 no 5:53-54 1967.

Terekhov, V. F., and E. M. Savitskiy. [Yitrium] khim. Moskva, Nauka, 1967. 156 p.

Thermal decomposition of calcium borates. N. A. Dubova, L. G. Berg, P. F. Rea-Zade. Azerb. khim. zhur. no 4:54-58 1967.

Thermal decomposition of ozone. E. I. Intezarova, V. V. Kondrat'ev. Izv. AN SSSR Ser. khim. no 11:2449-2451 N 1967.

X-ray spectra of boron and its compounds. V. A. Pomolchev. Fiz. tver. tela 9 no 11:3167-3171 N 1967.

546.2(471.64)—Kabardino-Balkar S. S. R.

Fractionation of oxygen isotopes in the process of the formation of granitoids of Tyrny-Auz. G. V. Nesterenko, E. I. Dantsova. Geokhimiya no 12:1445-1452 D 1967.

546.2(571.51)—Krasnoyarsk Territory

Peculiarities of boron distribution in the Jurassic coals of Angara-Chulym Trough depending on paleogeographic conditions of sediments and peat accumulation. P. P. Timofeev and others. Khim. tver. topl. no 5:95-102 S-O 1967.

546.2(575.3)—Tajik S. S. R.

Geochemistry of strontium in Upper Paleozoic granitoids of the southern Gissar Range (Tajikistan). V. V. Mogarovsky, A. K. Mel'nikenko. Geokhimiya no 9:1090-1098 S 1967.

546.3 METALS

Complex formation of copper, zinc, palladium, cadmium with N-methylanabasine- α -azo-azotol PA (MAAZ 'PA'). Sh. T. Talipov, R. Kh. Dzhanbaeva, S. E. Polipskaia. Trudy Tash GU no 288:95-99 1967.

Complex formation of copper, zinc, palladium with N-methylanabasine- α -azo-azotol KHA' (MAAZ 'KHA'). R. Kh. Dzhanbaeva, S. E. Polipskaia, Sh. T. Talipov. Trudy Tash GU no 288:90-94 1967.

Conditions for the appearance of the continuum in the vapor absorption spectrum of ligand M at the Hg^{2+} 2537 Å line. G. I. Zay'lov, N. A. Prilezhaeva, A. I. Zay'lova. Izv. vys. uchob. zav. fiz. 10 no 9:140-143 1967.

Copper alloys with selenium and tellurium. G. P. Sorokin, S. P. Muntian. Izv. AN SSSR, Neorg. mat. 3 no 10:1805-1811 O 1967.

- 546.3 (Continued)
- Detection of quantum oscillations of conductivity in thin antimony films. I. U. F. Komnik, E. I. Bukhtab, Pis' vied. Zhur. eksp. i teor. fiz. 6 no. 3 535-540 Ag '67
- Effect of heating temperature on the ductility of magnesium oxide lattice and its capacity to sintering. V. A. Bron, M. I. Dneprova, L. P. Sudakova. Izv. AN SSSR Neorg. mat. 3 no. 10 1870-1875 O '67
- Effect of the current density, material, and the backing treatment method on the internal strains of electroplated iron-nickel films. V. V. Goshmanov, N. M. Prizak. Izv. vys. ucheb. zav., fiz. 10 no. 9 10-13 '67
- Electric conductivity of some ferroelectric semiconductors of groups V, VI, and VII. T. A. Pikka, Kristallografiya 12 no. 6 1075-1076 N-D '67
- Electron diffraction study of tantalum dioxide in thin films. V. I. Khitrova, V. V. Klechkovskaya, Z. G. Pinsker. Kristallografiya 12 no. 6 1044-1050 N-D '67
- Electron paramagnetic resonance method of studying oxidized complexes of nickel and palladium with α -benzylideneoxime. N. S. Garifjanov and others. Dokl. AN SSSR 176 no. 2 328-331 S '67
- Ethynylsilanes in organosodium synthesis. M. I. Shostakovskii, N. V. Komarov, O. G. Iarosh, Izv. AN SSSR Ser. khim. no. 11 2575-2577 N '67
- Evaporation of salt solutions with the formation of crystals in the apparatus with natural convection and external boiling. G. M. Kovalev, V. S. Fokin, I. M. Koval'. Fhim. i nef. mashinost. no. 10 10-21 O '65
- Fiftieth anniversary of science in Soviet Russia. Fiz. i khim. obshch. mat. no. 1 1-1 Ji-Ag '67
- Flame photometric method of determining the amount of sodium and potassium in the ash of solid fuels. T. G. Segeeva. Khim. i tekhn. topi. no. 5 86-90 O '67
- Formation of NiO - MgO solid solutions in the thermal decomposition of their mixed hydroxides. S. Z. Roginskii, V. A. Seleznev, M. A. Kuchinets. Dokl. AN SSSR 177 no. 1 152-154 N-D '67
- Interaction of aluminum with fused sodium hydroxide. S. I. Kuznetsov, V. K. Shcherbakov, V. V. Fokin. Zhur. prikl. khim. 40 no. 8 1020-1024 Ag '67
- Interaction of an electron stream with materials. V. K. Popov. Fiz. i khim. obshch. mat. no. 1 1-21 Ji-Ag '67
- Magnetic properties of metals. Solid solutions of antimony in bismuth. R. I. Vorkin, L. B. Kur'micheva, I. V. Sverchukova. Pis'vied. Zhur. eksp. i teor. fiz. 6 no. 7 757-759 O '67
- Magnetic susceptibility of Mg-Cd alloys. P. P. Kuz'menko, I. I. Kalina, P. O. Suprunenko. Ukr. fiz. zhur. 12 no. 9 1496-1500 S '67
- Metallic phases isolated from tungsten-containing nickel alloys. B. Golubtsova, S. M. Savateeva. Dokl. AN SSSR 176 no. 1 80-82 S-O '67
- Metals and alloys in low-temperature technology. D. V. Lebedev, B. M. Ovsiannikov. Metalloved. i term. obrab. no. 11-12-31 N '67
- Mossbauer and X-ray studies of the highly dispersed Fe + 12 at. % Ni alloy. M. A. Gen and others. Fiz. i tekhn. 12 no. 11 3141-3141 N '67
- Nonlinear effect in thin superconducting thin films at superhigh frequencies. G. E. Churlov and others. Pis'vied. Zhur. eksp. i teor. fiz. 6 no. 7 752-755 O '67
- Nonlinear properties of a superconducting lead film at superhigh frequencies. S. A. Peskovskii, I. I. Eru, O. I. Baidakov. Pis'vied. Zhur. eksp. i teor. fiz. 6 no. 7 759-762 O '67
- Nucleation of martensite in iron-nickel alloys possessing explosionlike transformation kinetics. O. P. Maksimova, V. V. Nemirovskii. Dokl. AN SSSR 177 no. 1 81-84 N-D '67
- On the conductivity of transition metals. G. V. Samsonov, I. U. B. Pandeiro, B. M. Rud', Izv. vys. ucheb. zav., fiz. 10 no. 11 129-131 '67
- Optical properties of some alloys of the ternary system zinc - indium - sulfur. A. M. Andriash and others. Izv. AN SSSR, Neorg. mat. 3 no. 10 1812-1818 O '67
- Preparation of lead selenide by the selenosulfate method. G. G. Rybnikova and others. Izv. AN SSSR Neorg. mat. 3 no. 10 1934-1935 O '67
- Properties of metals under hydrostatic compression. D. M. Mekhoniseva, M. L. Konissarova, S. D. Volkov. Fiz. i tekhn. 12 no. 4 732-736 O '67
- Remarks concerning the article "On the work function of metals." G. V. Samsonov, V. S. Fomenko, I. A. Podchernyaeva. Zhur. tekhn. fiz. 37 no. 12 2245-2246 D '67
- Selecting and investigating alloys for working in pairs with copper under sliding friction conditions. M. I. Ametov, M. K. Aliev. Za tekhn. prog. 7 no. 10 20-31 O '67
- Silicon films produced by the rhotaxial method. L. O. Khomenko and others. Ukr. fiz. zhur. 12 no. 7 1219-1221 Ji '67
- Structure and properties of CdSe_xSe_{1-x} films obtained by vacuum deposition from molecular beams. M. V. Ilavrylenko and others. Ukr. fiz. zhur. 12 no. 9 1615-1619 S '67
- Structure of ultrathin films obtained by condensing tantalum and iridium in a vacuum. D. I. Lainer, V. A. Kholmianskii. Kristallografiya 12 no. 6 1051-1057 N-D '67
- Study of suboxides of transition group metals. L. I. Kornilov. Izv. AN SSSR, Neorg. mat. 3 no. 10 1851-1861 O '67
- Studying the $\alpha \rightarrow \beta$ transitions in GeTe - SnTe alloys at high pressure. S. S. Kabalkina, N. R. Serebriannaya, L. F. Vereshchagin. Fiz. i tekhn. 12 no. 11 3208-3211 N '67
- Superconductivity of alloys in the system Nb₃Al - Nb₃Ge. N. V. Ageev and others. Pis'vied. Zhur. eksp. i teor. fiz. 6 no. 10 901-904 N '67
- Surface tension of some molten metals in a wide range of temperatures. V. B. Lazarev. Teor. i eksp. khim. 3 no. 4 501-507 Ji-Ag '67
- Temperature dependence of the electric resistance of tungsten and yttrium hydrides. V. I. Savin and others. Fiz. i tekhn. 12 no. 4 711-713 O '67
- Theoretical determination of the energy of packing defects in nontransition metals. G. L. Krasko and others. Fiz. i tekhn. 12 no. 11 3059-3062 N '67
- Theory of the reverse branch of the statistical characteristics of a germanium diode in the prebreakdown region. I. M. Senderikhin. Izv. vys. ucheb. zav., fiz. 10 no. 9 121-128 '67
- Use of nuclear magnetic resonance and infrared spectroscopy for studying the structure of lanthanum molybdate and tungstate crystal hydrates. A. M. Golub and others. Teor. i eksp. khim. 3 no. 1 494-497 Ji-Ag '67
- 546 3(476)—White Russian S.S.R.
- Rock outcrops at the Starobin deposit of potassium salts. N. P. Krasnokutskii. Geol. zhur. 142 no. 5 61-65 My '67
- 546.4 METALS OF THE SECOND GROUP ALKALINE EARTHS
- Calcium sulfosulfate. Akhmedov, M. A. and others. Uzb. khim. zhur. 11 no. 5 8-10 '67
- Calcium character of twinning of single crystals of zinc at low temperatures. V. P. Soldatov. Fiz. i tekhn. 12 no. 4 711-713 O '67
- Dehydration of acetylhydrazides of calcium, strontium, and barium peroxides. A. B. Tsentseper, R. P. Vasil'eva. Izv. AN SSSR Ser. khim. no. 11 2563-2565 N '67
- Distribution of metal on cathode surface in zinc plating from ammonium chloride electrolytes. M. E. Lence, A. N. Shirayeva, M. S. Alibayeva. Zhur. prikl. khim. 40 no. 8 1763-1766 Ag '67
- Effect of acetone on the polarographic behavior of cadmium ions. O. I. Khol'shanovskii. Ukr. khim. zhur. 33 no. 7 682-685 '67
- Effect of rations with various calcium and phosphorus content on the growth and blood indices of chicks grown for meat. V. S. Kruglov. Khim. v sel. khoz. 5 no. 10 10-61 O '67
- Interaction of calcium hydroxide with hydrogen peroxide vapor. A. B. Tsentseper, R. P. Vasil'eva. Izv. AN SSSR Ser. khim. no. 11 2565-2567 N '67
- Kinetics and mechanism of phase transitions of calcium sulfate in phosphate solutions containing magnesium at 80° S. I. A. Shpunt, Z. I. Guseva. Zhur. prikl. khim. 40 no. 8 1875-1883 Ag '67
- N-methylanthranilate - α -azo- α -naphthol as an analytical reagent for determining cadmium. T. B. Anisimova, V. S. Podgornova, I. P. Shestirova. Trudy Tash GU no. 288 109-115 '67
- Phosphorites containing strontium. V. Z. Bliskovskii, V. A. Efimova, L. V. Romanova. Geokhimiya no. 12 1508-1512 D '67
- Physicochemical properties of the system MgBr₂ - MgSO₄ - H₂O at 25° C. N. I. Timochina, A. D. Abdulkhalilov, S. K. Karcev. Trudy Tash GU no. 280 131-133 '67
- Study of pentachlorophenyl derivatives of mercury by means of nuclear quadrupole resonance of C¹³⁵. V. I. Begadze and others. Teor. i eksp. khim. 3 no. 4 547-550 Ji-Ag '67
- Study of solid solutions in the systems HgTe--HgS and HgSe--HgS. F. F. Kharakhonin and others. Dokl. AN SSSR 176 no. 1 62-65 S-O '67
- Synthesis of heterocyclic mercury derivatives of acetoxy- and methoxyferrocene. A. N. Nemutlanov, A. G. Kozlovskii. Izv. AN SSSR, Ser. khim. no. 11 2574-2575 N '67
- Transformations of fibrous calcium hydrosulfates of the CSII (B) group in the autoclave processing of silicate concrete. P. P. Baidakov, L. A. Kotelchuk, B. N. Vinogradov. Dokl. AN SSSR 176 no. 1 147-149 S-O '67
- Using N-methylanthranilate - α -4-azo- α -aminophenol (MAAP) for photometric determination of beryllium in aluminum alloy and addition alloys. R. Kh. Dzhanbaeva, N. T. Turakhanova, Sh. T. Talipov. Trudy Tash GU no. 288 54-57 '67
- 546.5 COPPER, SILVER AND GOLD GROUP
- Adsorption of oxygen and interaction of adsorbed oxygen with molecular hydrogen on silver films. G. K. Borezhov, A. V. Khasin. Dokl. AN SSSR 177 no. 1 145-148 N-D '67
- Aspects of elution of complex silver thiosulfate ions from anion exchange resins after adsorption. A. B. Davankov, V. M. Laufer, L. B. Zubakova. Zhur. prikl. khim. 40 no. 8 1718-1722 Ag '67
- Behavior of copper in processes of the chamber stage of trap magma differentiation. N. P. Smirnova, A. I. Al'mukhamedov. Geokhimiya no. 12 1458-1467 D '67
- Composition of the slag from shaft furnace smelting of secondary metals and pyroselection. A. I. Tikhonov, A. V. Kileva. Shor. Ural. politekh. inst. no. 155 88-91 '67
- Deposition of copper alloys on steel by means of a constrained jet with a current-carrying wire filler. I. U. Krasulin, A. E. Vainerman, M. Kh. Shorshorov. Svar. proizv. no. 6 5-7 Je '67
- Effect of copper on the growth of nitrogen-fixing mycobacteria by utilizing molecular and bound nitrogen. T. P. Il'ma, Mikrobiologiya 36 no. 6 964-969 N-D '67
- Electrode-photometric determination of copper. T. B. Amirhanova, V. S. Podgornova, I. P. Shestirova. Trudy Tash GU no. 288 121-123 '67
- Method for determining the copper content of residual fuels with additives. M. V. Titustangelova. Trudy VNIIP no. 10 137-139 '67
- N-methylanthranilate [α -4-azo-2- α -naphthol-5-sulfonic acid as metallochromic indicators for copper. R. Kh. Dzhanbaeva, Sh. T. Talipov, A. L. Kirika. Trudy Tash GU no. 288 69-73 '67
- Photometric determination of copper by means of some anionic-base azo dyes. G. Kamayeva and others. Uzb. khim. zhur. 11 no. 5 14-17 '67
- Problem of slag depletion in pyroselection processes. A. I. Tikhonov. Shor. Ural. politekh. inst. no. 155 83-87 '67
- Solubility product of the simple cyanide of gold. V. M. Kur'mykh, N. G. Tsurin. Shor. Ural. politekh. inst. no. 155 123-125 '67
- 546 5(471 5)—Ural regions
- How to organize the elaboration and economic justification of the organizational and technical plan at the Ural copper works. A. Kh. Bannin, K. V. Gavrilova, A. P. Bychkova. Shor. Ural. politekh. inst. no. 155 117-152 '67
- State of the complex utilization of raw materials in the copper industry of the Ural. L. I. Grossman, Shor. Ural. politekh. inst. no. 155 153-159 '67
- 546.6 METALS OF THE THIRD GROUP
- Determination of indium for the diaphragm method of internal electrolysis. A. K. Zhdanov, A. A. Naroditskii. Trudy Tash GU no. 288 142-141 '67
- Determination of stability constants for some neodymium complexes by the spectrographic method. T. V. Ternovskaya, N. A. Kostromina, I. B. Romanenko. Ukr. khim. zhur. 33 no. 7 651-657 '67
- Effect of plastic deformation and aging on the structure of the AlMg alloy. V. A. Pavlov, S. A. Pizich. Fiz. i tekhn. 12 no. 4 720-726 O '67
- Electrocapillary phenomena on indium-antimony alloys. T. N. Priskina, V. A. Kuznetsov, A. M. Nefedova. Elektrokhimiya 3 no. 11 1385-1389 N '67
- Factors of the geochemical history of rare elements in the granite magmatic process. L. V. Tauson. Geokhimiya no. 11 1310-1319 N '67
- Fatigue strength of joints in metal structures made of the AlMg alloy. V. A. Pavlov, S. A. Pizich. Trudy LPI no. 285 89-94 '67
- Gallium phosphide zone melting without crucible. I. U. I. I'm, V. S. Sorokin, D. A. Iankov. Izv. AN SSSR, Neorg. mat. 3 no. 10 1836-1838 O '67
- Interaction of aluminum with fused sodium hydroxide. S. I. Kuznetsov, V. K. Shcherbakov, V. V. Fokin. Zhur. prikl. khim. 40 no. 8 1020-1024 Ag '67
- Magnetic field effect on absorption in gallium arsenide. R. V. Emin and others. Fiz. i tekhn. poluprov. 1 no. 10 1453-1455 '67
- Photometric determination of indium. V. S. Podgornova, K. I. Abdullaeva, Sh. T. Talipov. Uzb. khim. zhur. 11 no. 5 25-29 '67
- Potassium pyrophosphatofluorides. E. N. Deichman, I. V. Tananayev, Zh. Z. Fzova. Izv. AN SSSR, Neorg. mat. 3 no. 10 1916-1917 O '67
- Rare earth element desorption from a tungsten surface. N. I. Alekseev. Zhur. tekhn. fiz. 37 no. 12 2224-2228 D '67
- Reaction of rare earth oxides with sodium borate melts. B. F. Dzhurinskii, I. M. Beliakov, I. V. Tananayev. Izv. AN SSSR, Neorg. mat. 3 no. 10 1876-1880 O '67
- Solubility of titanium dioxide in some molten salts. V. N. Andreeva, E. B. Giltman, I. N. Konushevskaya. Ukr. khim. zhur. 33 no. 7 708-711 '67
- Study of allyl rearrangement in boron compounds by nuclear magnetic resonance. V. S. Bogdanov and others. Teor. i eksp. khim. 3 no. 4 488-493 Ji-Ag '67
- Studying the conditions of thermal decomposition and the interaction between thallium sulfate and its sulfide and carbon. V. I. Deev. Shor. Ural. politekh. inst. no. 155 106-112 '67
- Studying the sorption and separation of ions of certain metals from cerium (IV) on AV-17 ion exchangers from nitric acid solutions. E. I. Kazantsev and others. Shor. Ural. politekh. inst. no. 155 126-133 '67
- Vacuum distillation of yttrium. V. V. Vorobiov. Ukr. fiz. zhur. 12 no. 7 1109-1114 Ji '67
- 546.7 METALS OF THE SIXTH, SEVENTH, EIGHTH GROUPS
- Character of radium and uranium bond in peat. N. A. Titova. Geokhimiya no. 12 1483-1489 D '67
- Complex treatment of oxidized nickel-cobalt ores. V. I. Rybnikov, V. I. Smirnov. Shor. Ural. politekh. inst. no. 155 23-28 '67
- Composition of manganese oxides in Metaflogonitum and Lepidolix cultures. T. A. Kossala. Mikrobiologiya 36 no. 6 1024-1029 N-D '67

- 864-871 S-O '67 Zhur, strukt. khim. 8 no. 5
- Effect of organic additions on the magnetic properties of chemically reduced nickel. A. A. Simkin, T. N. Khopritsa, T. V. Pautalala. Izv. AN SSSR Ser. khim. no. 11 2570-2581 N '67
- Extraction-photometric determination of phenium by methylene blue. V. M. Taitan, S. V. Vartanian. Dokl. AN SSSR 176 no. 3 121-124 '67
- Formation of coatings in spraying tungsten over graphite. G. V. Bobov, V. I. Prizentsev. Sval. prodv. no. 6 15-17 '67
- Geochemistry of phenium in ore deposits. V. V. Ivanov, E. M. Poplavko, V. P. Gorokhova. Geokhimiia no. 12 1430-1444 D '67
- Thermostability of G. N. Pletov, V. I. Kuznetsov. Piroda no. 11 33-44 N '67
- Magnetoresistance of molybdenum and tungsten (determination from the photo law). N. V. Volkovskii, V. A. Novoselov, V. P. Staritskiy. Fiz. met. i metalloved. 24 no. 4 677-682 O '67
- Molybdenum bromiditefluorides. A. A. Opalovskii, V. I. Fedorov. Dokl. AN SSSR 176 no. 2 344-345 S '67
- Polarographic study of the system $\text{Fe}^{2+} - \text{H}_2\text{O}_2 - \text{H}_2\text{SO}_4$. I. U. S. Milyavskii, S. I. Sinikova. Izv. AN SSSR Ser. khim. no. 11 2384-2388 N '67
- Production of neptunium and plutonium in the heptavalent state. N. N. Krot, A. D. Gel'man. Dokl. AN SSSR 177 no. 1 124-126 N-D '67
- Radio-frequency size effect in molybdenum. V. V. Boiko, V. A. Gasparyan, I. G. Gverdtsiteli. Fiz. i tekh. zhur. eksp. i teor. fiz. 6 no. 7 737-741 O '67
- Reduction of molybdenum pentachloride in hydrogen flow. G. I. Pletenetskiy, A. T. Mandrich. Zhur. prikl. khim. 40 no. 8 1830-1832 Ag '67
- Role of regional metamorphism in the formation of the radiogeological zonality of the earth's crust. A. A. Smyslov, V. K. Titov. Izv. AN SSSR Ser. geol. no. 11 30-40 N '67
- Sorption of molybdenum on humic preparations. M. S. Sidi. Geokhimiia no. 12 1489-1492 D '67
- Spectrophotometric determination of phenium using thiosalicylic acid. L. L. Talipova, E. L. Abramova, N. A. Porpuev. Uzb. khim. zhur. 11 no. 5 21-24 '67
- Structure of the products of interaction of ferrocene with dicyanogen and of bisoxazole of ferrocene with ammonium thiocyanate studied by means of gamma-resonance spectroscopy. R. A. Stukar, L. P. Ust'eva. Teor. i eksp. khim. 3 no. 1 514-547 J1-Ag '67
- Study of the decomposition of iron oxalates by using the "derivatographic method" and Mossbauer effect. G. M. Zhabova and others. Teor. i eksp. khim. 3 no. 4 463-487 J1-Ag '67
- Synthesis of heterocyclic mercury derivatives of acetoxy- and methoxyferrocene. A. N. Nesmetanov, A. G. Kozlovskii. Izv. AN SSSR Ser. khim. no. 11 2574-2575 N '67
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- Composition of mineral-forming solutions of some wolframite deposits of eastern Transbaikalia, based on gas-liquid inclusions. T. M. Suschevskaya, G. F. Ivanova. Geokhimiia no. 9 1099-1105 S '67
- 546.8 METALS OF THE FOURTH GROUP, ETC.
- Absorption of antimony trichloride from solution in ethyl tetrachloride by silica gel. I. U. M. Martynov, G. A. Afanas'eva, E. A. Kengul'd. Zhur. prikl. khim. 40 no. 8 1828-1830 Ag '67
- Behavior of germanium telluride in vacuum sublimation. S. G. Kabanov and others. Izv. AN SSSR Ser. geol. mat. 3 no. 10 1793-1796 O '67
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- Complexometric titration of bismuth by means of N-methylammonium- α -azobenzene-7-hydroxyquinoline as indicator. A. L. Kirika, R. Kh. Dzianbaeva, Sh. T. Talipov. Trudy Tash GU no. 288 62-68 '67
- Characteristics of the structure of the VTi5 titanium alloy in a hardened and aged state. V. M. Pollanskii. Fiz. met. i metalloved. 24 no. 4 611-616 O '67
- Effect of M-M interaction on structural and thermodynamic properties of carbides, nitrides, and oxides of IV a and Va subgroup metals. P. V. Gelfand and others. Izv. AN SSSR Ser. geol. mat. 3 no. 10 1835-1841 O '67
- Evolution model of the formation of the isotopic composition of ore leads. L. S. Tarasov, S. I. Zykov. Geokhimiia no. 9 1019-1037 S '67
- Evolution of the isotopic composition of lead of the earth's crust and iron meteorites. B. M. Naidenov, V. V. Cherdyn'tsev. Geokhimiia no. 12 1453-1457 D '67
- Extraction of sulfate complexes of titanium and zirconium mixtures of organic solvents. F. G. Zhairovskii, L. M. Jazovskaya. Ukr. khim. zhur. 33 no. 7 737-739 '67
- Extraction of triethylaminecarboxylic and triethylaminecarboxylic complexes of titanium. I. V. Piatnitskii. R. S. Zhaychenko. Ukr. khim. zhur. 33 no. 7 734-737 '67
- Lead effect in bismuth. I. U. Ogi in, V. N. Lutskii, M. I. Hanson. Fiz. i tekh. zhur. 9 no. 11 3234-3237 N '67
- Ion-exchange properties of zirconium polyphosphates. E. S. Boychikova, T. S. I. Podgorolova. Zhur. prikl. khim. 40 no. 8 1833-1835 Ag '67
- New method for complexometric determination of zirconium. M. Abdurakhmanov, Sh. T. Talipov, R. Kh. Dzianbaeva. Trudy Tash GU no. 288 79-82 '67
- Photometric determination of zirconium in ores. M. Abdurakhmanov, R. Kh. Dzianbaeva, Sh. T. Talipov. Trudy Tash GU no. 288 83-86 '67
- Polarographic behavior of zirconium complex with pyrocatechol violet. L. A. Tserkovnitskaya, N. S. Borovaya. Vest. LGU 22 no. 22 137-140 N '67
- Preparation of niobium oxybromide. E. M. Fedneva, I. U. A. Busiacov, V. L. Alpatova. Izv. AN SSSR Ser. geol. mat. 3 no. 10 1942-1945 O '67
- Study of the acidic properties of zirconium phosphate surface by means of infrared spectroscopy. A. A. Balandin and others. Teor. i eksp. khim. 3 no. 4 561-563 J1-Ag '67
- Temperature dependence of the dimensions of group defects appearing in germanium irradiated by fast neutrons. K. L. Starostin, I. U. F. Tuturov, L. B. Poretskii. Izv. AN SSSR Ser. geol. mat. 3 no. 10 1926-1930 O '67
- Using thermally hardenable β -titanium alloys for welded structures. S. M. Gurevich. Avtom. svar. 20 no. 11 19-22 N '67
- 546.9 ELEMENTS OF THE EIGHTH GROUP
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- Extraction-photometric determination of nickel with N-methylammonium- α -azobenzene-7-hydroxyquinoline (MAN). L. V. Chuprasova, Sh. T. Talipov, R. Kh. Dzianbaeva. Trudy Tash GU no. 288 45-53 '67
- Geochemistry of platinum group elements. O. E. Ushko-N. B. Amirkhanova, I. A. Ivanova, V. S. Podgoranova. Trudy Tash GU no. 288 106-108 '67
- Gravimetric determination of platinum by means of its tetraethoxy complex in the presence of Reimcke salt. I. L. Bagharly, A. A. Albendov. Azrb. khim. zhur. no. 4 59-63 '67
- Mechanism of some transformations of secondary amines in the presence of noble metals of group VII. O. V. Bragin, A. V. Pirozhnikovskii, A. L. Liberman. Izv. AN SSSR Ser. khim. no. 11 2406-2410 N '67
- New method of producing alkyl cobalticinium salts. A. N. Nesmetanov and others. Dokl. AN SSSR 177 no. 1 131-133 N-D '67
- Photometric determination of cobalt by means of N-methylammonium- α -azobenzene-7-hydroxyquinoline. T. B. Amirkhanova, V. S. Podgoranova, I. P. Shksterova. Trudy Tash GU no. 288 116-120 '67
- Photometric determination of palladium by means of 4(2-N-methylammonium- α -azobenzene-7-hydroxyquinoline). K. G. Nigai, N. Khankhkhodzhayev. Trudy Tash GU no. 288 100-105 '67
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- 547 ORGANIC CHEMISTRY
- Anodic oxidation of dicarboxylic acids. Part I. Aqueous solutions of oxalic acid. A. G. Kornienko, L. A. Mikind, N. I. Ploshin. Elektrokhimia 3 no. 11 1370-1378 N '67
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- Cathodic behavior of titanium, zirconium, and niobium in solutions of oxalic acid and benzaldehyde. V. M. Artemova. Elektrokhimia 3 no. 10 1215-1221 O '67
- Change of the surface conductivity and volt-potential in the adsorption of acceptor and donor gases on polyethylene film modified by radiation-thermal treatment. V. B. Margulis, L. I. Boguslavskii. Elektrokhimia 3 no. 10 1266-1268 O '67
- Development of organic chemistry in the U. S. S. R. I. Razvitiye organicheskoi khimii v SSSR. Pod red. V. V. Korshak. Moskva, Nauka, 1967 572 p. (Sovetskaya nauka i tekhnika za 50 let)
- Dielectric losses and conductivity mechanism in low-molecular organic semiconductors. I. U. A. Vidadi, L. D. Rozonshtein. Elektrokhimia 3 no. 10 1241-1244 O '67
- Electron work function of systems consisting of metals coated with a thin phthalocyanine film. K. P. Lobanova, S. D. Levina. Elektrokhimia 3 no. 10 1233-1236 O '67
- Mechanism of the first step of polarographic reduction of organomercury salts. K. P. Butin and others. Elektrokhimia 3 no. 11 1318-1323 N '67
- Mixtures of polyphenyl ethers and polyorganosiloxanes. M. Oparina and others. Khim. i tekh. topl. i masel. 12 no. 10 22-24 O '67
- Motion of the charge carriers in polymeric substances with semiconducting properties. A. V. Vannikov, V. I. Zolotarevskii, D. I. Nariadnikov. Elektrokhimia 3 no. 11 1379-1384 N '67
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- Use of the electron paramagnetic resonance method in studying the slowed down rotations of methyl groups in the d,l-valine radical. T. L. Khaidzhahova, M. I. Kostel'chenko, S. Z. Smul'ina. Ukr. khim. zhur. 33 no. 11 1108 J1 '67
- 547.1 GENERALITIES
- Acylates of aromatic organogallium compounds. I. V. Viktorova and others. Dokl. AN SSSR 176 no. 2 328 S '67
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- 547.2 ACYCLIC, ALIPHATIC COMPOUNDS AND ALKYL COMPOUNDS
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- Calculating the composition of the products of catalytic thermal cracking of n-paraffins. I. U. A. Busiacov, O. I. Kuznetsov. Trudy MINKHIM no. 1 62-98 '67
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- Cleavage of tetrahydrofuran cycle by acid halides. S. I. acid anhydrides. R. M. Ishtian, L. I. Ihtiankhi. Trudy MINKHIM no. 1 62-98 '67
- Comparative evaluation of the properties of catalysts in the dehydrogenation of paraffins. G. M. Panchenkov and others. Trudy MINKHIM no. 1 103-110 '67
- Fluidity of solid-plastic disperse systems based on polydimethylsiloxanes under minimum shear stress. A. A. Trapeznikov, T. I. Zatsopina. Dokl. AN SSSR 176 no. 1 143-146 S-O '67
- Functional activity of aromatic dichloroacetamide derivatives. I. G. Khaskin, E. A. Shomova, A. I. Stoli. biokhimiia 36 no. 6 1019-1023 N-D '67
- Infrared spectra of catalysts and adsorbed molecules. Report No. 5. Methyl alcohol on the aluminum oxide surface. I. I. Lafet, V. I. Lakerson, A. M. Rubin. Izv. AN SSSR Ser. khim. no. 11 2424-2431 N '67
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- Kinetics of tri- and diethyl phosphite hydrolysis. V. B. Bel'skii, G. Z. Molygulin. Izv. AN SSSR Ser. khim. no. 11 2551-2552 N '67
- Mechanism of some transformations of secondary amines in the presence of noble metals of group VIII. O. V. Bragin, A. V. Pirozhnikovskii, A. L. Liberman. Izv. AN SSSR Ser. khim. no. 11 2406-2410 N '67
- Nitronic esters in reactions of 1,3-addition. Report No. 1. Reaction of O-methyl ether of nitrophenylhydrazine on Gignard reagents. S. L. Ioffe and others. Izv. AN SSSR Ser. khim. no. 11 2522-2526 N '67
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- Polymerization accompanied by polyrecombination in the decomposition of bis-diazo compounds in the presence of vinyl monomers. M. F. Shostakovskii and others. Dokl. AN SSSR 176 no. 1 1119-1121 S-O '67
- Propylene reaction with methyl alcohol and carbon monoxide. V. I. Gankin and others. Zhur. prikl. khim. 40 no. 8 1882-1884 Ag '67
- Protective action of some organophosphorus compounds in the radiation-induced degradation of polymethyl methacrylate. L. V. Kondrat'eva and others. Vysokomol. Soedin. 9 no. 10 751-755 O '67
- Reaction between oleic acid and the main components of cement stone. G. D. Dibrov, S. S. Trofimova. Dokl. AN SSSR 176 no. 2 392-394 S '67
- Reaction of α , ω -dihydrimethylsilazanes with nucleophilic reagents. K. A. Andrianov and others. Dokl. AN SSSR 176 no. 1 85-88 S-O '67
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- Reaction of organomagnesium compounds with 2,4,6-tri-tert-butylphenoxyl. V. V. Ershov, A. A. Volod'kin, M. V. Tarkhanova. Izv. AN SSSR Ser. khim. no. 11 2473 N '67
- Role of basicity and stereospecificity in nucleophilic analysis by tertiary amines. L. M. Litvinenko, A. I. Kulichenko. Dokl. AN SSSR 176 no. 1 97-106 S-O '67
- Some reactions of perfluoroalkyl isocyanates. D. I. Del'tsova, M. P. Krasukala, I. L. Kuznetsov. Izv. AN SSSR Ser. khim. no. 11 2567-2569 N '67
- Study of exchange reactions in phenylmercury compounds by means of nuclear magnetic resonance. L. A. Fedorov and others. Teor. i eksp. khim. 3 no. 4 556-558 J1-Ag '67

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- Mobility of halogen in the cyclopentadienyl ring of chloro-cyclopentadienylbenzenes. A. N. Nescimianov, N. A. Vol'kenau, L. S. Isaeva. Dokl. AN SSSR 176 no. 1 106-109 S-O '67.
- New method for synthesis of thioanhydrides of allylthianthine acids. S. M. Gurvich and others. Zhur. prikl. khim. 40 no. 8 1858-1859 Ag '67.
- Opening of the 1 ring of spirocyclic alkaloids by means of potassium borohydride. V. P. Jil'ev, G. A. Tolstikov, M. I. Gorlachev. Dokl. AN SSSR 176 no. 1 122-123 S-O '67.
- Orthophosphates of aromatic diazo compounds. V. V. Kozlov, T. D. Silava. Dokl. AN SSSR 177 no. 1 115-119 N-D '67.
- Ortho-substituted rearrangement of some substituted salts of benzyltrialkyl ammonium. A. A. Azolan. Arm. khim. zhur. 20 no. 8 638-648 '67.
- Phenol composition in two types of canned fish. I. I. Lapshin, T. G. Rodina, Ryb. khoz. 43 no. 12 63-66 '67.
- Preparation of succinic acid esters based on succinonitrile. V. V. Iokhina, S. I. Plakunova, A. S. Potlan'skiy. Azerb. khim. zhur. no. 4 22-24 '67.
- Reaction of organomagnesium compounds with 2,4,6-tri-tert-butyl-phenol. V. V. Ershov, A. A. Volod'kin, M. V. Tarshanova. Izv. AN SSSR Ser. khim. no. 11 2170-2173 N '67.
- Relation between the coordination number of aluminum in natural crystalline aluminosilicates and their activity in the alkylation of toluene by propylene. I. M. Kolesnikov, G. M. Panchenko, E. A. Morozov. Trudy MINKHGP no. 69 31-36 '67.
- Some derivatives of α, β, γ -trifluoro- α - and α -toluidine. R. P. Malichenko, I. M. Ievchenko, L. M. Lagunovskii. Ukr. khim. zhur. 33 no. 7 717-719 '67.
- Spectrophotometric method of quantitative determination of aromatic amines in polymer antileakants. V. P. Kurpichev, A. I. Kabanov. Vest. LGU 22 no. 22 111-116 N '67.
- Spectrophotometric study of the reaction of hexa-substituted benzene with sulfuric acid. A. G. Ginzburg, V. N. Setkina, D. N. Kusanov. Dokl. AN SSSR 177 no. 1 105-107 N-D '67.
- Study of intermolecular reactions in phenolsulfonic acid salts by means of infrared spectroscopy. K. K. Kalan'sh, B. G. Belen'kiy. Izv. AN SSSR Ser. khim. no. 11 2118-2121 N '67.
- Study of polyphenols in subtropical persimmon fruits. T. P. Kotlii, Prikl. biokhim. i mikrobiol. 3 no. 6 744-747 N-D '67.
- Synthesis of isopropylthiobenzene and separation of a mixture of its isomers. R. G. Semilov and others. Azerb. khim. zhur. no. 3 71-75 '67.
- Synthesis of the esters of dihydrodicyclopentadiene. B. K. Zelnalov, S. A. Iskenderova, E. N. Burunova. Azerb. neft. khoz. 46 no. 6 36-38 Je '67.
- Synthetic transformations of resin acids. Report No. 1. Oxidation of dehydroabietic acid derivatives in γ -keto compounds. G. A. Tolstikov, M. P. Ismetov, M. I. Gorlachev. Trudy Inst. khim. nauk AN Kazakh, SSR 10 72-76 '67.
- Tetraphenylporphyrin and its complexes with metals as photosensitizers. A. T. Vartanian. Fiz. i tekhn. poluprov. 1 no. 10 1515-1521 '67.
- 547.6 POLYCYCLIC (MULTIRING) ISOCYCLIC COMPOUNDS**
- Acylation of naphthalene with allyl alcohol in the presence of acid catalysts. Ch. A. Iustov and others. Azerb. khim. zhur. no. 1 12-16 '67.
- Changes in the ultrastructure of nucleoli of normal fibroblasts of mice induced by 7,12-dimethylbenzo-g-anthracene. I. U. S. Cheliov, L. V. Ol'shevskaia. TSitologia 9 no. 9 1151-1153 '67.
- Infrared absorption spectra of radical-anions of naphthalene and anthracene. I. A. Kachurova. Teor. i eksp. khim. 3 no. 1 498-503 Ji-Ag '67.
- Isomerization of methyl-naphthalene on silicic acid, andalusite, and cyanite. I. M. Kolesnikov, G. M. Panchenko, V. P. Dorokhin. Trudy MINKHGP no. 69 47-52 '67.
- Isomerization of monomethylnaphthalenes on the CaX and CaY type synthetic zeolites under atmospheric pressure. G. M. Panchenko and others. Trudy MINKHGP no. 69 60-66 '67.
- Mechanism of the second two coupling of monoazo derivatives of chromotropic acid taken in the form of cyclic salts. S. B. Savvin and others. Izv. AN SSSR, Ser. khim. no. 11 2389-2395 N '67.
- Preparation of sulfur-free Toti alin for the synthesis of α -naphthol. I. I. Tru, E. M. Zeldits, M. M. Podorozhanskii. Koks i khim. no. 12 17-50 '67.
- 547.7 HETEROCYCLIC COMPOUNDS**
- Analogues of 1-pyrimidinonucleosides of N-(β -amantyl) derivatives of natural pyrimidine bases and their antimetabolites. A. Giller, R. A. Zhuk, M. I. Lidak. Dokl. AN SSSR 176 no. 2 332-335 S '67.
- Certain condensation reactions of methylenketones in the presence of anhydrous perchloric acid. V. G. Tishchenko, R. A. Semenenko, R. I. Shydenko. Ukr. khim. zhur. 33 no. 7 726-722 '67.
- Cleavage of tetrahydrofuran cycle by acid halides and acid anhydrides. R. M. Isiphan, L. I. Belen'kiy, I. A. L. Gol'dfarb. Izv. AN SSSR, Ser. khim. no. 11 2513-2522 N '67.
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- Electronic structure and spectra of carbonyls of methyl-substituted nitrogen heterocycles by the Poppe-Pariser-Carr method of MO ICAO. M. N. Adamov, A. A. Kane, I. F. Tupitsyn. Teor. i eksp. khim. 1 no. 4 437-443 Ji-Ag '67.
- Hydrolysis of phospholene and oxaphospholene derivatives. B. A. Aizikov and others. Dokl. AN SSSR 176 no. 2 323-325 S '67.
- Mechanism of poly-(4-phenyl) 1,2,4-triazole formation. V. V. Koshchey, E. S. Krongauz, A. V. D'achenko. Dokl. AN SSSR 176 no. 2 338-340 S '67.
- Polybenzoxazoles. L. V. Boflo, V. V. Koshchey, S. A. Pavlova. Izv. AN SSSR Ser. khim. no. 11 2435-2440 N '67.
- Proteolytic enzyme model based on poly-4-vinylpyridine partially alkylated by benzyl chloride. I. U. E. Kirsh, V. A. Kabanov, V. A. Kargin. Dokl. AN SSSR 177 no. 1 112-115 N-D '67.
- Spatial structure and physiological activity of local anesthetics of the decalhydoquinoline series. K. I. Khudenko, G. S. Litvinenko, D. V. Solovov. Trudy Inst. khim. nauk AN Kazakh, SSR 19 3-22 '67.
- 547.9 NATURAL SUBSTANCES (OF UNKNOWN COMPOSITION)**
- Adsorption technology for separation of alkaloids from the plant *Haplophyllum foliosum*. T. T. Shakhov, L. T. Avazmamedov. Uzb. khim. zhur. 11 no. 5 75-78 '67.
- Alkaloid plants of Kazakhstan. V. I. Kozlova, M. I. Gorlachev. Trudy Inst. khim. nauk AN Kazakh, SSR 19 120-124 '67.
- Analogues of 1-pyrimidinonucleosides of N-(β -amantyl) derivatives of natural pyrimidine bases and their antimetabolites. A. Giller, R. A. Zhuk, M. I. Lidak. Dokl. AN SSSR 176 no. 2 332-335 S '67.
- Antibody production by single cells in the immunization of animals with soluble protein. I. A. S. Shvartsman. Biol. eksp. biol. i med. 61 no. 10 63-67 O '67.
- Behavior of model substances in the process of hydrogenolysis. V. P. Bionovskii, L. L. Kalinskaya. Uzb. khim. zhur. 11 no. 5 79-81 '67.
- Biosynthesis of nucleic acids in the silk gland of a silkworm. P. Kuliyev, O. N. Mamedkhazov. Izv. AN Turk. SSR, Ser. biol. nauk no. 4 3-9 '67.
- Biosynthesis of phenol compounds in chloroplasts. M. N. Zapirovskiy, S. V. Koloskova. Dokl. AN SSSR 176 no. 2 470-473 S '67.
- Carotenoid synthesis by *Blakeslea trispora* on media with different carbohydrate sources. F. B. Kolot, M. G. Gulyshova. Prikl. biokhim. i mikrobiol. 3 no. 6 738-741 N-D '67.
- Catalytic effect on hydroxylamine reaction rate with nucleic acids under various modification conditions. M. F. Turchinskii, F. D. Serdov, F. I. Budakovskiy. Mol. biol. 1 no. 5 622-627 S-O '67.
- Changes in RNA-polymerase properties during binding to DNA and the initiation of RNA synthesis. R. B. Khenn and others. Mol. biol. no. 5 716-731 S-O '67.
- Chemical composition of soluble resins of various origins. L. V. Kromina, D. V. Tishchenko. Gidroliz. i lesokhim. prom. 18 no. 7 9-12 '65.
- Chemistry of lipids. Report No. 9. Synthesis of R- α -L-phosphatidyl- γ -L-alanylglycerol and comparison of synthetic O-alanyl esters of phosphatidylglycerol with natural liposome acid from *Chlorella* cells. I. U. G. Molokovskiy, L. D. Bergel'son. Izv. AN SSSR Ser. khim. no. 11 2498-2504 N '67.
- Composition of free amino acids and soluble proteins in the root growth area of corn seedlings. E. D. Khavkin, M. N. Varakina. Agrokhimia 12 18-26 N '67.
- Condensation of 2,4,6-trimethylpyrylium perchlorate with amino acids and peptides. A. N. Naikovich, G. N. Dorofenko, I. U. A. Zindanov. Dokl. AN SSSR 176 no. 1 103-105 S-O '67.
- Dehydration effect on the reaction of vanthophyll reduction. D. I. Sapozhnikov, A. G. Batolova. Dokl. AN Tadzh. SSR 10 no. 9 57-59 '67.
- Determining amino acid composition of yeast protein by the paper chromatography method. Trudy Inst. khim. nauk AN Kazakh, SSR 19 139-142 '67.
- Diel lipids. Report No. 6. Mass spectrometric study of diols and triols. N. S. Vaf'as and others. Izv. AN SSSR Ser. khim. no. 11 2416-2418 N '67.
- Distillation of wood resins and their products. Report No. 3. A. N. Bagaev. Gidroliz. i lesokhim. prom. 18 no. 7 13-15 '65.
- Effect of adenosine triphosphate on the viscosity of actomyosin exposed to the action of urea or storage. I. M. Spoktor. Biofizika 12 no. 6 1095-1097 N-D '67.
- Effect of ionizing radiations on the biosynthesis of lipids in yeast. G. A. Laitlova, R. D. Gal'tsova. Mikrobiologia 36 no. 6 953-957 N-D '67.
- Effect of some saponins on alcohol fermentation. L. R. Shcherbakovskiy, G. I. Nilov. Prikl. biokhim. i mikrobiol. 3 no. 6 667-673 N-D '67.
- Effect of strophanthidin acetate and strophanthidin - the aglycons of cardiac glycosides - on the central nervous system. S. Kh. Nasirov, F. Tashmukhamedova, I. K. Kamlov. Uzb. biol. zhur. 11 no. 5 37-40 '67.
- Effect of thermal denaturation conditions on optical and hydrodynamic parameters of nucleic acid molecules. E. V. Frisman, V. I. Shchagina, V. I. Vorob'ev. Vyssokom. soed. Ser. A 9 no. 8 1745-1750 Ag '67.
- Effect of ultrasonic waves of high intensity on G and F actin. I. G. Shtrankfeld, I. E. El'piner, A. G. Atanasov. Biofizika 12 no. 6 1093-1094 N-D '67.
- Effect of ultraviolet rays on human gamma globulin. I. E. El'piner, O. M. Zolina, L. I. Shtol'manov. Dokl. AN SSSR 177 no. 1 218-220 N-D '67.
- Electrolytic reduction of 4-globulin disulfide bonds. V. I. Oshlov, G. V. Troitskiy. Prikl. biokhim. i mikrobiol. 3 no. 6 735-738 N-D '67.
- Electrophoretogram of proteins secreted by the rumen wall of cattle. H. L. Kalachnikov, S. Z. Hlyzhskiy. Dokl. AN URSS Ser. B 29 no. 11 1020-1021 N '67.
- Gel filtration for determination of the molecular weight of proteins and high molecular polypeptides. N. V. Pokidova, T. P. Budina, Z. V. El'moleva. Antidobol. 12 no. 12 1102-1104 D '67.
- Gel filtration on Sephadex for the separation of nucleoside diphosphate sugars from inorganic salts. E. I. Budovskiy, V. N. Shibaev. Vop. med. khim. 13 no. 5 554-556 S-O '67.
- Growth and synthesis of carotenoids by *Mycobacterium* N. N. Gorchushkina, O. V. Malofeeva. Prikl. biokhim. i mikrobiol. 3 no. 6 641-646 N-D '67.
- Incorporation of 14 C-alanine into the proteins of cells in a generating liver of irradiated and intact rats. V. I. Blokhina, E. F. Romanovskiy, L. F. Romanova. Biofizika 12 no. 6 1118-1148 N-D '67.
- Lipophilous and hydrophilous forms of chlorophylls a and b and characteristics of their metabolism in a synchronous *Chlorella* culture. A. A. Shilyk, S. A. Mikhailova. Dokl. AN SSSR 177 no. 1 236-239 N-D '67.
- Modified steroids. Report No. 1. Some derivatives of 20 α -(5-methyl-piperidinyl)-pregnane from solanone. G. A. Tolstikov, V. P. Iur'ev, M. I. Gorlachev. Trudy Inst. khim. nauk AN Kazakh, SSR 19 64-71 '67.
- Nature of Cui and Ag complexes with DNA. V. I. Kabanov, L. I. Minchenko, V. P. Timofeev. Mol. biol. 1 no. 5 682-688 S-O '67.
- New method of synthesizing 3'-(2')-O-aminoacylnucleosides and nucleotides. B. P. Gottikh and others. Izv. AN SSSR Ser. khim. no. 11 2571-2573 N '67.
- New types of glycolipids. L. D. Bergel'son. Usp. sovr. biol. 61 no. 3 355-378 N-D '67.
- Nuclear ribonucleotides containing information RNA. Report No. 3. Dissociation of particles into RNA and protein and their subsequent reconstruction. O. P. Samarin and others. Mol. biol. 1 no. 5 648-655 S-O '67.
- Opening of the E ring of spirocyclic alkaloids by means of potassium borohydride. V. P. Jil'ev, G. A. Tolstikov, M. I. Gorlachev. Dokl. AN SSSR 176 no. 1 122-123 S-O '67.
- Pegmate substitutes. S. K. Komot'skiy, Z. M. Kaplank' Lezh. prom. no. 5 28-29 S-O '66.
- Phosphoproteins of some subcellular structures of vegetable and animal tissues. N. A. Fedorova, G. A. Tolchenova, O. V. Rikhter. Vest. LGU 22 no. 21 124-128 N '67.
- Polynucleotide peptide complex isolated from *Chlorella vulgaris*. M. A. Pushova, L. M. Gerasimenko. Mikrobiologia 38 no. 6 1004-1009 N-D '67.
- Potassium and sodium fixation by phospholipids of normal and tumorous tissues. L. D. Bergel'son, E. V. Dyalovskiy, P. D. Krasovskiy. Biokhimiia 12 no. 6 1128-1133 S-O '67.
- Primary structure of valine tRNA 1 of baker's yeast. A. A. Baev and others. Mol. biol. 1 no. 5 754-756 S-O '67.
- Protein precipitation by ammonium sulfate: a table and nomogram. Z. S. Bionovskaya, V. P. Goretov, Prikl. biokhim. i mikrobiol. 3 no. 6 707-710 N-D '67.
- Protein synth. rate in the growth zones of corn seedling roots. I. E. Khavkin, E. V. Tokareva, N. V. Obrucheva. Trudy Inst. khim. nauk AN Kazakh, SSR 19 103-105 N-D '67.
- Relationship between imidazolides of N-protected amino acids with transfer ribonucleic acids. B. P. Gottikh and others. Mol. biol. 1 no. 5 767-771 S-O '67.
- Relationship between oxygenation of hemoglobin and its molecular changes. P. A. Podrabinek, I. I. Kamenskii. Biofizika 12 no. 6 983-988 N-D '67.
- Separation of metabolically stable and labile information RNA nuclei from animal cells. V. I. Ailon, V. L. Mant'eva, G. P. Georgiev. Mol. biol. 1 no. 5 688-698 S-O '67.
- Significance of the relationship between carbon and nitrogen in the medium for carotenoid biosynthesis by *Sporobolomyces roseus* 362. T. S. Bobkova, I. L. Rabotnova. Mikrobiologia 36 no. 6 947-952 N-D '67.
- Simultaneous staining of proteins and carbohydrates with procion dyes. V. B. Ivanov, T. K. Litnitskaia. TSitologia 9 no. 9 1163-1165 S '67.
- Specificity of hydrolysis and A and B chains of the oxidized insulin by ion exchange resins. Report No. 2. Relationship between the structure of carboxyl groups and their hydrolytic function. M. V. Glikina and others. Mol. biol. 1 no. 5 615-622 S-O '67.
- Stability of peptidyl-sRNA. S. E. Brestner and others. Mol. biol. 1 no. 5 672-681 S-O '67.
- Study of helix-coil transition in poly-L-glutamic acid by the method of diffuse small-angle scattering of X rays. A. I. Grigoriev and others. Mol. biol. 1 no. 5 665-671 S-O '67.
- Study of substances contained in essential oils. Report No. 25. Study of the terpene part of essential oil from *Hymenolyma trichophyllum* (Schrenk) Korov. M. I. Gorlachev and others. Trudy Inst. khim. nauk AN Kazakh, SSR 19 99-102 '67.

- Study of substances contained in essential oils. Report No. 30. Acid isomerization of L- α -thujene. V. I. Smolkin, A. D. Dembitskiy, M. I. Gorlaev, Trudy Inst. Khim. Nauk AN Kazakh SSR 19 117-119 '67.
- Study of substances contained in essential oils. Report No. 32. Composition of essential oil of *Petrovskia serotaphylla* Rge. T. F. Serbicheva, A. D. Dembitskiy, M. I. Gorlaev, Trudy Inst. Khim. Nauk AN Kazakh SSR 19 119-116 '67.
- Study of substances contained in essential oils. Report No. 33. Composition of essential oil of *Juniperus turkestanica*, M. I. Gorlaev and others, Trudy Inst. Khim. Nauk AN Kazakh SSR 19 104-109 '67.
- Study of the formation of collagen-type triple chain helix in polypeptides with given alternation of amino acids. N. S. Andreeva and others, Mol. Biol. 1 no. 5 657-664 '67.
- Studying the effect of pigments and fillers modified by radiation polymerization on structure formation in polymers. G. S. Blyuksh and others, L'Eksp. Mat. i Zhur. 10 36-38 '67.
- ### 549 CRYSTALLOGRAPHY
- Absorption spectrum chromo-dioptase. S. V. Grum-Grechmalin, O. N. Boksha, T. M. Varina, Kristallografiya 12 no. 6 1073 N-D '67.
- Anisotropy of piezothermo- α in f. in silicon and germanium. A. H. Samoilovich, M. V. Nitsaevich, V. M. Nitsaevich, Ukr. fiz. zhur., 12 no. 7 1213-1215 '67.
- Anomalies of electronic properties of rare earth metals. M. I. Kaganov, V. A. Pinskiy, Pis' v red. Zhur. eksp. i teor. fiz. 6 no. 9 881-883 N '67.
- Applying asymmetrical photography for studying dislocations in germanium by the Bornmann method. L. V. Tikhonov, G. V. Kharkova, Kristallografiya 12 no. 6 1068-1067 N-D '67.
- Attempt to estimate the magnitude of an effective ion charge in ZnS-wurtzite. V. A. Zhdanov, L. A. Brysneva, Izv. v. ucheb. zav., fiz. 10 no. 9 160-161 '67.
- Autocatalytic growth of germanium in chemical crystallization involving the disproportionation reaction. V. N. Kobesnikov, Ukr. khim. zhur., 33 no. 7 680-695 '67.
- Boron isomorphism in pyrooxides. S. V. Malinko, Geofizika 10 1083-1089 S '67.
- Case of artificial twinning in synthetic quartz crystals. V. T. Ushakovskii and others, Kristallografiya 12 no. 6 1087-1088 N-D '67.
- Change in the volume of a crystal due to nonuniformly distributed dislocations. I. U. V. Konushin, Fiz. met. i metallov. 24 no. 1 666-610 O '67.
- Change of vacancy concentration in KBr crystals in the case of electrolytic coloration. G. A. Andreev, G. B. Semushkin, A. N. Tsiklin, Fiz. tver. tela 9 no. 11 3257-3263 N '67.
- Channeling of α -particles in beryllium oxide. R. I. Gaidar, A. I. Fedorenko, Pis' v red. Zhur. eksp. i teor. fiz. 6 no. 9 851-854 N '67.
- Charged dislocations in cesium iodide. R. De. Batist and others, Kristallografiya 12 no. 6 1012-1021 N-D '67.
- Chemistry of silicates in the light of crystal chemistry: works on silicate structure in the U.S.S.R. N. V. Belov, Izv. AN SSSR Neorg. mat. 3 no. 10 1752-1760 O '67.
- Coloring and luminescence of alkali halide crystals with activating impurities. I. A. Parfianovich, E. I. Shuraeva, Izv. v. ucheb. zav., fiz. 10 no. 10 112-116 '67.
- Crystal structure of synthetic Na₂Zr₂O₇. S. T. Amlov and others, Dokl. AN SSSR 177 no. 1 62-95 N-D '67.
- Crystal structure of zinc and lead diethyl dithiocarbamates. Z. V. Zvenkova, A. N. Khvatkina, N. S. Ivanova, Kristallografiya 12 no. 6 1055-1058 N-D '67.
- Crystalline structure of pyrosmalite. A. A. Kashaev, Kristallografiya 12 no. 6 1062-1064 N-D '67.
- Crystalline structure of carboceraite (Na, Ca) (Tr, Sr, Ca, Ba) (CO₃). A. A. Voronkov, I. U. A. Platenko, Zhur. strukt. khim., 8 no. 5 935-942 '67.
- Crystals with nonlinear polarization. I. S. Roz. Usp. fiz. nauk 93 no. 4 633-674 '67.
- Determining the density of components in mixed CdSe_{1-x}Se_x single crystals by means of birefringence. M. I. Vytrykhovskiy, V. M. Malynko, S. P. Terekhova, Ukr. fiz. zhur. 12 no. 9 1555-1558 S '67.
- Determining the energy of the thermal activation of centers storing luminous energy in crystal phosphors. I. A. Parfianovich, Trudy Irk. un. 15 no. 2 3-12 '67.
- Diffuse scattering of X rays by gamma-irradiated metals. I. A. Malinenko, O. N. Shvirin, Kristallografiya 12 no. 6 1091-1093 N-D '67.
- Drafting operators for irreducible representations of spatial groups. M. S. Shur, Kristallografiya 12 no. 6 981-988 N-D '67.
- Effect of a constant electric field on the spiral growth of crystals. M. I. Kozlovskii, Kristallografiya 12 no. 6 1089-1101 N-D '67.
- Effect of an external electric field on the electron resonance spectrum in a magnetically ordered piezoelectric crystal. M. P. Petrov, S. A. Kirzhayev, G. A. Smolenskii, Pis' v red. Zhur. eksp. i teor. fiz. 6 no. 9 870-873 N '67.
- Effect of electron- and gamma-irradiation on the microhardness of germanium. V. V. Khainovskaya, F. L. Edel'man, L. S. Smirnov, Kristallografiya 12 no. 6 1055-1056 N-D '67.
- Effect of light pulses on the dislocation structure of sodium chloride. T. M. Aver'yanova, L. I. Mirkin, N. F. Piliptskii, Kristallografiya 12 no. 6 1022-1029 N-D '67.
- Effect of plastic deformation on the temperature dependence of magnetic properties of silicon iron. D. D. Mishin, V. G. Pleshchey, Izv. v. ucheb. zav., fiz. 10 no. 9 147-149 '67.
- Effect of the intensification of the luminescence of crystal phosphors after the action of the exciting light has ceased. I. A. Parfianovich, Trudy Irk. un. 15 no. 2 3-12 '67.
- Effect of ultrasound on the crystallization of eutectic alloys. M. K. Kurmagaliyev, G. V. Starchova, Izv. AN Kazakh SSR Ser. fiz.-mat. nauk no. 2 29-34 Mr.-Ap '67.
- Elastic constants of higher orders of cubic crystals. A. A. Niz'man, Kristallografiya 12 no. 6 1006-1011 N-D '67.
- Elastic constants of molecular crystals. Part 3. Temperature dependence of the naphthalene elasticity tensor. V. F. Tsalko, Kristallografiya 12 no. 6 1022-1024 N-D '67.
- Electric and optical properties of barium titanate crystals with iron and cobalt impurities. B. N. Matsonashvili, Kristallografiya 12 no. 6 995-999 N-D '67.
- Electric conductivity of quartz in an alternating electric field. T. M. Glushkova, M. M. Puzova, Kristallografiya 12 no. 6 1009-1005 N-D '67.
- Electric domains in corundum plates and the electric effects related to the formation of laminated filamentary crystals. V. N. Rozhanskiy, G. V. Buzhikova, Fiz. tver. tela 9 no. 11 326-1135 N '67.
- Electronic processes in quartz under the action of ionizing radiation. G. I. Potakhova, V. G. Voynodun, Izv. v. ucheb. zav., fiz. 10 no. 9 119-152 '67.
- Explosion deformation in single crystals. I. V. A. Pishulev and others, Fiz. tver. tela 9 no. 11 3053-3059 N '67.
- Frequency dependence of the intensity of Raman scattering of light in α -quartz. D. F. Kiselev, Kristallografiya 12 no. 6 1071-1074 N-D '67.
- Graphical method of constructing the regions of diffusion scattering. G. V. Kleibchev, A. I. Sheinkman, Kristallografiya 12 no. 6 1019-1013 N-D '67.
- Growing CuSO₄ crystals from an aqueous solution under X-ray irradiation. I. A. S. Abdullayeva, G. A. Gumanskii, Kristallografiya 12 no. 6 1099 N-D '67.
- Growth and study of crystals of some solid solutions on the basis of gallium arsenide. N. A. Goutunova and others, Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 5 79-83 '67.
- Hydrothermal synthesis of crystals of some double lithium rare-earth tungstenates. L. U. Khaitchenko, P. V. Klovtsov, Kristallografiya 12 no. 6 1097-1099 N-D '67.
- Image of latent defects in the method of anomalous passing of X rays. I. L. Shul'pina, L. I. Datsenko, Ukr. fiz. zhur., 12 no. 9 1472-1480 S '67.
- Imperfect structure of triglycine sulfate crystals in the ferroelectric and paraelectric states. G. I. Distler and others, Pis' v red. Zhur. eksp. i teor. fiz. 6 no. 9 868-870 N '67.
- Infrared absorption by molecular ions injected into the lattices of alkali-halide crystals. M. S. Pilyozrallo, I. M. Khalimonova, Ukr. fiz. zhur., 12 no. 7 1083-1088 N '67.
- Linear Stark effect on phononless lines of color centers in lithium fluoride crystals. A. A. Kaplanskii, V. N. Medvedev, Pis' v red. Zhur. eksp. i teor. fiz. 6 no. 10 893-895 N '67.
- Magnetic process of crystallization in the light of crystallochemistry and geeneology. V. I. Lebedev, Izv. AN SSSR Ser. geol. no. 11 87-97 N '67.
- Mechanism underlying the structure-forming action of particles of fillers and pigments in polymer media. E. D. Akhina, I. U. V. Egorova, E. I. Lyko, Dokl. AN SSSR 176 no. 2 385-387 S '67.
- Metals. M. S. [Physics of splitting mica] Fizika rasshepleniya stud. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1967. 278 p.
- Microhardness of LiF at various temperatures. G. Uptis, S. A. Vazhenina, L. G. Pavlovskaya, Kristallografiya 12 no. 6 1084-1085 N-D '67.
- Mohoravice discontinuity and the structure of silicates. V. A. Galaktionov, N. V. Belov, Geokhimiya no. 12 1411-1417 D '67.
- Nature of acceptors and scattering centers of current carriers in polycrystalline germanium films. V. P. Kurnetsov, Kristallografiya 12 no. 6 1101-1103 N-D '67.
- New design of high pressure apparatus. A. V. Simonov, V. V. Osipov, Kristallografiya 12 no. 6 1109-1111 N-D '67.
- Nonlinear properties of solids. V. M. Fain, Izv. v. ucheb. zav., radiofiz. 10 no. 9 1320-1332 '67.
- Optical and luminescence properties of CdTe and CdTe(Eu) single crystals. O. B. Lykovich, S. K. Zherbet'skiy, I. M. Pentsak, Ukr. fiz. zhur., 12 no. 9 1455-1459 S '67.
- Ormont, B. F. [Compounds of variable composition] Sedimentnaya porononogo sostava. Moskva, Znanie, 1967. 46 p. (Novoe v zhizni, nauka, tekhnika, XI Seriya Khimiya, 12)
- Petrov, T. G., E. B. Tretyak, and A. P. Kasatkina. [Growing crystals from melts] Vyrashchivanie kristallov iz rastvorov. Leningrad, Nedra, 1967. 174 p.
- Photoexcitation of dislocation motion in NaCl crystals. M. M. Novikov, N. I. Pyatenko, Ukr. fiz. zhur., 12 no. 9 1549-1552 S '67.
- Plastic deformation of ammonia single crystals. A. I. Prokhatilov, Fiz. tver. tela 9 no. 11 3318-3322 N '67.
- Preliminary data on the crystalline structure of magnesium molybdate. V. I. Pakhomov, A. V. Medvedev, Kristallografiya 12 no. 6 1064 N-D '67.
- Reasons for predominance of levoforams of epsomite. T. D. Rogacheva, Kristallografiya 12 no. 6 1093-1095 N-D '67.
- Silicon films produced by the rheotaxial method. L. O. Khomenko and others, Ukr. fiz. zhur. 12 no. 7 1219-1221 N '67.
- Single crystal layers of germanium and silicon obtained from pyrolysis of hydrides. T. A. Zevko, L. N. Kornev, V. A. Polomarov, Kristallografiya 12 no. 6 1056-1061 N-D '67.
- Slow electron diffraction as a method for studying atomic structure of surfaces. V. F. Dvorjankin, A. I. Mitagin, Kristallografiya 12 no. 6 1122-1131 N-D '67.
- Small-scale crystal neutron spectroscopy for studying crystal dynamics. V. V. Gorbachev, V. I. Platonov, Kristallografiya 12 no. 6 1108-1109 N-D '67.
- Some characteristics of growth of potassium dihydrophosphate single crystals under static conditions. I. G. Lavrovskii, Kristallografiya 12 no. 6 1104-1105 N-D '67.
- Some problems concerning the geometry of slow electron diffraction patterns. V. F. Dvorjankin, A. I. Mitagin, Kristallografiya 12 no. 6 966-970 N-D '67.
- Structure of molecular crystals. Part II. Full estimate of the nearest arrangement of plane molecules in layers. P. M. Zolki, M. A. Fozal-Koshka, Kristallografiya 12 no. 6 994-991 N-D '67.
- Study of the hydrate-gas phase equilibrium in paraffin-olefin mixtures containing isobutylene. V. I. Fomina, S. Sh. Byk, Khim. i tekhn. topl. i masl. 12 no. 10 1-5 O '67.
- Studying some properties of CdTe single crystals. I. M. Pentsak, O. B. Lykovich, S. K. Zherbet'skiy, Ukr. fiz. zhur., 12 no. 9 1452-1451 S '67.
- Studying the change of the strength of lithium fluoride crystals depending on different factors. A. V. Niz'man and others, Opt. mekh. prom. 34 no. 9 46-50 S '67.
- Studying the epitaxial growth of germanium in an open iodine process. V. N. Kolesnikov, T. A. Dem'yanov, L. I. Dereva, Kristallografiya 12 no. 6 1105-1107 N-D '67.
- Studying the heat expansion of molecular crystals. Part I. Calculating the expansion tensor of naphthalene over a wide temperature range. A. P. Ryzhenkov, V. M. Kozhin, Kristallografiya 12 no. 6 1079-1082 N-D '67.
- Studying the pyroelectric effect in triglycine sulfate crystals using the dynamic method. L. S. Krasnuchenko, V. B. Smolov, Kristallografiya 12 no. 6 1077-1079 N-D '67.
- Surface structure of negative molybdenum crystals. G. A. Klein, V. A. Kravchenko, Kristallografiya 12 no. 6 1098-1097 N-D '67.
- Thermodynamic model of impurity dissolution and depuration from atomic homogeneity in crystals with atomic homogeneity vacancies. V. M. Koshkin, I. U. A. Friedman, I. V. Atrazhenko, Fiz. tver. tela 9 no. 11 320-325 N '67.
- Triple bonds in Zn - C and Zr - C - N systems. R. A. Andreevskii, E. B. Bolko, V. P. Kalinin, Kristallografiya 12 no. 6 1088-1070 N-D '67.
- Use of the electron paramagnetic resonance method in studying the slowed down rotations of methyl groups in the d,1-valine radical. T. L. Evardzhaniyev, M. M. Kozolotenko, S. Z. Shul'min, Ukr. fiz. zhur., 12 no. 7 1104-1100 N '67.
- Using electrolytes as antihydration inhibitors. V. A. Khochimov, V. I. Semlin, A. V. Demchenko, Izv. prom. 12 no. 11 24-27 N '67.
- X-ray diffraction study of some characteristics of impurity distribution in highly alloyed alkali on single crystals. V. G. Ponom, M. G. Mitvidukh, Kristallografiya 12 no. 6 1080-1071 N-D '67.
- X-ray diffraction study of the distribution of crystallite orientation. A. Sh. Galkhman, Vysokom. neod. Ser. A 9 no. 8 1693-1698 Ap '67.
- Zavi, G. S. [Theory of crystal lattice oscillations] Teoriya kolebaniy kristallicheskoj rezhiki. Tartu, 1966. 171 p.

548(575)—Continued Asia

Temperature conditions governing the crystallization of fergusonite-porphyry in the Eastern Pamirs. T. I. U. Baranova, E. A. Dmitriev, Dokl. AN SSSR 177 no. 1: 103-108 N-D '67.

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- Chemistry of silicates in the light of crystal chemistry: works on silicate structure in the U.S.S.R. N. V. Belov, Izv. AN SSSR, Neorg. mat. 3 no. 10 1752-1760 O '67.
- Diffraction metric study of multicomponent mineral mixtures. A. P. Zacherzhuk, V. N. Kuznits, A. I. Nikolskii, Izv. v. ucheb. zav., geol. i razv. 9 no. 12 30-43 D '66.
- History of the development of the Crimean Peninsula in the Late Paleocene in connection with prospects for finding oil and gas. V. F. Zhelezniak, Izv. v. ucheb. zav., geol. i razv. 9 no. 12 18-25 D '66.
- Kinetics of the variation in cation distribution in magnesian-manganese forsterite. S. S. Gorbels, B. I. Levin, L. M. Letukh, Izv. v. ucheb. zav., fiz. 10 no. 10 147-153 '67.
- Metals. M. S. [Physics of splitting mica] Fizika rasshepleniya stud. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1967. 278 p.

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- Creation of a mineral raw materials supply center for the aluminum industry. M. S. Sosnitskaya. Razved. i okh. nedr. 33 nos 10/11 42-47 O-N '67.
- Current state and prospects for development of underground geophysics. A. G. Tarkhov. Izv. vys. ucheb. zav. i geol. razv. 10 no 11 97-104 N '67.
- Developments in the techniques and technology of exploratory boring for solid minerals. E. S. Rubnov and others. Razved. i okh. nedr. 33 nos 10/11 108-116 O-N '67.
- Discoveries made by Soviet geologists in foreign countries. A. M. Bybochkin. Razved. i okh. nedr. 33 nos 10/11 116-121 O-N '67.
- Discovery of a diamond-bearing province in the U.S.S.R. E. P. Oreshnikova, B. P. Prokopchuk, V. S. Trofimov. Razved. i okh. nedr. 33 nos 10/11 82-88 O-N '67.
- Expanded resources of the lead-zinc industry. D. I. Gorzhevskii, T. K. Pavlenko. Razved. i okh. nedr. 33 nos 10/11 63-67 O-N '67.
- Expanding the availability of mineral raw materials in the U.S.S.R. during the 50 years of Soviet government. V. I. Kuzmenko. Razved. i okh. nedr. 33 no 10/11 1-12 O-N '67.
- Expansion of the raw materials supply center for the coal industry. P. I. Molchanov, L. V. Tyzhnov. Razved. i okh. nedr. 33 nos 10/11 17-23 O-N '67.
- Geochemical method of the prognosis of mineralization as to depth and discovery of blind ore bodies in sulfide-sulfate deposits. V. L. Barsukov, A. G. Volosov, Geokhimiya no. 11:1370-1380 N '67.
- Geological conditions and characteristics of their study in prospecting for solid minerals in deposits. D. I. Gorzhevskii. Izv. vys. ucheb. zav. i geol. razv. 10 no. 11:68-70 N '67.
- Geophysical prospecting for oil and gas in the U.S.S.R. during the 50 years of Soviet rule. A. I. Bogdanov, M. K. Polshkov, V. V. Fedynskii. Geol. nefit i gaza 11 no. 11:11-17 N '67.
- Geophysical prospecting in the U.S.S.R. during Soviet rule (1917-1967). V. V. Fedynskii. Izv. AN SSSR, Fiz. zem. no. 10:10-12 N '67.
- Main results of geological prospecting operations for tin. T. V. Butkevich, S. F. Lugov. Razved. i okh. nedr. 33 nos 10/11 38-41 O-N '67.
- Methodology for determining the relative rate of uplift of salt dome massifs, based on seismic prospecting. V. S. Zhuravlev, A. A. Svistoch, N. A. Sokolova. Dokl. AN SSSR 177 no 1:163-166 N-D '67.
- Method of a punched card for processing field observations in engineering geological surveying. N. M. Khaime. Izv. vys. ucheb. zav. i geol. razv. 9 no 12:68-70 D '66.
- Nomograms for the determination of the actual thickness of a layer or deposit based on data of a borehole survey. V. I. Kuz'min, M. I. A. Krasnoperov. Izv. vys. ucheb. zav. i geol. razv. 10 no 11:77-79 N '67.
- Phase-frequency dependence of the induced polarization of rocks and ores. V. P. Melnikov. Izv. vys. ucheb. zav. i geol. razv. 10 no. 11:105-108 N '67.
- Physical and chemical properties of petroleum as factors in the formation of oil and gas pools. S. F. Fedorov, N. P. Egorova. Geol. nefit i gaza 11 no. 11:45-49 N '67.
- Possibilities of using underground nuclear explosions for increasing gas and oil recovery of fields and intensifying their development. O. L. Kedrovskii, K. I. Mangushev. Geol. nefit i gaza 11 no. 12:12-16 D '67.
- Power required when drilling with threaded tools. N. V. Ziminov. Izv. vys. ucheb. zav. i geol. razv. 9 no. 12:112-115 D '66.
- Preparing a raw materials supply center for the nickel industry and geological problems connected with it. M. N. Godlevskii. Razved. i okh. nedr. 33 nos 10/11 48-54 O-N '67.
- Present status of the methods for geophysical studies of oil and gas wells and prospects for their development. N. A. Per'kov. Neftgaz, geol. i geofiz. 11:46-51 '67.
- Principal steps in the creation of a raw materials supply center for the mercury-antimony industry. V. F. Fedorchuk, A. M. Filin. Razved. i okh. nedr. 33 nos 10/11 55-62 O-N '67.
- Principles of evaluating the economic efficiency of the field geophysical studies of oil and gas wells. K. N. Milovidov. Ekon. nefteob. prom. no. 10:3-7 '67.
- Problems of exploration of oil and gas fields on the Seventh World Petroleum Congress (Mexico, April 1967). A. A. Bakirov and others. Geol. nefit i gaza 11 no. 11:58-64 N '67.
- Prospecting for copper deposits. G. G. Gudalin. Razved. i okh. nedr. 33 nos 10/11 32-35 O-N '67.
- Results of research in hydrology and engineering geology. V. M. Fomin, M. I. A. Danilovich, N. I. Plotnikov. Razved. i okh. nedr. 33 nos 10/11 101-107 O-N '67.
- Results of using the correlation method of inverse probabilities for a more exact representation of the minimum amplitude of self-potential anomalies in permeable sandy clay formations. I. U. G. Epifanov, V. D. Sharovarin, L. A. Romanova. Neftgaz, geol. i geofiz. no. 10:10-22 '67.
- Search and prospecting for gold deposits. G. P. Bolarovich and others. Razved. i okh. nedr. 33 nos 10/11 68-74 O-N '67.
- Selection of optimum measurement conditions in the field gamma-spectrometric determinations of radioactive elements. A. A. Saturin. Vest. LGU 22 no. 24, 68-74 D '67.
- Some geochemical features of gas condensate pools in connection with the studies of migration processes. V. A. Chakhmachev. Neftgaz, geol. i geofiz. no. 10:31-33 '67.
- Standardization of gamma-gamma logging equipment. A. A. Kozhevnikov, I. A. Dunchenko. Neftgaz, geol. i geofiz. no. 10:22-23 '67.
- Statistical and probability evaluation of physicochemical conditions of mineral formation. L. N. Ovchinnikov, N. F. Chelishchev. Geokhimiya no. 11:1328-1335 N '67.
- Subsurface structure of the U.S.S.R. N. A. Bellaevskii, A. A. Borisov, I. S. Vol'kovskii. Sov. geol. no. 11:56-84 N '67.
- Trade union of workers in geological prospecting at the 50th anniversary of Great October. P. I. Shelakhin. Razved. i okh. nedr. 33 nos 10/11 13-16 O-N '67.
- Unzoned complex of units for prospect drilling at depth up to 300 m. A. S. Rybkin. Izv. vys. ucheb. zav. i geol. razv. 10 no 11:115-121 N '67.
- Ways to shorten periods of commercial prospecting and preliminary development of new oil and gas fields. R. S. Erofeev, V. G. Vasil'ev, B. S. Vorob'ev. Geol. nefit i gaza 11 no. 12:9-12 D '67.

550.8(234)—Mountains of Europe

Hydrogeochemical criteria in prospecting for minerals in volcanic formations of the Mugodzhur Hills. Zh. S. Sydykov, A. A. Abdulin, K. M. Davletgallova. Trudy Inst. geol. nauk AN Kazakh SSR 24:148-157 '67.

550.8(265)—Pacific Ocean

Seismic studies in the central part of the Pacific Ocean during the 34th voyage of the research vessel "Vityaz". V. V. Zadorovennin. Okeanologia 7 no. 5: 908-919 S-O '67.

550.8(470)—European U.S.S.R.

Geology of the Pechora coal basin based on geophysical data. B. D. Polotskiy and others. Izv. vys. ucheb. zav. i geol. razv. 9 no. 12:91-96 D '66.

550.8(471.45)—Volgograd Province

Present status and prospects for further development of oil and gas prospecting operations in Volgograd Province. A. I. Tsaturov, I. M. Shakhovskii. Geol. nefit i gaza 11 no. 11:25-28 N '67.

Prospecting and developments in the Kudinovskiy oil and gas condensate field (Volgograd Province). A. G. Gabrielyan and others. Geol. nefit i gaza 11 no. 11:53-58 N '67.

550.8(471.58)—Orenburg Province

Trends of further oil and gas prospecting operations in Orenburg Province. I. A. Shipil'man and others. Geol. nefit i gaza 11 no. 11:20-25 N '67.

550.8(471.62)—Krasnodar Territory

Investigating thinning zones in the Jurassic sediments of the Western Kuban trough. V. I. Korneev and others. Geol. nefit i gaza 11 no. 11:50-53 N '67.

550.8(571)—Asiatic R. S. F. S. R.

Operational experience of the scientific information section of the West Siberian Institute for Petroleum Geological Prospecting. D. A. Sterlin, M. N. Ermolina. NTI, Ser. 1 no. 10:18 '67.

550.8(571.17)—Kemerovo Province

Some results of hydrogeochemical studies in the Salsk Range region of the Kuznetsk Basin. V. N. Ankudinov, Vo-cong-Nghiep. Izv. vys. ucheb. zav. i geol. razv. 10 no. 11:80-86 N '67.

550.8(571.511)—Taymyr National District

Some results of regional river seismic prospecting on the Taymyr Peninsula. A. S. Demidov, I. F. Kril', S. I. Patsevich. Izv. vys. ucheb. zav. i geol. razv. 9 no. 12: 84-90 D '66.

550.8(571.6)—Soviet Far East

Potassium-argon dating of preore and postore dikes of the Yana-Kolyma ore-bearing belt. L. V. Firsav. Izv. AN SSSR, Ser. geol. no. 11:204-208 N '67.

550.8(574)—Kazakh S. S. R.

Methodology for prospecting and evaluation of copper-molybdenum ores in secondary quartzites in the northeastern part of Lake Balkhash region. V. G. Trofimakov. Izv. AN Kazakh SSR, Ser. geol. 24 no. 6:70-73 N-D '67.

New data on the subsurface structure of southern Mangyshlak and trends in prospecting for oil- and gas-bearing structures; based on results regional work using the refraction correlation method. L. M. Korobkin, N. I. A. Kunin, V. G. Matveev. Sov. geol. 10 no. 12:30-39 D '67.

Nuclear methods of logging? It is profitable. G. Zil'bert. Nar. khoz. Kazakh. 25 no. 12:73-75 D '67.

550.8(576.1)—Uzbek S. S. R.

The profitability of prospecting. Kh. Fatkhiddinov, Ekon. i zhizn' 8 no. 12:20-22 D '66.

550.9 GEOLOGICAL TIME AND AGE MEASUREMENT

Accuracy in age determinations by the potassium-argon volume method. R. Kh. Gukasian, D. G. Mkrtchian, M. Kh. Gukasian. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:8-12 '67.

Accuracy of the determination of potassium in rocks and minerals. G. A. Murina, O. I. Avdeeva. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:72-79 '67.

Atomic-absorption determination of rubidium. A. S. Bazhov and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:107-109 '67.

Chromatographic determination of radiogenic argon. A. Dubansky. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:82-86 '67.

Comparison of radiochemical and colorimetric methods for the determination of uranium and thorium. S. I. Mikhina, A. D. Iskenderova. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:110-123 '67.

Dating of archaeological samples of organic origin by the radiocarbon method using a ratio meter. A. A. Bichuladze and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:135-139 '67.

Dating of natural objects according to nonequilibrium uranium. P. I. Chalov, T. V. Tuzova. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:177-181 '67.

Determination of microgram quantities of uranium, thorium, and lead in minerals by means of ion-exchange resins. G. I. Shestakov. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:124-130 '67.

Determination of radiogenic argon by the method of activation. M. Sorokin, M. Czeif. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:80-81 '67.

Evaluation of accuracy of mass-spectrometric analysis of the isotopic composition of argon. L. L. Shanin, I. V. Chernyshev. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:38-46 '67.

Increasing the limit of radiocarbon dating to 60-65 thousand years using the scintillation methodology of measurement. Kh. A. Aislanov. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:151-164 '67.

Mass-spectrometric express method for measurements of small quantities of radiogenic argon. A. L. Kutsaidre. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:32-37 '67.

Measurement of natural radiocarbon in the laboratory of Vilnius. V. I. Lulanas, K. S. Shullia. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:165-170 '67.

Measurement of radiogenic argon. G. Kh. Chedzhemov. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:22-28 '67.

Measurement of the isotopic composition of strontium. I. U. V. Goltamun, I. V. Chernyshev, L. L. Shanin. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:68-101 '67.

Methodology for the determination of the absolute age of Pleistocene formations according to nonequilibrium uranium. G. I. Kisel'skaya, V. V. Chernyshev. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:102-105 '67.

Methods for increasing the sensitivity of mass-spectrometric apparatus for measuring radiogenic argon. S. N. Voinovskii, A. S. Batyrmurzaev, F. S. Gabblov. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:47-53 '67.

New device for the determination of the radioactivity of weak β - and γ -radiators. A. Dubansky, P. Podracky. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:171-178 '67.

Possibilities in the determination of the absolute age of secondary uranium minerals. P. I. Chalov, I. A. A. Musin. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:166-180 '67.

Possibility in using mass spectrometer MX-1304 for the isotopic analysis of radiogenic argon. L. L. Shanin and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:57-60 '67.

Practice in analyzing radiogenic argon by the method of isotopic dilution by a standard sample enriched by Ar-30. I. U. N. Popov. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:20-31 '67.

Selection of the optimum recording regime C14 on a scintillation counter in radiocarbon dating. V. A. Alekseev. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:140-143 '67.

Some methodological problems in the development of the scintillation technology of the calculation of native radiocarbon. A. A. Litva, E. O. Il'eva, I. A. A. Litva. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:147-149 '67.

Some of the most important problems of argon geochronometry. L. L. Shanin, I. V. Chernyshev, M. M. Arakelants. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:3-7 '67.

Some problems of measurement technology in the determination of the isotopic content of lead on a mass spectrometer. A. D. Esikov. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:110-118 '67.

Synchronization of a geological clock. A. N. Dmitriev. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:131-134 '67.

Synthesis of carriers of the activity of native radiocarbon. I. A. M. Punning, E. O. Il'eva, A. A. Litva. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:144-146 '67.

System for the isolation of inert gases from rocks and minerals. M. L. Libman and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:51-56 '67.

Two-channel radiocarbon device with a background control in the process of measurements. F. S. Zavel'skii. Biul. Kom. po opr. abs. vozr. geol. form. no. 8:150-153 '67.

Use of the mass-spectrometric method of isotopic dilution for the determination of the content of rubidium and radiogenic strontium in geological materials. E. S. Varslavskaya, I. M. Gorokhov. *Izv. Kom. po opt. abs. vozr. geol. form.* no. 8 87-97 '67.

550.9(234)—Mountains of Europe

Time of amazonitization and the age of amazonite pegmatites of the Umen Mountains based on data of the rubidium-strontium method. V. A. Dunaev, N. N. Duznova. *Geokhimiya* no. 9 1055-1062 S '67.

551 GENERAL GEOLOGY, METEOROLOGY CLIMATOLOGY, STRATIGRAPHY

Kalutskii, K. K., M. F. Lazarev, and V. S. Kholiavko. Technology of forest exploitation and restoration in mountainous terrain. Tekhnologiya lesorazrabotki i lesovosstanovleniya v gornykh usloviyakh. Moskva, Lesnaya promyshl., 1967. 135 p.

551(234)—Mountains of Europe

Structure, paleogeography, and facies in the Tournai in the Pechora portion of the Urals. I. S. Murav'ev. *Sov. geol.* 10 no. 12:127-130 D '67.

551(471.11)—Archangel Province

Basic stages and features of the Pre-Quaternary paleogeography of the subzone of the middle taiga, within Archangel and Vologda Provinces. Part 1. M. M. Ermolaev, N. N. Pavlova. *Vest. LGU* 22 no. 24:113-122 D '67.

551(471.12)—Vologda Province

Basic stages and features of the Pre-Quaternary paleogeography of the subzone of the middle taiga, within Archangel and Vologda Provinces. Part 1. M. M. Ermolaev, N. N. Pavlova. *Vest. LGU* 22 no. 24:113-122 D '67.

551(477)—Ukrainian S. S. R.

Achievements in the study of the geology and mineral resources of the Ukraine. V. S. Popov. *Sov. geol.* 10 no. 12:1-12 D '67.

Convergence zone of the Dnieper-Donets Lowland and Donets Basin. S. E. Verboloz. *Trudy VNIIGaz* no. 27/35 31-41 '67.

551(574)—Kazakh S. S. R.

Paleotectonic prerequisites of the prospects for oil and gas occurrences in the South Mangyshlak Trough. M. I. Tarkhanov. *Geol. nefi i gaza* 11 no. 12:30-34 D '67.

551.1 PHYSICAL GEOLOGY

Study of genetic relations of the thermal field to the structure and development of the earth's structure. A. B. Smirnov. *Dokl. AN SSSR* 177 no. 1:182-184 N-D '67.

Subsurface structure of the U. S. S. R. N. A. Boliaevskii, A. A. Boliaev, I. S. Vol'novskii. *Sov. geol.* 10 no. 11:56-64 N '67.

Unique work. V. N. Ognev. *Vest. LGU* 22 no. 24:163-165 D '67.

551(571.15)—Altai Territory

Tectonic origin of the Ostantov Mountains in the Biya Valley. F. B. Baksh, *Izv. Alt. otd. Geog. ob-va SSSR* no. 6:39-44 '65.

551(575.1)—Uzbek S. S. R.

Effect of the exposure of mountain slopes on the time of the formation of flood waters, based on the example of the Angren Valley. T. Mustafakulov. *Izv. Uzb. geog. ob-va* 8:114-116 '64.

551.2 INTERNAL GEODYNAMICS ENDOGENOUS PROCESSES

Activities of the Commission of Recent Tectonics of the International Association on Quaternary Research. N. I. Nikolaev. *Sov. geol.* 10 no. 12:135-138 D '67.

Axial symmetry of linear structural elements of the earth's crust. A. V. Dolitskii. *Dokl. AN SSSR* 177 no. 1:159-162 N-D '67.

Cleavage, general problems of the genesis and cleavage of interlayer sliding. G. D. Azhgirei. *Izv. AN SSSR. Ser. geol.* no. 11:184-181 N '67.

Conditions governing the formation of Early Pre-Cambrian structures. V. A. Rubenko. *Dop. AN URSS. Ser. B* 29 no. 11:995-999 N '67.

Efficiency of using KTV-2 equipment complexes under conditions of the "Tomusinskoe" deposit. V. R. Aisen'ev, G. N. Plisunov. *Ugol* 42 no. 8:84-85 '67.

Investigating the performance of MK equipment complexes under various geologic conditions. A. I. Erokhin, I. U. N. Semenov, M. S. Korobov. *Ugol* 42 no. 8:60-63 Ag '67.

Magnetic permeability and energy nature of "mobility" of the zones of deep faults. E. I. Patalakha. *Sov. geol.* 10 no. 12:124-133 N '67.

Methodology for determining the relative rate of uplift of salt dome massifs based on seismic prospecting. V. S. Zhuravlev, A. A. Svitochev, N. A. Sokolova. *Dokl. AN SSSR* 177 no. 1:163-166 N-D '67.

A precursor of a strong tectonic earthquake. V. I. Ustomov, B. Z. Mavashvili. *Dokl. AN SSSR* 176 no. 2:318-321 S '67.

Problems of magmatic geology. G. D. Afanas'ev. *Izv. AN SSSR. Ser. geol.* no. 11:14-29 N '67.

Role of hydrovolcanism in the formation and disintegration of oil and gas pools. P. P. Ivanushchuk. *Trudy VNIIGaz* no. 27/35 265-261 '67.

Role of regional metamorphism in the formation of the radiogeological zonality of the earth's crust. A. A. Smyslov, V. K. Titov. *Izv. AN SSSR. Ser. geol.* no. 11, 30-40 N '67.

Some main planetary tectonic features and their causal relations. G. P. Tamrazian. *Izv. vys. ucheb. zav. i geol. iazv.* 10 no. 11:3-17 N '67.

551.2(234)—Mountains of Europe

Metamorphism of Paleozoic volcanic formations of the western greenstone zone of the Mugodzhur Hills. N. S. L'voslavskaya and others. *Trudy Inst. geol. nauk AN Kazakh SSR* 24:114-125 '67.

551.2(235)—Mountains of Asia

Basic features of the structure of the O'khovskoy-Chibirchek ore field (Eastern Sayan Mountains). A. P. D'achenko. *Izv. vys. ucheb. zav. i geol. i razv.* 9 no. 12:44-50 D '66.

551.2(262.5)—Black Sea

Paleofacies regionalization of the Black Sea region of the Russian Platform. I. U. G. Ermakov. *Sov. geol.* 10:12-65-72 D '67.

551.2(471.22)—Karelian A. S. S. R.

Volcanic apparatus of the Jatulian volcanic complex of central Karelia. A. P. Syntov, I. I. Golubov. *Dokl. AN SSSR* 177 no. 1:171-174 N-D '67.

551.2(471.43)—Kuybyshev Province

Global jointing of rocks of the Samara Bend. *Vest. LGU* 22 no. 24:99-101 D '67.

551.2(471.6)—Northern Caucasus

Synthesis of hydrocarbons of magnetic origin in geosynclinal regions as exemplified by the Northern Caucasus. V. S. Ereminenko. *Trudy VNIIGaz* no. 27/35 309-317 '67.

551.2(471.65)—North Ossetian A. S. S. R.

Processes of mobilization in ancient crystalline rocks of North Ossetia. D. M. Shergelia. *Izv. Geol. ob-va Gruz.* 5 no. 2:28-43 '67.

551.2(477.8)—Western Ukraine

Tectonic regionalization of the inner zone of the Carpathian piedmont fault. S. P. Vituk and others. *Geol. nefi i gaza* 11 no. 12:41-44 D '67.

551.2(477.9)—Crimea

Kashkai, M. A., and G. P. Tamrazian. [Cross-folds (Anticaucasian) of the Crimea-Caucasus region; their effect on the igneous activity and regularities in mineral distribution.] Poperechnye (antikavkazskie) dislokatsii Krymsko-Kavkazskogo regiona, ikh rol' v magnatizme i zakonomernostyakh razmeshcheniya poleznykh iskopaemykh. Moskva, Nedra, 1967. 74 p.

551.2(479)—Caucasus and Transcaucasia

Kashkai, M. A., and G. P. Tamrazian. [Cross-folds (Anticaucasian) of the Crimea-Caucasus region; their effect on the igneous activity and regularities in mineral distribution.] Poperechnye (antikavkazskie) dislokatsii Krymsko-Kavkazskogo regiona, ikh rol' v magnatizme i zakonomernostyakh razmeshcheniya poleznykh iskopaemykh. Moskva, Nedra, 1967. 74 p.

551.2(479.22)—Georgian S. S. R.

Genesis of crystalline schists containing albite in the upper Rioni Valley. Sh. I. Dzhabakhishvili. *Izv. Geol. ob-va* 5 no. 2:23-27 '67.

Southern Okria overthrust and its eastern prolongation. Sh. Kh. Geguchadze. *Izv. Geol. ob-va Gruz.* 5 no. 2:10-14 '67.

551.2(479.24)—Azerbaijan S. S. R.

Geologic structure and development of the Kyrasangya field (Lower Kura Lowland). K. A. Ismailov, Sh. S. Kochari. *Geol. nefi i gaza* 11 no. 12:22-28 D '67.

History of the formation of folding in the Kura Lowland. V. A. Strakhov. *Izv. vys. ucheb. zav. i geol. i razv.* 9 no. 12:10-17 D '66.

Presence of the Yuzhnaya-2 structure. G. G. Tumikyan. *Azerb. nefi, khoz.* 46 no. 6:1-2 Je '67.

Some characteristics of the composition of hydrocarbons in oil and gas pools in relation to geological conditions. F. G. Dadashov, D. N. Eridman. *Geol. nefi i gaza* 11 no. 12:26-30 D '67.

Tectonic features of the Kaynardzha anticline. A. M. Shirinov. *Azerb. nefi, khoz.* 46 no. 6:3-4 Je '67.

551.2(571)—Asiatic R. S. F. S. R.

Date of the establishment of the platform regime in the southeastern part of the Siberian Platform. A. L. Stavtsev. *Dokl. AN SSSR* 176 no. 1:186-188 S-O '67.

Platform stage in the development of the Baikal region. V. K. Golovcnok. *Sov. geol.* 10 no. 12:44-50 D '67.

Rheological properties of rocks based on observations of microfolds in eastern Transbaikalia. V. I. Gromov. *Dokl. AN SSSR* 176 no. 2:402-405 S '67.

Shoe-string oil pools in Western Siberia. I. U. N. Semenov, N. E. Gazizov. *I. geofiz.* no. 10:8-10 '67.

551.2(571.12)—Tyumen' Province

Thermal waters of the Uvat region in Western Siberia. L. M. Zol'tkin. *Trudy VNIIGaz* no. 27/35 263-265 '67.

551.2(571.6)—Soviet Far East

Structural regionalization of Sakhalin. D. F. Rusakov, I. U. S. Mavrin, V. Sh. Brutman. *Sov. geol.* 10 no. 12:44-50 D '67.

551.2(575.4)—Tuva S. S. R.

Structure of the Paleozoic basement of the Zaskli-Bay. Uplift. V. A. Spikin. *Izv. AN Turk. SSR. Ser. fiz.-mat. i geol. nauk* no. 5:108-116 '67.

551.3 EXTERNAL GEODYNAMICS EXOGENOUS PROCESSES

Acoustic properties of terrigenous rocks. T. S. Irot. *Geol. nefi i gaza* 11 no. 12:44-46 D '67.

[Data on glaciological studies; chronicle, discussion, Materials glitsiologicheskikh issledovaniy; khronika, obshchdeniya. Moskva, No. 13, 1967. 335 p.

The First All-Union Conference on the results of the International Geophysical Year, the Section of Glaciology. V. F. Suslov. *Izv. Uzb. geog. ob-va* 8:131-132 '64.

Ice pressure acting on ship propeller blades. F. Kiselev, S. I. Ivanovskii. *Moi flot* 27 no. 11:26-27 N '67.

Icebergs of the northwestern Atlantic. L. E. Sladkov. *Okeanologiya* 6 no. 4:608-614 '66.

Karakak paleogeography of the Sea of Azov. I. U. P. Khristalev. *Okeanologiya* 6 no. 4:672-680 '66.

Loessal and loesslike rocks as a product of cryogenic genesis. A. I. Popov. *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 8:43-48 N-D '67.

[Problems of igneous activity and metamorphism.] Voprosy magmatizma i metamorfizma [Leningrad] Izd-vo Leningr. univ. Vol. 2, 1964. 270 p.

Study of mudflows and snow avalanches. I. U. N. Semenov and others. *Meteor. i gidrol.* no. 11:63-70 N '67.

Subsidence properties of loess and loesslike rocks as a zonal geographic phenomenon. N. I. Kriger. *Dokl. AN SSSR* 176 no. 1:163-166 S-O '67.

551.3(211)—Cold frigid regions

Formation of permanently frozen formations in the period of the Boreal transgression in the Arctic part of the northern Yenisey Valley. V. A. Usov. *Vest. LGU* 22 no. 24:41-49 D '67.

551.3(26)—Oceans, Seas.

Advances in the study of the coastal zone of the sea. V. P. Zenkovich, B. A. Shul'ga. *Okeanologiya* 7 no. 5:811-827 S-O '67.

Changes of sea ice salinity due to the migration of brine cells. V. L. Tsunikov. *Okeanologiya* 7 no. 5:884-902 S-O '67.

551.3(261)—Atlantic Ocean

Stratification of abyssal sediments of the equatorial zone of the Atlantic. A. V. Ilin and others. *Dokl. AN SSSR* 176 no. 2:430-441 S '67.

551.3(262.6)—Caspian Sea

Distribution of mollusks on the islands of the Baku Archipelago in connection with the lowering of the level of the Caspian Sea. T. M. Gadzhiev. *Azerb. nefi, khoz.* 46 no. 6:7-8 Je '67.

551.3(262.24)—European rivers

Calculation of the hydrograph of spring flood under conditions of regular streamflow. E. S. Zmleeva. *Trudy TSIP* no. 155:66-76 '67.

551.3(471.311)—Moscow Province

Contacts of the loam soil cover with basement rocks in the Moscow region as related to its origin. A. E. Krivolutskiy. *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 4:28-33 Ji-Ag '67.

551.3(471.5)—Ural regions

Age and conditions of the formation of deposits on the fourth above-floodplain terrace of the Irgina River in the Kama Valley. I. I. Golubeva. *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 4:108-109 Ji-Ag '67.

551.3(479)—Caucasus and Transcaucasia

Calculation of the hydrograph of the runoff of snow-water and rain from small mountain rivers. A. N. Vazhnov. *Trudy TSIP* no. 155:16-26 '67.

- 551.3(470.24)—Azerbaijan S.S.R.
Calculating hydraulic parameters of flood waters of rivers of the Nukha-Zakataly area, S.M. Amirdzhunov, U.R. Mirza-zade. *Za tekhn. prog.* 7 no. 10 39-41 O '67
- 551.3(571)—Asiatic R.S.F.S.R.
Alluvium facies of mountain rivers, A.A. Chitakov, *Sov. geol.* 10 no. 12-130-132 D '67.
Factors of spring streamflow in the forest zone of the West Siberian Plain, D.A. Buiakov, *Trudy TSIP* no. 155 103-108 '67.
The nature of vegetation as an indicator of permafrost conditions, G.G. Lazukova, *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 4 51-58 Ji-Ag '67.
Special features of the development of heat transfer in the active layer of soil in Eastern Siberia, T.I. Neumolova, *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 4 83-90 Ji-Ag '67.
- 551.3(571.151)—Gorno-Altai Autonomous Province
A "stone river of snakes" in the Katun' Valley, I.U. V. Nifolov, *Izv. Akad. Nauk SSSR, Ser. 5 Geog.* 22 no. 6 47-48 '65.
- 551.3(571.52)—Tuva A.S.S.R.
Tectonic division of intrusive formations of the Sanglien Range (southeastern Tuva), N.V. Rogov, *Dokl. AN SSSR* 176 no. 2-409-412 S '67.
- 551.3(571.0)—Soviet Far East
Comparing the present-day physiogeographical zones of the Amur Valley with its physiogeographical zones in the epoch of the highest glaciation, V.V. Nikol'skaya, D.A. Timofeev, *Dokl. Inst. geog. Sib. i Dal'. Vost.* no. 12 35-41 '66.
- 551.3(574)—Kazakh S.S.R.
Characteristics of the high-altitude zonality of the Dzungarian Ala-Tau, T.S. Tikhonova, *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 6 96-102 N-D '67.
- 551.3(575)—Central Asia
Basic altitudinal zones of the formation of the stream-flow of Central Asia in the different months of the vegetation period, T.S. Abal'man, *Trudy TSIP* no. 155 3-15 '67.
- 551.4 **GEOMORPHOLOGY**
Anthropogenetic factor in landform formation, landforms and channels, Part 7, L.N. Gumilev, *Vest. LGU* 22 no. 21 102-112 D '67.
Basic characteristics of tidal phenomena in river estuaries, A.V. Serchukov, *Trudy GOIN* no. 80-16-38 '67.
Basic results of the study of the hydrology of river estuaries of the U.S.S.R. for the last ten years in the Hydrometeorological Service, V.N. Mikhailov, *Trudy GOIN* no. 89 5-15 '67.
Calculation of mean discharges of water currents, V.V. Lebedev, *Meteor. i gidrol.* no. 12-63-69 D '67.
Calculation of water inflow into a reservoir, E.S. Zmleva, *Meteor. i gidrol.* no. 12-58-62 D '67.
Currents along the shore and normally to the shore in the coastal zone of shallow waters, A.I. Filimonov, *Okeanologiya* 6 no. 4 615-650 '66.
Deep circulation in Mediterranean basins of the world ocean, I.U. G. Vladimirtsev, *Okeanologiya* 6 no. 4 660-670 '66.
Determination of the depth of thermohaline mixing in the tropical regions of the oceans, V.M. Gruzinov, *Okeanologiya* 6 no. 4 593-598 '66.
Discoveries in the oceans, A.S. Monin, N.M. Belousov, *Zem. i vesl.* no. 5 44-52 S-O '67.
Distribution of plankton and the layer of reduced transparency, E.A. Lubay-Gertsyk, V.I. Degtlarev, *Dokl. AN SSSR* 176 no. 2-443-445 S '67.
Diurnal temperature variations and turbulent exchange in the heating of the surface layer of the sea, A.G. Voskresnaya, A.A. Pivovarov, G.G. Khundzhua, *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 11 1210-1216 N '67.
Dynamics of coasts of elongated water areas, V.M. Voskoboinikov, *Okeanologiya* 6 no. 4 659-665 '66.
The Fourth Conference on Mathematical Methods in Geomorphology, O.A. Borsuk, I.I. Spasskaya, *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 6 116-117 N-D '67.
Geochemical classification of natural waters, A.N. Pavlov, V.N. Shumilkin, *Geokhimiya* no. 12 1482-1488 D '67.
- [Geophysics of landforms] *Geofizika landshafta*, Moskva, Nauka, 1987, 173 p.
- Landform and hydrological principle of the study, calculation, and prognosis of the runoff of snow and rain waters, A.I. Subbotin, *Meteor. i gidrol.* no. 12-50-57 D '67.
Literature on meteorology and hydrology in 1966-1967, *Meteor. i gidrol.* no. 11 107-111 N '67.
Literature on meteorology and hydrology in 1966-1967, *Meteor. i gidrol.* no. 12-100-102 D '67.
Long waves from periodical pressures in an inhomogeneous fluid of variable depth, N.N. Abrashina, *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 11 1227-1234 N '67.
- A meeting of the International Commission of Applied Geomorphology, N.V. Bashonin, *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 4 122-123 Ji-Ag '67.
Method of calculating water softening equipment with non-surface evaporators, K.A. Afanas'ev, *Trudy TSNIMF* 13 no. 81 98-106 '67.
Morphometric analysis of short-time changes in the relief of the coastal zone, V.R. Bolnagian, *Okeanologiya* 6 no. 4 651-658 '66.
Nomograms for determining parameters of the equation $y = Ae^{2\lambda(\cos\phi + \frac{1}{2}\sin\phi)}$, B.F. Losev, *Okeanologiya* 6 no. 4 702-706 '66.
Physics of wind waves, V.V. Shuleikin, *Zem. i vesl.* no. 5 75-83 S-O '67.
Possibility of the use of infrared pictures of the earth tracing dynamics of sea currents, detection of jet streams, and noctilucent clouds, V.F. Zhvalov, K.A. Kondrat'ev, N.E. Ter-Markarants, *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 11 1187-1195 N '67.
Problem of establishing the means of tidal waves, the nonlinear problem of the unidirectional movement of tidal waves in lakes and seas, A.N. Koshechev, *Dokl. Inst. geog. Sib. i Dal'. Vost.* no. 12 24-27 '66.
Prognosis of water inflow into a reservoir during the low-water period, E.S. Zmleva, *Trudy TSIP* no. 155 48-55 '67.
Rate of underground water flow, A.E. Gurevich, *Sov. geol.* 10 no. 12-73-75 D '67.
Results of research in hydrology and engineering geology, V.M. Fomin, M.I.A. Danilovich, N.I. Plotnikov, *Razved. i okh. nedr.* 33 nos. 10/11 101-107 O-N '67.
Results of the study of the hydrogeology of the U.S.S.R., I.K. Zaitsev, *Sov. geol.* 10 no. 11 40-55 N '67.
Review of works on the theory of tsunami done in the Soviet Union; for the 50 years of the Soviet regime, S.S. Voits, *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 11 1158-1165 N '67.
- Savilov, A.I. [Man and the ocean]. Chelovek i okean. Kalinin, Izd-vo Agentstva pechat. i korr. 1987, 8 p. illus.
- Some characteristics of the geomorphology of the northwestern part of the Atlantic Ocean, G.V. Agapova, *Okeanologiya* 6 no. 4 666-671 '66.
Some characteristics of the roughness of the sea surface, M.M. Bogodskii, *Okeanologiya* 6 no. 4 580-592 '66.
Some notes on the methodology of marine geomorphological studies, R.E. Esulin, *Okeanologiya* 6 no. 4 711-714 '66.
Some problems of the formation of thermal waters and prospects of their utilization, B.F. Mavritskii, *Sov. geol.* 10 no. 11 134-148 N '67.
Soviet contribution to oceanology, L.A. Zenkevich, S.D. Osokin, *Priroda* no. 11 90-109 N '67.
Soviet oceanography serving the national economy, A. Plakhotnik, *Mor. flot.* 27 no. 11 7-8 N '67.
Soviet studies on the theory of wind-driven waves during the 50 years of the Soviet regime, V.V. Shuleikin, *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 11 1137-1157 N '67.
State and prospects of the development of aerial observation methods in the ocean, N.N. Lazarenko, *Meteor. i gidrol.* no. 11-97-101 N '67.
Study of the volume scattering of sound in the ocean and measurements of acoustic characteristics of the scattering layers, I.B. Andreeva, *Okeanologiya* 6 no. 4 599-607 '66.
Studying the landforms and geomorphology of seashores; based on the materials of the Far East, V.I. Lymayev, *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 4 109-111 Ji-Ag '67.
- Tessman, N.F. [Field practice in meteorology and hydrology; textbook for students enrolled in faculties of geography and natural geography of pedagogical institutes]. Polevaya praktika po meteorologii i gidrologii; uchebnoe posobie dlia studentov geograficheskikh i estestvenno-geograficheskikh fakul'tetov pedagogicheskikh institutov. Izd. 2., dop. i perer. Moskva, Prosveshchenie, 1987, 116 p.
- Theory of turbulent exchange in the upper boundary layer of the ocean, S.A. Kitagorodskii, I.U. Z. Miropol'skii, *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 11 1196-1209 N '67.
Using natural orthogonal functions as bases for the numerical representation of compaction fields of ice and prognosis of its redistribution, A.I. Murzin, V.I. Smirnov, *Meteor. i gidrol.* no. 11 79-85 N '67.
- Zimbalkidze, G.N. [Movement of a real liquid and solid bodies in curvilinear river sections]. Dvizhenie real'no zhidkosti i tverdykh tel na krivolineynykh uchastkakh rek. Pod obshch. red. N.F. Danil'ia. Tbilisi, Sabchola Sakartvelo, 1987, 201 p.
- 551.4(234)—Mountains of Europe
Calculation of the runoff form of temporary channels and mountain rivers of the Ukrainian Carpathians, A.N. Bafani, O.N. Mel'nikhuk, *Trudy UkrNIGMI* no. 60 105-137 '67.
Channel capacity of small rivers of the Carpathians and an account of its effect on flood runoff, L.B. Byshovets, *Trudy UkrNIGMI* no. 60 94-104 '67.
- 551.4(26)—Oceans, Seas
Development of the theory of sea and ocean circulation in the U.S.S.R. for 50 years, V.B. Sitokman, *Okeanologiya* 7 no. 5 761-773 S-O '67.
- 551.4(262)—Mediterranean Sea, including Adriatic and Aegean Seas
Depth corrections for the change of the velocity of sound in water during echo sounding in the Black and Mediterranean Seas, V.P. Goncharov, O.V. Mikhailov, *Okeanologiya* 6 no. 4 707-711 '66.
- 551.4(262.5)—Black Sea
Depth corrections for the change of the velocity of sound in water during echo sounding in the Black and Mediterranean Seas, V.P. Goncharov, O.V. Mikhailov, *Okeanologiya* 6 no. 4 707-711 '66.
Evaluation of the reserve of strontium 90 and cesium 137 in the Black Sea, L.I. Boliav, L.I. Gudeonov, G.V. Iakovleva, *Okeanologiya* 6 no. 4 641-644 '66.
- 551.4(262.9)—Aral Sea
Statistical characteristics of the long-term series of mean annual levels of the Aral Sea, V.P. I'vov, *Okeanologiya* 6 no. 4 632-640 '66.
- 551.4(265)—Pacific Ocean
Calculation of the surface and deep currents in the northern part of the Pacific Ocean in summer, Z.F. Gukilova, *Okeanologiya* 6 no. 4 615-631 '66.
- 551.4(262.24)—European rivers
Calculation of the hydrograph of spring flood under conditions of regular streamflow, E.S. Zmleva, *Trudy TSIP* no. 155 56-70 '67.
Characteristics of the distribution of grounds in the estuary region of the Dnieper and Southern Bug Rivers, I.U. P. Sudakova, *Trudy GOIN* no. 89 210-216 '67.
Formation of a bar in an estuary under conditions of a significant role of marine factors, as revealed by a study made in the Lielupe River, V.V. Romashin, *Trudy GOIN* no. 89 181-174 '67.
Long-range prognosis of the water inflow into the reservoir of the Kama Hydroelectric Power Station, N.D. Lebedeva, *Trudy TSIP* no. 155 89-102 '67.
Method for the forecasting of sea floods in Leningrad on the basis of numerical integration of equations of shallow water, N.A. Labzovskii and others, *Meteor. i gidrol.* no. 11 71-78 N '67.
Methodology of the determination of the efficiency of the calculation of hydrological prognosis in the designation of regimes for hydroelectric power stations, S.B. Elakhovskii, *Trudy TSIP* no. 155 35-47 '67.
Mudflow on the Prutets Chemegevoyskiy River (Caspian Sea) and its characteristics, M.M. Zizenberg, A.I. Guskov, *Trudy UkrNIGMI* no. 60 110-153 '67.
Some characteristics of the formation of a bar in an estuary under conditions of a significant role of river factors, as revealed by a study made in the Vistula estuary, V.N. Mikhailov, *Trudy GOIN* no. 89 175-190 '67.
Water resources of the Dnieper River, T.M. Shnaiskin, I.U. V. Shvelkin, *Trudy UkrNIGMI* no. 60 138-145 '67.
- 551.4(471.23)—Leningrad Province
Waterfall on the Sablinka River (Leningrad Province), G.D. Selivanov, Z.A. Svarichovskaya, *Vest. LGU* 22 no. 24-152-153 D '67.
- 551.4(471.34)—Gorky Province
Prognosis of spring water inflow into the reservoir of the Gorky Hydroelectric Power Station, V.I. Sapozhnikov, *Trudy TSIP* no. 155 77-83 '67.
- 551.4(474.2)—Estonian S.S.R.
Physiogeographical (landform) regionalization of the southwestern part of Estonia, V.G. Palaka, *Vest. LGU* 22 no. 24-130-148 D '67.
- 551.4(477)—Ukrainian S.S.R.
New data on underground waters of the Kharkov region, H.M. Zakharchenko, L.A. Chechelnyts'kiy, O.K. Shved, *Dop. AN URSR, Ser. B* 29 no. 11 902-904 N '67.
- 551.4(477.88)—Transcarpathia
Water balance of mountain slopes, A.N. Bafani, A.G. Ivanenko, *Trudy UkrNIGMI* no. 60 75-79 '67.
- 551.4(478.25)—Armenian S.S.R.
New data on the sources of Lake Aygerich and Saydzhuy River, G.K. Gabriellian, *Dokl. AN Arm. SSR* 45 no. 3: 130-133 '67.
- 551.4(519.3)—Mongolian People's Republic
General problems concerning the morphological structure of the Mongolian-Okhotsk region, V.P. Chichagov, *Dokl. Inst. geog. Sib. i Dal'. Vost.* no. 12 42-46 '66.
Neogene-Quaternary giant lakes in Transbaikalia and northern Mongolia, E.I. Selivanov, *Dokl. AN SSSR* 177 no. 1 175-178 N-D '67.

- 551.4(571)—Asiatic R. S. F. S. R.
Evaluation of the rate of manifestation and the geological role of hydrogeological processes in the Angara-Lena basin. A. E. Khod'kov. Vest LGU 22 no. 24 30-40 D '67.
Long-range forecasting of the autumn-winter streamflow in Siberian mountains. A. A. Kharshan, G. S. Shelepova. Trudy TSIP no. 155 27-34 '67.
Neogene-Quaternary giant lakes in Transbaikalia and northern Mongolia. E. I. Selivanov. Dokl. AN SSSR 177 no. 1175-178 N-D '67.
- 551.4(571.12)—Tyumen' Province
Classification of landforms and topographical features of the Northern Sos'va part of the Ob' Valley. E. N. Dib-tsev. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 13 3-11 '66.
Methodology of calculating reservoir pressures as exemplified by the oil fields of Western Siberia. V. K. Fedortsev, V. P. D'akonov, Neftegaz. geol. i geofiz. no. 10 24-27 '67.
- 551.4(571.15)—Altai Territory
Some data on the distribution and morphology of karst lands in the Altai Mountain region. A. N. Tupotilova. Izv. Alt. otd. Geog. ob-va SSSR no. 6 29-36 '65.
- 551.4(571.6)—Soviet Far East
General problems concerning the hydrological structure of the Mongolian-Okhotsk region. V. P. Chichagov. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 12 42-46 '66.
- 551.4(574)—Kazakh S. S. R.
Hydrogeological regionalization and some characteristics of the formation of underground waters in the Atasu ore zone. L. Tenenbaum. Vest LGU 22 no. 24 75-80 D '67.
Origin of the structural plateau of the Khobda and Uil interfluvial (western Kazakhstan). S. A. Sladkovitshev. Izv. vuz. ucheb. zav. i geol. i razv. 10 no. 11 131-132 N '67.
- 551.4(575)—Central Asia
Prognosis of water levels of the Irtysh accounting for transformation. V. I. Sapozhnikov, P. V. Borisov. Trudy TSIP no. 155 84-88 '67.
- 551.4(575.1)—Uzbek S. S. R.
The age of terraces in the Zhetysay Valley as related to the geological and geomorphological study of the region of Amankutan Cave. A. A. Il'iev. Izv. Uzb. geog. ob-va 8 128-130 '64.
Fauna of the groundwaters of Central Asia. Report No. 1. Representatives of Hydracarina from the group Forohalacaridae (Acari) in the groundwaters of Kyzyl Kum wells. A. I. Lankovskaya. Trudy Zool. inst. 43 109-117 '67.
- 551.44(471.5)—Ural regions
Makalimovich, G. A., and R. B. Rubel'. [On the earth and under] Na zemle i pod zemlo Sverdlovsk, Sredne-Uralskoe knizhnoe izd-vo, 1966 172 p.
- 551.45 PLAINS, PRAIRIES, STEPPES, ETC. DESERT
Reconstruction of Early Jurassic accumulative plains based on findings of diamonds in a recent drainage system. L. N. Zvoder. Sov. geol. 10 no. 12 117-121 D '67.
- 551.45(540)—India
Penopains of peninsular India. V. A. Nikolaev. Vest Mosk. un. Ser. 5 Geog. 22 no. 6 49-50 N-D '67.
- 551.46 OCEANOGRAPHY. SUBMARINE TOPOGRAPHY
Biological transformation and exchange of energy and substances in the ocean. V. G. Bogorov. Okeanologia 7 no. 5 839-850 S-O '67.
Calculation of the coefficients of turbulent mixing. A. V. Shumilov. Vest Mosk. un. Ser. 5 Geog. 22 no. 4 77-82 Ji-Ag '67.
Characteristics of the distribution of the radioactive pollution in the ocean. V. I. Beliaev, A. G. Kolesnikov, B. A. Nelenov. Izv. AN SSSR. Fiz. atm. i okeana 3 no. 10 1092-1106 O '67.
Densification and transformation of Mediterranean waters as a result of their mixing with the waters of the Atlantic Ocean. V. A. Dubnov. Vest. Mosk. un. Ser. 5 Geog. 22 no. 4 59-63 Ji-Ag '67.
Determination of indexes of the vertical diminution and absorption of coefficients of the spectral light intensity of the sea according to measurements from an airplane. M. V. Kozhannov, I. V. Semchenko. Izv. AN SSSR. Fiz. atm. i okeana 3 no. 10 1116-1118 O '67.
Dynamic and thermal interaction between the atmosphere and the ocean. S. S. Zil'nikin. Izv. AN SSSR. Fiz. atm. i okeana 3 no. 10 1069-1077 O '67.
Evaluation of a random selection of observations on currents in shallows off the mouth of a river and in coastal zone of the sea. N. A. Skriptunov. Trudy GOIN no. 89 72-80 '67.
Expeditionary oceanographic studies in the Soviet Union for 50 years. A. D. Dobrovolskiy. Okeanologia 7 no. 5 730-760 S-O '67.
- Interaction of surface waves. S. V. Nesterov. Izv. AN SSSR. Fiz. atm. i okeana 3 no. 10 1087-1091 O '67.
Metamorphization of the temperature fields of the coastal regions in the process of thermal abrasion. G. A. Saifanov. Vest Mosk. un. Ser. 5 Geog. 22 no. 4 104-105 Ji-Ag '67.
Mid-oceanic ranges and neotectonics. O. K. Leon'ev. Vest Mosk. un. Ser. 5 Geog. 22 no. 6 32-42 N-D '67.
The motion of sea waves. A. I. Duvann. Vest. Mosk. un. Ser. 5 Geog. 22 no. 6 26-31 N-D '67.
Nonlinear problems dealing with oceanic circulation. G. I. Marchuk. Dokl. AN SSSR 176 no. 1 80-83 S-O '67.
Practice in measuring wind waves using a directional pick-up system. A. A. Dvornik, K. V. Konlav. Okeanologia 7 no. 5 927-932 S-O '67.
Present state of methods of ice forecasting on the seas of the U. S. S. R. S. I. Kan. Okeanologia 7 no. 5 786-791 S-O '67.
Problem of tsunamis taking into account the viscosity of fluid. L. V. Chereshov. Izv. AN SSSR. Fiz. atm. i okeana 3 no. 10 1078-1085 O '67.
Second Atlantic Expedition of the Hydrometeorological Service of the U. S. S. R. B. A. Filippov, M. D. Zikov, V. V. Vinogradov. Okeanologia 7 no. 5 935-938 S-O '67.
Small-scale interactions between the ocean and the atmosphere, brief outline of Soviet studies. Okeanologia 7 no. 5 774-785 S-O '67.
Soviet studies of bottom sediments of the oceans. P. I. Bezrukov, A. P. Lisitsyn. Okeanologia 7 no. 5 828-838 S-O '67.
Study of the structure of the layer of bottom friction at a shallow shore. V. B. Titov, A. S. Osadchii. Izv. AN SSSR. Fiz. atm. i okeana 3 no. 10 1119-1124 O '67.
Thermal conditions of the sea 50 years of the Soviet regime. A. A. Dmitriev. Izv. AN SSSR. Fiz. atm. i okeana 3 no. 10 1035-1043 O '67.
Unity of the atmosphere and ocean. V. S. Samoilenko. Vest Mosk. un. Ser. 5 Geog. 22 no. 6 20-25 N-D '67.
- 551.46(26)—Oceans Seas
Changes of sea ice salinity due to the migration of brine cells. V. L. Tsurikov. Okeanologia 7 no. 5 894-902 S-O '67.
Development of marine optics in the U. S. S. R. M. V. Kozhantsev. Okeanologia 7 no. 5 801-810 S-O '67.
Small-scale interactions between the ocean and the atmosphere, brief outline of Soviet studies. A. A. Kitagorodskii. Okeanologia 7 no. 5 774-785 S-O '67.
Study of normal annual changes of tidal type forces in the Arctic. I. V. Maksimov. Okeanologia 7 no. 5 868-878 S-O '67.
Turbulence and turbulent intermixing in the ocean; brief history of studies in the U. S. S. R. for 50 years. R. V. Ozmidov. Okeanologia 7 no. 5 860-867 S-O '67.
- 551.46(261.3)—Baltic Sea, with Gulfs
Calculation of currents during stable wind in coastal waters of the Gulf of Riga. B. V. Sheinbakh. Trudy GOIN no. 89 82-95 '67.
Spectra of currents in the central part of the Baltic Sea. I. D. Zvokov, K. S. Pomeranets. Izv. AN SSSR. Fiz. atm. i okeana 3 no. 10 1110-1115 O '67.
- 551.46(262.5)—Black Sea
Conference on the study of the Sea of Azov. V. N. Drozdov and others. Okeanologia 7 no. 5 838-839 S-O '67.
- 551.46(265)—Pacific Ocean
Basic features of the structure and position of the subarctic front in the northwestern part of the Pacific Ocean. N. P. Bulgakov. Okeanologia 7 no. 5 870-888 S-O '67.
Temperature and salinity of bottom water of the Pacific Ocean. S. G. Panfilova. Okeanologia 7 no. 5 889-893 S-O '67.
- 551.46(267)—Indian Ocean
Measurement of the coefficient of heat conductivity of bottom sediments in the Indian Ocean by the needle-probe method. A. V. Efimov. Okeanologia 7 no. 5 903-907 S-O '67.
- 551.46(268)—Arctic Ocean
Present state and prospects of the methodology of long-range ice forecasting for the Arctic seas. N. A. Volkov, Z. M. Gudkovich. Okeanologia 7 no. 5 782-800 S-O '67.
- 551.46 SURFACE WATERS
Analyzing the space and time aspects of the cyclic nature of river runoff. A. I. Davydova, G. P. Kalinin. Vest. Mosk. un. Ser. 5 Geog. 22 no. 4 11-16 Ji-Ag '67.
A new device for measuring the velocity of currents in geographical studies. V. M. Pavlov. Vest. Mosk. un. Ser. 5 Geog. 22 no. 4 97-99 Ji-Ag '67.
Soveshchaniye po voprosam krugovorota veshchestva i energii v ozernykh vodotokakh. 1964. [Abstracts of papers of the Conference on Problems of the Circulation of Matter and Energy in Lakes (problems of biotic, chemical, heat, and water balances of lakes)] Soveshchaniye po voprosam krugovorota veshchestva i energii v ozernykh vodotokakh (Voprosy bioticheskogo, khimicheskogo, teplovogo i vodnogo balansov ozernykh vodotokov); tezisy dokladov. Listvenichnoe na Baikale, 1964. 87 p.
- 551.48(262.5)—Black Sea
Characteristics of the hydrological regime of Taganrog Gulf in rises and flows. N. A. Rodionov. Trudy GOIN no. 89 95-108 '67.
- 551.48(262.24)—European rivers
Calculation of level variations and the distribution of streamflow in the delta in the presence of obstructions, as revealed by a study made in the Don Delta. V. N. Mikhailov, G. N. Gan, T. A. Makarova. Trudy GOIN no. 89 140-160 '67.
Distribution of runoff in streams and the future of the Ural Delta. O. K. Tlenbekov. Trudy GOIN no. 89 125-139 '67.
Flooding of the Volga Delta under conditions of regime streamflow. S. S. Baidin. Trudy GOIN no. 89 67-71 '67.
Method of the calculation of waves in the near-estuary region of the Pregolya River. V. A. Zorina. Trudy GOIN no. 89 110-124 '67.
Method of the interpolation of the size of rising water in the Don River estuary. I. P. Beliaev, M. G. Deev. Trudy GOIN no. 89 47-51 '67.
Methodology of the measurement of water discharges in estuaries of nontidal rivers in wind-caused rise and fall phenomena, as revealed by a study made in the Don estuary. V. N. Drozdov. Trudy GOIN no. 89 151-161 '67.
Water level of the estuary area of the Ural River and its variation in connection with the lowering of sea level. O. K. Tlenbekov. Trudy GOIN no. 89 52-65 '67.
- 551.48(282.25)—Asian rivers
Approximate method of the calculation of water and salt exchange between shallows off the mouth of a river, as revealed by a study made in the Amu Darya estuary. S. S. Khodkin. Trudy GOIN no. 89 109-118 '67.
Calculation of water and salt interchange between seas and delta water bodies, as revealed by a study made in the Amu Darya estuary. S. S. Khodkin. Trudy GOIN no. 89 200-209 '67.
- 551.48(285)—Lakes, Ponds, etc
Temperature of Lake Pleshcheyev in the iceless period of 1954-1955. K. V. Dubianskaya. Vest. Mosk. un. Ser. 5 Geog. 22 no. 6 110-112 N-D '67.
- 551.48(471.52)—Bashkir A. S. S. R.
Characteristics of relief forms on the banks of Lake Aslikul' in Bashkiria. A. I. Solov'ev. Vest. Mosk. un. Ser. 5 Geog. 22 no. 4 99-101 Ji-Ag '67.
- 551.48(471.6)—Northern Caucasus
Annual distribution and regulation of river runoff in mountainous countries. V. D. Bykov. Vest. Mosk. un. Ser. 5 Geog. 22 no. 4 34-39 Ji-Ag '67.
- 551.48(471.62)—Krasnodar Territory
Calculation of currents and the rise of water level caused by wind in the estuary area of the Kuban River. V. A. Luk'yanov. Trudy GOIN no. 89 39-45 '67.
- 551.48(477)—Ukrainian S. S. R.
Experimental studies of rain runoff in the Carpathians (Rika basin). A. N. Befani and others. Trudy UkrNIIGMI no. 69 3-32 '67.
Possibility of the precalculation of rain floods of small mountain rivers based on data of diurnal precipitation, as revealed by a study made of the Rika River at Mezhor'ye. N. F. Befani, I. A. Popova. Trudy UkrNIIGMI no. 69 80-83 '67.
- 551.48(477.88)—Transcarpathia
Experimental formulas of absorption and their application for the calculation of rain runoff from small mountain basins. N. F. Befani, V. B. Porodniakova, K. K. Tkachuk. Trudy UkrNIIGMI no. 69 57-71 '67.
- 551.48(8)—South America
Average yearly runoff and its fluctuations in Venezuela. V. D. Bykov, A. S. Nemat'sev. Vest. Mosk. un. Ser. 5 Geog. 22 no. 6 108-110 N-D '67.
- 551.49 UNDERGROUND WATERS
Analyzing the method for degassing samples of formation water by means of the device of E. I. Tsis, A. A. Klimentko. Trudy VNIIGaz no. 27/35 331-335 '67.
Coordination conference in the VNIIG. I. K. Gavrich. Izv. vuz. ucheb. zav. i razv. 9 no. 12 134 D '65.
Determination of hydrogeological parameters according to data of regime observations at a high level of surface ground waters. V. Kh. Khachatryan. Izv. vuz. ucheb. zav. i razv. 9 no. 12 71-79 D '66.
Hydrochemistry of formation waters of Lower Cretaceous sediments in the Caspian Lowland in connection with evaluating prospects for gas and oil occurrences. L. M. Zor'kin, V. G. Kozlov, G. A. Iurlin. Trudy VNIIGaz no. 27/35 258-262 '67.
Simplified method for the determination of parameters of water- and oil-bearing layers. G. A. Garunov, G. A. Mataev. Izv. vuz. ucheb. zav. i razv. 10 no. 11 89-92 N '67.
Some features of the movement and the formation of the composition of underground waters. A. I. Polivanova. Trudy VNIIGaz no. 27/35 186-235 '67.

Gas saturation of formation waters in the terrigenous Devonian in the southeastern part of the Russian Platform. L. M. Zor'kin and others. *Trudy VNIIGaz* no. 27/35 236-247 '67.

Hydrochemical characteristics of formation waters in terrigenous sediments of the Middle Carboniferous in the southeastern part of the Russian Platform in connection with their oil and gas potentials. V. L. Vinogradov, L. M. Zor'kin, E. V. Stadnik. *Trudy VNIIGaz* no. 27/35 248-257 '67.

551 49(471.6)—Northern Caucasus

Characteristics of underground waters in Mesozoic sediments in eastern Caucasia, regularities in their composition changes and features formation. A. V. Danov, A. I. Polivanova. *Trudy VNIIGaz* no. 27/35 156-165 '67.

551 49(471.63)—Slavropol Territory

Interchangeability of formation waters in the Khadum sediments of Slavropol Territory. A. A. Klimenko, M. N. Mitin. *Trudy VNIIGaz* no. 27/35 326-330 '67.

551 49(471.67)—Daghestan

Bezhiyev, M. S., and A. M. Asaev. [Mineral springs in the Akhty region of the Daghestan A.S.S.R.] *Mineralnye istochniki Akhtynskogo i Itona Dagestanskoi ASSR* Makhachkala, Dagestanskoe knizhnoe izd-vo, 1966, 77 p.

551 49(477)—Ukrainian S.S.R.

Thermal water in the western provinces of the Ukrainian S.S.R. P. S. Gavrilenko, V. M. Shepach. *Izv. vys. ucheb. zav. i geol. razv.* no. 11-87-88 N '67.

551 49(574)—Kazakh S.S.R.

Dependable source of the water supply. A. Danilov and others. *Nar. khoz. Kazakh.* 25 no. 12 71-72 D '67.

551 5 METEOROLOGY. CLIMATOLOGY

Accuracy in calculation of solid precipitation. M. S. Deleaur. *Trudy Ukr. NIGMI* no. 68 66-73 '67.

All-Union symposium on the problems of turbulent currents including geophysical supplements held in Kiev on June 16-21, 1967. A. M. Aglom. *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 11:1230-1240, N '67.

Altitude distribution of cloud condensation nuclei in the free atmosphere. A. G. Laktionov. *Dokl. AN SSSR* 170 no. 2 315-318 S '67.

Atmospheric and oceanic physics in the U.S.S.R. for 50 years. *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 11: 1131-1136 N '67.

Basic results and contemporary problems of agrometeorological studies. V. V. Sinel'shchikov. *Meteor. i gidrol.* no. 12-5-11 D '67.

Brief characteristics of conditions governing the evaporation from snow cover in the U.S.S.R. I. D. Kopanov. *Trudy GGO* no. 214 111-121 '67.

Changes of climate. M. I. Budyko. *Meteor. i gidrol.* no. 11 18-27 N '67.

Control of the fields of mean monthly pressure and mean monthly temperature on the earth using the Ural-1 electronic computer. T. P. Svyetlova. *Trudy GGO* no. 214 3-12 '67.

Dependence of spectra of components of the velocity of a wind current on the spectrum of tangential wind stress. V. S. Balasov. *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 11: 1217-1226 N '67.

Dependence of the gas emanation in mining areas on industrial processes and barometric pressure. A. M. Ustinov. *Nauch. trudy KNIU* no. 7 181-191 '67.

Determination of the depth of thermohaline mixing in the tropical regions of the oceans. V. M. Gruzinov. *Okeanologia* 6 no. 4 593-598 '66.

Determination of vertical velocities of convection and some of its parameters by pluviographic data. E. M. Orlova. *Meteor. i gidrol.* no. 12 33-40 D '67.

Distribution of humidity in the atmosphere with clouds. M. A. Kuznetsova. *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 11:1235-1238 N '67.

Dynamic and thermal interaction between the atmosphere and the ocean. S. S. Zilitinkevich. *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 10:1069-1077 O '67.

Electronic computers help to train the specialists in meteorology. V. I. Vorob'ev. *Vest. vys. shkoly* 25 no. 10-37-38 O '67.

An evaluation of the influence of the Arctic on the summer temperatures in the U.S.S.R. S. I. Zhukov. *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 6 106-108 N-D '67.

Evolution of the polar stratospheric cyclone and the interrelationship between processes in the troposphere and the stratosphere. I. G. Pchelko. *Meteor. i gidrol.* no. 12 21-32 D '67.

Global properties of noctilucent clouds. N. I. Grishin. *Astron. vest.* 1 no. 4:226-233 O-D '67.

Hydrometeorological Service of the U.S.S.R. during 50 years. V. I. Korzun. *Meteor. i gidrol.* no. 11 3-12 N '67.

[Information materials on hydrometeorological instruments and observation methods] Inform. mat. po gidromet. prib. i met. nabl. nos. 30-31 '67.

Inverse problems of satellite meteorology. K. I. A. Kondrat'ev, I. U. M. Timofeev. *Meteor. i gidrol.* no. 11-28-38 N '67.

Literature on meteorology and hydrology in 1966-1967. *Meteor. i gidrol.* no. 11-107-111 N '67.

Literature on meteorology and hydrology in 1966-1967. *Meteor. i gidrol.* no. 12-100-102 D '67.

Low frequency limit of the inertial limit in the lower atmospheric layer. Z. I. Volkovitskaya, V. N. Ivanov. *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 10 1051-1061 O '67.

Main Geophysical Observatory and the development of domestic meteorology. M. I. Budyko. *Zem. i vesl.* no. 5 60-65 S-O '67.

Meteorological problems in securing purity of the atmosphere. M. E. Beiland. *Meteor. i gidrol.* no. 11-50-62 N '67.

Methodology of the calculation of total evaporation on irrigation fields. I. G. Gorbunova. *Trudy GGO* no. 214 87-96 '67.

Methodology of the determination of heat balance on a potato field. R. S. Liapina, T. A. Ogneva. *Trudy GGO* no. 214 84-87 '67.

Methodology of the measurement of pressure and temperature in meteorological rocket sounding. M. N. Izakov, G. A. Kokin, S. P. Perov. *Meteor. i gidrol.* no. 12 70-86 D '67.

Methods for calculation of evaporation based on hydrometeorological data. A. R. Konstantinov. *Trudy Ukr. NIGMI* no. 68 87-110 '67.

Methods for the indirect study of some electric characteristics of the atmosphere. N. V. Krasnogorskaya. *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 10 1106-1109 O '67.

Nonlinear nonstationary model of the slope wind. V. L. Perov, V. M. Mal'bakov, L. N. Gutman. *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 11:1170-1185 N '67.

Oscillations in the atmosphere caused by movements of the earth's surface. G. S. Golitsyn, V. I. Khatsekin. *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 10:1014-1052 O '67.

Physicostatistical methods of weather forecasting and the possibility of their introduction. M. I. Iudin. *Meteor. i gidrol.* no. 11 39-44 N '67.

Possibility of comparison of meteorological characteristics obtained from observations during 4 climatologic and 8 synoptic periods. I. A. Berlin. *Trudy GGO* no. 214 23-30 '67.

Process of the accumulation and thawing of snow under the cover of swamped forests in the northern of taiga subzone. V. F. Izotov. *Meteor. i gidrol.* no. 11 86-91 N '67.

Profile of wind and the parameter of roughness on a potato field. R. S. Liapina. *Trudy GGO* no. 214 87-70 '67.

Quantitative evaluation of spatial relations of mean monthly values of the density of water vapor. N. A. Kas'ian, L. F. Shkoliar. *Trudy GGO* no. 214 13-18 '67.

Reasons for the origination of thermobaric seiches in the atmosphere. S. K. Oleviskaya. *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 10 1101-1105 O '67.

Recent data on Konkia flora and climate. G. S. Avakov. *Dokl. AN SSSR* 176 no. 2 395-398 S '67.

Relation of statistical characteristics of cloud fields to outgoing short-range radiation. V. I. Drolychevich. *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 10:1062-1060 O '67.

Research vessel "Professor Vize". B. A. Onufriyev. *Meteor. i gidrol.* no. 11-102-103 N '67.

Role of radiation and advection in the local forecasting of temperature. A. A. Dmitriev, A. A. Vinogradskaya. *Meteor. i gidrol.* no. 12 41-48 D '67.

Short-range weather forecasting using exact equations for a restricted area. G. I. Marchuk, G. R. Kontarev, G. S. Rilya. *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 11:1106-1178 N '67.

Some characteristics of the roughness of the sea surface. M. M. Bogorodskii. *Okeanologia* 6 no. 4 580-592 '66.

Some results of comparative observations according to the anemometer and wind vane. S. A. Smirnov. *Trudy GGO* no. 214 31-33 '67.

Study of mudflows and snow avalanches. I. U. B. Vinogradov and others. *Meteor. i gidrol.* no. 11-63-70 N '67.

Symposium on the scattering of light in the atmosphere held in Chernovitsy from June 29 to July 6. G. V. Rozenberg. *Izv. AN SSSR, Fiz. atm. i okeana* 3 no. 10 1127-1128 O '67.

Tessman, N. F. [Field practice in meteorology and hydrology; textbook for students enrolled in faculties of geography and natural geography of pedagogical institutes] *Polevaya praktika po meteorologii i gidrologii; uchebnoe posobie dlia studentov geograficheskikh i estestvenno-geograficheskikh fakul'tetov pedagogicheskikh institutov*. Izd. 2., dop. i perer. Moskva, Prosveshchenie, 1967, 118 p.

Theory and practice in obtaining hydrogen at aerological stations. E. T. Rybakov. *Trudy GGO* no. 214:100-113 '67.

Twenty-five years of the Central Aerological Observatory. G. I. Golyshov. *Meteor. i gidrol.* no. 11:13-17 N '67.

Unity of the atmosphere and ocean. V. S. Samoilenko. *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 6 20-25 N-D '67.

Unusual natural phenomena in 1969. A. V. Khismamov. *Izv. Uzb. geog. ob-va* 8:127-123 '64.

Visual agrometeorological observations from the air. V. P. Dmitrenko and others. *Trudy Ukr. NIGMI* no. 68 74698 '67.

Wind coefficients in equatorial regions. A. S. Polosin. *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 1 97-99 JI-Ag '67.

551 5(213)—Ilot (tropical, subtropical) regions

Project "Tropical Experiment". T. M. Dobryshman. *Meteor. i gidrol.* no. 12 12-20 D '67.

551 5(234)—Mountains of Europe

Shower precipitation in the Carpathians. P. F. Vishnevskii. *Trudy Ukr. NIGMI* no. 69 45-56 '67.

551 5(26)—Oceans Seas

Development of the theory of sea and ocean circulation in the U.S.S.R. for 50 years. B. P. Alisov. *Vest. Mosk. Okeanologia* 7 no. 5 761-773 S-O '67.

551 5(471.23)—Leningrad Province

Annual and diurnal variations of cloud cover in Voyaykovo. L. D. Gavrilova, N. I. Kaulin, M. P. Chizhevskaya. *Trudy GGO* no. 214-97-105 '67.

551 5(474.5)—Lithuanian S.S.R.

Climatic characteristics of Nida, a seaside resort on the Kurshaya Spit, in summer. B. P. Alisov. *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 4 61-68 JI-Ag '67.

551 5(477)—Ukrainian S.S.R.

Connection of corn yield with drought indices. V. V. Svirina. *Trudy Ukr. NIGMI* no. 68 11-21 '67.

Effect of various factors on the sugar content of beets. M. N. Mikhailova. *Trudy Ukr. NIGMI* no. 68 45-54 '67.

Hydrometeorological evaluation of drought phenomena. A. R. Konstantinov, V. V. Svirina. *Trudy Ukr. NIGMI* no. 68 3-11 '67.

Meteorology and climatology in the Ukraine during 1917-1926. I. E. Buchyn'skyi. *Meteor. i gidrol.* no. 12-93-96 D '67.

Methodology of the calculation of changes in moisture supply in sugar-beet and corn fields. L. K. Gritsenko. *Trudy Ukr. NIGMI* no. 68 55-65 '67.

Possibility of the precalculation of rain floods of small mountain rivers based on data of diurnal precipitation, as revealed by a study made of the Rika River at Mezhygalye. N. F. Befan, I. A. Popova. *Trudy Ukr. NIGMI* no. 68 80-93 '67.

Preliminary results of experimental studies of the heat regime of winter wheat and corn in the steppe part of the Ukraine. L. I. Sakali, N. A. Perelch, A. P. Solodovnikova. *Trudy Ukr. NIGMI* no. 68 22-32 '67.

Some characteristics of yield variations of sugar beets. N. I. Mikhailova. *Trudy Ukr. NIGMI* no. 68 33-44 '67.

551 5(479)—Caucasus and Transcaucasia

Kidvaeva, G. M., and others. [Physical properties of the snow cover of the Great Caucasus] *Fizicheskie svoystva snezhnogo pokryva Bol'shogo Kavkaza*. Moskva, Nauka, 1967, 103 p. (Akademiya nauk SSSR Mezhdunarodnaya geofizicheskii komitet IX razdel programmy MGG: Glitsiologiya. Sbornik statel, no. 17)

551 5(540)—India

Development of radio meteorology in India. T. S. Mathur. *Meteor. i gidrol.* no. 12-67-92 D '67.

551 5(571.12)—Tyumen' Province

Landform and thermophysical characteristics of the snow cover and the typology of the landform features of the medial taiga in the Northern Sos'va part of the Ob' Valley. E. G. Kolomyts. *Dokl. Inst. geog. Sib. i Dal'. Vest.* no. 13 12-23 '66.

551 5(571.0)—Soviet Far East

Studies in the field of agricultural meteorology in the Far East for 50 years. V. V. Kuz'myukova, V. P. Krut'skaya. *Meteor. i gidrol.* no. 11:92-96 N '67.

551 5(571.01)—Amur Province

Korotnev, G. V. [Climate of Amur Province] *Klimat Amurskoi oblasti*. Glagoveshchensk, 1967, 16 p. (Amurskaya oblast')

551 5(575)—Central Asia

Some results of the determination of the compactness of snow in the mountains of Central Asia; based on meteorological observations. G. Khaitonov. *Izv. Uzb. geog. ob-va* 8:88-90 '64.

551 5(575.1)—Uzbek S.S.R.

Average temperatures of the spring period in the Karslia Steppe. A. Khasanov. *Izv. Uzb. geog. ob-va* 8:16-25 '64.

The rate of rainfall in forming the runoff of suspended sediments of some rivers in the mountain region of Uzbekistan. O. P. Shcheglova. *Izv. Uzb. geog. ob-va* 8:9-15 '64.

551 5(575.2)—Kirghiz S.S.R.

Maksimov, N. V., M. P. Shcherbakov, and E. F. Verner. [Avalanches and their control in Kirghizia] *Laviny i bor'ba s nimi na territorii Kirgizii*. Rabota vypolnena pod red. R. D. Zabitova. Frunze, "Kyrgyzstan," 1965, 118 p.

Micropetrologic characteristics of the El'burgan series
in connection with the problem of the boundary between
the Turian stage and the Paleocene. V. V. Golubeva,
Trudy VNIIGaz no. 27/35 336-342 '67.

551 7(474)—Baltic Republics

Gailite, L. K., M. V. Rybnikova, and R. Zh. Ul'st
[Stratigraphy, fauna, and conditions governing the
formation of Silurian rocks in the middle part of the
Baltic region]. Stratigrafiya, fauna i uslovia ob-
razovaniya silurskikh porod v srednei Pribaltiki. Riga,
Zinatne, 1967 301 p.

551 7(477)—Ukrainian S. S. R.

History of the development of the Crimean Peninsula in
the Late Paleocene in connection with prospects for
finding oil and gas. V. E. Zhelezniak, Izv. vys. ucheb.
zav. geol. i razv. 9 no. 12:16-25 D '66.

New data on the stratigraphy of Neogene sediments of the
Interp'-Donets Lowland. I. N. Reimov, M. G. Berger
Dokl. AN SSSR 176 no. 1 175-178 S-O '67.
General characteristics of the composition of Upper
Paleozoic sediments of the southwestern part of the
Crimea (Lodra and Alma valleys). A. Adzhuddin
Vest. IGU 22 no. 24:81-87 D '67.

551 7(477.88)—Transcarpathia

Middle and Upper Pliocene of the Transcarpathian Trough.
E. M. Velikovskaya, N. O. Rybakova. Dokl. AN
SSSR 176 no. 1 155-158 S-O '67.

551 7(479.22)—Georgian S. S. R.

Paleontological data on Quaternary flora of western Georgia.
I. I. Statilova. Dokl. AN SSSR no. 2 417-420 S '67.
Stratigraphy of Sarmatian sediments of western Guria.
I. I. Zisakadze, Izv. Geol. ob-va Gruz. 5 no. 2:3-9
'67.

551 7(481)—Norway

Pleistocene of western Spitsbergen. I. U. Lavruhin,
Dokl. AN SSSR 176 no. 1 167-170 S-O '67.

551 7(519.3)—Mongolian People's Republic

New materials on the Cenozoic stratigraphy and fauna of
western Mongolia. E. V. Deviatkin, I. G. Liskun. Dokl.
AN SSSR 176 no. 1 159-162 S-O '67.

551 7(571.53)—Irkutsk Province

Causes of anomalously high reservoir pressure in the oil
pools of the Osa horizon in the Markovskoye field.
I. I. Mar'chenko, V. G. Postnikov. Neftegaz, geol. i geo-
fiz. no. 10:10-12 '67.

551 7(571.56)—Yakut S. S. R.

Results of the paleogeographic study of the section of
Mamontova Mountain. A. K. Agadzhanian and others.
Vest. Mosk. un. Ser. 5 Geog. 22 no. 6 86-89 N-D '67.

551 7(571.6)—Soviet Far East

Outcrops of Tertiary and Quaternary deposits on the
continental slope of the Bering Sea. B. N. Kotenev,
O. M. Petrov. Vest. Mosk. un. Ser. 5 Geog. 22 no. 4
113-114 N-Ag '67.

551 7(571.64)—Sakhalin Province

Some regularities of changes in the area of principal pro-
ductive beds of the Okobok series. M. A. Zubova,
I. U. G. Zorina, G. S. Gurevich. Neftegaz, geol. i geo-
fiz. no. 10:12-15 '67.

551 7(571.66)—Kamchatka Province

First data on the stratigraphy of Kamchatka's Paleolithic
period. N. A. Shilo, N. N. Dikov, A. V. Dozhkin. Trudy
SVKNII no. 17 32-41 '67.

551 7(574)—Kazakh S. S. R.

Middle Paleozoic stratigraphy of the Mugodzhhar Hills.
A. A. Abdulin. Izv. AN Kazakh SSR, Ser. geol. 24 no. 6
3-17 N-D '67.

551 7(575.4)—Turkmen S. S. R.

Albian sediments of the Central, Gyzaur, Eastern
Kopet-Dag and mountainous Badkhyz. S. Kh. Urmanova,
M. Sh. Tashtev. Izv. AN Turk. SSR, Ser. fiz.-tekhn.
Khim. i geol. nauk no. 5:117-124 '67.

Possible oil occurrences in the offshore areas of the Che-
loken region. V. V. Krugliakov. Neftegaz, geol. i geo-
fiz. no. 10:28-31 '67.

551 7(66)—West and North Central Africa

Geochronology of West Africa and northwestern Brazil.
A. I. Tugarinov. Geokhimiya no. 11:1336-1348 N '67.

551 7(7)—North America

Some data on oil and gas potentials of the Lower Paleo-
zoic sediments of the North American Platform. A. S.
Kuznetsov. Neftegaz, geol. i geo-
fiz. no. 10:34-37 '67.

551 7(6)—South America

Geochronology of West Africa and northwestern Brazil.
A. I. Tugarinov. Geokhimiya no. 11:1336-1348 N '67.

551 8 PALEOGEOGRAPHY

Reconstruction of Early Jurassic accumulative plates
based on findings of diamonds in a recent diamond
system. L. N. Zverev. Sov. geol. 10 no. 12 117-121
D '67.

551 8(262.5)—Black Sea

Geotectonic characteristics of the northwestern part of
the Black Sea in the Paleogene and Neogene. V. V.
Chekunov. Izv. vys. ucheb. zav. geol. i razv. 15
25-31 N '67.

552 PETROLOGY PETROGRAPHY

Behavior of copper in processes of the chemical evolu-
tion of magma differentiation. N. P. Smirnova, A. I.
Al'mukhammedov. Geokhimiya no. 12 1548-1557 D '67.
Characteristics of the study of the structure of
metamorphosed rock complexes. V. V. ...
10 no. 11:118-167 N '67.

Coal petrology: main trends in the U. S. S. R. and in
other countries. I. I. Ammosov. Khim. i tekhn. ugle-
pl. 10-30 S-O '67.

Coal resources in the U. S. S. R. I. M. Molehanov, V. P.
Nekipelov. Khim. i tekhn. uglepl. 10-30 S-O '67.

Comparative study of sedimentary rocks by the method of
bituminological and luminescent-petrographical
analysis. K. F. Rodionova, P. I. Okun'eva. Geol. i razv.
11 no. 12:37-41 D '67.

Effect of the enrichment by the carbon isotope of
methane in the process of its filtration in rocks. A. S.
Galimov. Geokhimiya no. 12 1501-1505 D '67.

Flame photometric method of determining the content of
sodium and potassium in the ash of solid fuels. I. I.
Sergeeva. Khim. i tekhn. uglepl. 10-30 S-O '67.

Garnet-pyroxene equilibrium and oxygen fugacity of
eclogites. L. I. Prichuk. Izv. AN SSSR Ser. geol.
no. 11 41-46 N '67.

History of the development of the Crimean Peninsula in
the Late Paleocene in connection with prospects for
finding oil and gas. V. E. Zhelezniak. Izv. vys. ucheb.
zav. geol. i razv. 9 no. 12:16-25 D '66.

Investigating regularities of the distribution of rare
earth, minor, and nonferrous metals in rocks. V. A.
Ratynskii, S. V. Gushakov. Khim. i tekhn. uglepl. 10-30
S-O '67.

Luchitskii, I. V., V. I. Gromin, and G. D. Ushakov. [Re-
sults of the deformation of rocks at high pressures
and temperatures]. Eksperimenty po deformatsii k-
nykh porod v obstanovke vysokikh davlenii i temperatur.
Novosibirsk, Nauka, 1967. 72 p.

On the potential of volcanic formations. V. N. Kozlov.
Sov. geol. 10 no. 11 104-111 N '67.

Particularities of boron distribution in the Turalian rocks
of Angara-Chulym Trough depending on paleogeographic
conditions of sediments and heat accumulation. I. P.
Timofeev and others. Khim. i tekhn. uglepl. 10-30
S-O '67.

Pillow and almond-shaped textures of lavas as a
criterion of the interpretation of the structure of
greenstone rocks. B. I. Khvostukov, A. S. Pashchenko.
Trudy Inst. geol. nauk AN Kazakh SSR 24 78-82 '67.

[Problems of igneous activity and metamorphism].
Voprosy magmatizma i metamorfizma. [Leningrad]
Izd-vo Leningr. univ.
Vol. 2, 1964. 270 p.

Some results and problems of the study of clay minerals.
F. V. Chukhrov. Sov. geol. 10 no. 12:94-106 D '67.

System for the isolation of inert gases from rocks and
minerals. M. I. Libman and others. Bul. Kazakh
opi. abs. vozi. geol. form. no. 8:54-56 '67.

Temperatures of melting ultrabasic and metamorphic
ultrabasic meltings. A. T. Bazilevskii, A. V. Ushakov.
Geokhimiya no. 12 1500-1503 D '67.

Use of coal petrography for the evaluation of lignites as
a possible raw material in the cellulose-paper industry.
N. G. Zhelezniak. Izv. vys. ucheb. zav. geol. i razv. 13
no. 11:51-55 N '67.

Using the method of electron paramagnetic resonance
in studying coals and processes of their thermal treat-
ment. I. U. B. Titunnikov, L. G. Sitakov, I. S.
Romodanov. Khim. i tekhn. uglepl. 10-30 S-O '67.

552(234)—Mountains of Europe

Ancient formation of plerite porphyrites in the western
slopes of the Ural. N. P. Starkov. Dokl. AN SSSR
177 no. 1 189-192 N-D '67.

Metamorphism of Paleozoic volcanic formations of the
western greenstone zone of the Mugodzhhar Hills. N. S.
Iaroslavtseva and others. Trudy Inst. geol. nauk AN
Kazakh SSR 24:114-125 '67.

Subvolcanic bodies of acid composition and chalcophylite
mineralization in the southern part of the Western
Mugodzhhar Hills. I. U. S. Belitskii. Trudy Inst. geol.
nauk AN Kazakh SSR 24:141-147 '67.

Tectonic conditions governing the formation of dikes in
the Middle Paleozoic of the Mugodzhhar Hills. A. A.
Abdulin. Trudy Inst. geol. nauk AN Kazakh SSR 24
45-46 '67.

- 552 (235)—Mountains of Asia
Bol'shetaginskii Massif of ultrabasic-aluminous rocks and carbonates, A. A. Frolov, I. U. A. Bagdasarov, Sov. geol., 10 no. 12 80-93 D '67.
Characteristics of the composition of intrusive complexes of ultrabasic and zonal of the upper mantle in the main anticlinorium of the Sikhote-Alin's Range, S. S. Zimin, Dokl. AN SSSR 177 no. 1:167-170 N-D '67.
Factors determining increased alkalinity of some magmatic formations in the Altai-Sayan region, V. V. Gruza, Dokl. AN SSSR 176 no. 2 126-131 S '67.
Petrochemical and geochemical characteristics of Devonian volcanic formations in the Itysh Valley of the Rudnyi Altai, V. S. Kuznetsov, V. D. Kaimakova, G. G. Stepanov, Trudy Inst. geol. nauk AN Kazakh SSR 24 90-100 '67.
Volcanic Tekell formations of the Dzungarian Alatau and their relations to complex metal mineralization, A. E. Slynin and others, Trudy Inst. geol. nauk AN Kazakh SSR 24 135-140 '67.
- 552(282 5)—Black Sea
Redistribution of arsenic in the formation of ferromanganese concretions in sediments of the Black Sea, V. F. Sevast'yanov, Dokl. AN SSSR 176 no. 1 191-193 S-O '67.
- 552(470)—European U.S.S.R.
Specific features of clay formations in the stage of kaogenesis and initial metamorphism as revealed by a study of Vendian and Riphean sediments of the Russian Platform, M. M. Veselovskaya, Dokl. AN SSSR 176 no. 1 189-190 S-O '67.
- 552(471 21)—Murmansk Province
Basic features of the geochemistry of nepheline syenites of the Kola Peninsula, V. I. Gerasimovskii, Geokhimiia no. 11:1320-1327 N '67.
- 552(471 22)—Karelian A.S.S.R.
Volcanic apparatus of the Tatalian volcanic complex of central Karelia, A. P. Svetov, A. I. Golubev, Dokl. AN SSSR 177 no. 1:171-174 N-D '67.
- 552(471 51)—Sverdlovsk Province
Varjakov, A. S. [Metamorphism in connection with diabases in the region of the Bakal ore zone] Metamorfizm v svyazi s diabazami v raione Bakal'skogo rudnogo polia, Moskva, Nedra, 1967 141 p.
- 552(471 8)—North Caucasus
Lower and Middle Miocene in central Ciscaucasia, V. S. Eremenko, Trudy VNIIGaz no. 27/35 125-149 '67.
- 552(471 67)—Daghestan A.S.S.R.
Thermal flow and the radiogenic heat generation in Epilithic structures of Daghestan, A. S. Dzhamalova, Dokl. AN SSSR 176 no. 1:76-79 S-O '67.
- 552(477)—Ukrainian S.S.R.
Lithology of Upper Cretaceous rocks of the Alma and Dnestr basins in the Crimea, Sh. M. Maivandi, Vest. LGU 22 no. 24 88-92 D '67.
Terrigenous mineralogical provinces of Neogene sediments in the Black Sea Depression, A. P. Agulov, Izv. vys. ucheb. zav., geol. i razv., 10 no. 11:44-50 N '67.
- 552(479)—Caucasus and Transcaucasia
Geochemical stages of diagenesis, as revealed by a study made in Middle Jurassic sediments of the Greater Caucasus, I. U. P. Gaiin, Geokhimiia no. 12:1468-1481 D '67.
Relationship between sedimentary and hydrothermal processes in the formation of sulfide ores in Jurassic flyschoids of the Greater Caucasus, V. I. Smirnov, Dokl. AN SSSR 177 no. 1:179-181 N-D '67.
- 552(479.22)—Georgian S.S.R.
Genesis of crystalline schists containing albite in the upper Rioni Valley, Sh. I. Dzhavakishvili, Izv. Geol. ob-va 5 no. 2:23-27 '67.
Lithology of Cretaceous sediments in the southern periphery of the Dzirula Range, T. M. Shatirishvili, Izv. Geol. ob-va Gruz., 5 no. 2 44-47 '67.
- 552(479.24)—Azerbaijan S.S.R.
Development of sedimentology in Azerbaijan, A. D. Sultanov, Izv. AN SSSR, Ser. geol., no. 11:182-189 N '67.
- 552(51)—China
Basic characteristics of the volcanism of the Kalkan Mountains of southwestern Dzungaria, K. N. Tkachenko, A. P. Ponomareva, Trudy Inst. geol. nauk AN Kazakh SSR 24 83-89 '67.
Complex dikes of southwestern Dzungaria, M. R. Borukayeva, K. A. Azbel', Trudy Inst. geol. nauk AN Kazakh SSR 24 38-44 '67.
- 552(571)—Asiatic R.S.F.S.R.
Characteristics of the geological position and age of nickel-bearing diorite-trondolite intrusives of the Stanovoy Range, S. A. Shcheka and others, Sov. geol., 10 no. 12:124-127 D '67.
- 552(571.56)—Yakut A.S.S.R.
Accessories and chemical composition of Rhiphan and Vendian carbonate rocks on the eastern slope of the Aldan Shield, N. N. Gavril'ev, Dokl. AN SSSR 176 no. 2 421-423 S '67.
Impurity minerals in coals of the Yakutskskoye deposit (southern Yakutia), V. K. Pisanishnikov, E. I. Stefanova, Izv. vys. ucheb. zav., geol. i razv., 10 no. 11:56-60 N '67.
- 552(571 6)—Soviet Far East
Potassium-argon dating of preore and postore dikes of the Yana-Kolyma ore-bearing belt, L. V. Firsov, Izv. AN SSSR, Ser. geol., no. 11:204-208 N '67.
- 552(574)—Kazakh S.S.R.
Ancient comagmatic and volcano-plutonic formations of the northern part of central Kazakhstan, R. A. Borukayev, E. E. Miller, Trudy Inst. geol. nauk AN Kazakh SSR 24 3-10 '67.
Basic characteristics of the geology and ore potential of some Hercynian volcanic massifs, A. A. Gallapin, T. A. Mimenko, Trudy Inst. geol. nauk AN Kazakh SSR 24 101-113 '67.
Devonian ignimbrite of the northwestern part of the Lake Balkhash region, V. M. Shuzhanov, Trudy Inst. geol. nauk AN Kazakh SSR 21 68-77 '67.
Different genesis of secondary quartzites in the northern part of Lake Balkhash region, D. Kh. Khafutdinov, Izv. AN Kazakh SSR, Ser. geol., 24 no. 6:74-78 N-D '67.
Siliceous-spillite formation of the Tekturmas anticlinorium, V. S. Zvonov, Trudy Inst. geol. nauk AN Kazakh SSR 24 11-25 '67.
Volcanic-glass rocks of Kazakhstan, their characteristics and ways of utilization, I. I. Bok, Trudy Inst. geol. nauk AN Kazakh SSR 24 47-67 '67.
Volcanic glasses in Jurassic sediments of the southern part of the Mangyshlak Peninsula, S. A. Aktanova, Izv. AN Kazakh SSR, Ser. geol., 24 no. 6:63-64 N-D '67.
Western Uluat belt of ultrabasic and basic rocks, I. I. Vishnevskaya, I. F. Trusova, Izv. vys. ucheb. zav., geol. i razv., 10 no. 11:32-43 N '67.
- 552(575)—Central Asia
Temperature conditions governing the crystallization of fergusonite-porphyrus in the Eastern Pamirs, T. I. U. Bazarova, E. A. Dmitriev, Dokl. AN SSSR 177 no. 1:105-108 N-D '67.
- 552(575.3)—Tajik S.S.R.
Comparison of cross sections according to curves of carbonate content, L. I. A. Shvarts, V. M. Stashkov, D. Taahmatova, Dokl. AN Tadzh. SSR 10 no. 9:42-45 '67.
- 553 ECONOMIC GEOLOGY MINERALS. ORES
Achievements in the geological study of rare metal deposits, A. I. Ginzburg, Razved. i okh. nedr., 33 nos. 10/11 75-81 O-N '67.
Balancing the depletion and losses, I. U. F. Perov, Shor. VNIIM no. 82:99-100 '66.
Building underground storage reservoirs of liquid hydrocarbons in salt deposits containing a layer of insoluble rocks, G. V. Belotserkovskaya, E. A. Belotserkovskii, Neft. khoz., 45 no. 12:46-48 D '67.
Coal resources in the U.S.S.R., I. M. Molchanov, V. E. Nekipelov, Khim. i tekhn. topl., no. 5:7-17 S-O '67.
Conditions governing the localization of hydrothermal uranium mineralization in stratified formations of the upper structural level, F. I. Vol'fon and others, Izv. AN SSSR, Ser. geol., no. 11:114-134 N '67.
Creation of a mineral raw materials supply center for the aluminum industry, M. S. Sosnikova, Razved. i okh. nedr., 33 nos. 10/11 42-47 O-N '67.
Determining the carrying capacity of interchamber pillars in ore deposits, S. A. Batugin, Shor. VNIIM no. 62:160-168 '66.
Developments in the techniques and technology of exploratory boring for solid minerals, E. S. Babnov and others, Razved. i okh. nedr., 33 nos. 10/11 109-116 O-N '67.
Discovery of a diamond-bearing province in the U.S.S.R., E. P. Oreshnikova, B. P. Prokopchuk, V. S. Trofimov, Razved. i okh. nedr., 33 nos. 10/11 82-88 O-N '67.
Dzhur, Bella. [From the foot to the top of a mountain] Ot podnozh'ia do vershiny. Moskva, Detskai lit-ra, 1967. 62 p.
Emel'yanov, A. V., V. S. Plovko, and V. P. Bagrov. [Efficiency of dressing iron quartzites] Effektivnost' obogashcheniya zhelezistykh kvartsitov. Dnepropetrovsk, Promin', 1967 49 p.
Expanded resources of the lead-zinc industry, D. I. Gorzhenskii, T. K. Pavlenko, Razved. i okh. nedr., 33 nos. 10/11 63-67 O-N '67.
Expanding the availability of raw materials for the industry of nonmetallic minerals, A. S. Zverev, M. B. Grigorovich, Razved. i okh. nedr., 33 nos. 10/11 89-94 O-N '67.
Geological and geochemical types of tin ore formations of mobile belts and areas of the tectonic and magmatic activity, M. I. Ratskon, Sov. geol., 10 no. 11:92-103 N '67.
- Highly metamorphized anthracite seams with no methane content, I. M. Pechuk, Ugol' Ukr., 11 no. 6:50-51 Je '67.
Investigating regularities of the distribution of rare earth, minor and nonferrous metals in coals, V. M. Raynskiy, S. V. Glushnev, Khim. i tekhn. topl., no. 5 47-53 S-O '67.
Kovalenko, V. I., S. A. Tikhonov, and I. U. A. Zvonov. [Nonmetallic mineral dressing] Obogashchenie nemetallicheskiy poleznykh iskopayemykh. Moskva, Nedra, 1967 245 p.
Magmatic permeability and energy nature of "mobility" of the zones of deep faults, E. I. Patalaia, Sov. geol., 10 no. 11 124-133 N '67.
Magmatic process of crystallization in the light of crystallochemistry and geothermics, V. I. Lebedev, Izv. AN SSSR, Ser. geol., no. 11 87-97 N '67.
Magnetizing roasting of chromite ores in enlarged units, N. V. Fedorenko, G. K. Ivanova, Teor. i prikl. met. no. 8 3-9 '66.
Methods of calculating and establishing norms for reasonable degree of ore losses and their depletion in the massifs, A. N. Ornel'shenko, M. I. Gikizer, M. D. Ontshchenko, Shor. VNIIM no. 62 3-92 '66.
Obtaining an alkaline fluxed sinter from aluminous limonites, O. A. Arkhipov, N. G. Moleva, Trudy Inst. met., no. 13 81-85 '66.
Ore potential of volcanic formations, V. N. Kotliar, Sov. geol., 10 no. 11 101-111 N '67.
Photometric determination of zirconium in ores, M. Aldurakhmanov, R. Kh. Dzhuhaeva, Sh. T. Talipov, Trudy Tash GU no. 280:93-86 '67.
Pillow and almond-shaped textures of lavas as a criterion of the interpretation of the structure of greenstone rocks, B. L. Khozhatelev, A. S. Aramolenko, Trudy Inst. geol. nauk AN Kazakh SSR 24 78-82 '67.
Preparing a raw materials supply center for the nickel industry and geological problems connected with it, M. N. Godelvskii, Razved. i okh. nedr., 33 nos. 10/11 48-54 O-N '67.
Principal steps in the creation of a raw materials supply center for the mercury-antimony industry, V. F. Fedotichuk, A. M. Filin, Razved. i okh. nedr., 33 nos. 10/11 55-62 O-N '67.
Prospecting for copper deposits, G. G. Gudalin, Razved. i okh. nedr., 33 nos. 10/11 32-35 O-N '67.
Provisional prices for iron ore products and their utilization for the comparative estimation of deposits, V. G. Bushinskii, Izv. vys. ucheb. zav., geol. i razv., 10 no. 11:125-130 N '67.
Removal of sulfur in the direct production of iron from pyrite, G. B. Shakhmatkinskii, E. T. Azizov, Azot, Khim. zhuk., no. 1 31-38 '67.
Search and prospecting for gold deposits, G. P. Bolarovich and others, Razved. i okh. nedr., 33 nos. 10/11 68-74 O-N '67.
Self-cleaning aggregates and cleaning sheath in metamorphism, I. F. Romanovich, Izv. vys. ucheb. zav., geol. i razv., 9 no. 12:125-129 D '66.
Some problems in taking into account the state and prospects of the change of all-Union resources as revealed by a study made of iron ores, V. G. Bushinskii, Izv. vys. ucheb. zav., geol. i razv., 9 no. 12:116-124 D '66.
Soviet geophysical prospecting, A. I. Dikov, Sov. geol., 10 no. 10 15-29 N '67.
Spectrophotographic determination of rhenium in molybdenites, I. N. Vitushkina, E. E. Paim, Izv. AN Kazakh SSR, Ser. geol., 24 no. 6:82-86 N-D '67.
Standard technological condition of kaolin, M. S. Kom'ka, P. L. Naibias, Leh. prom., no. 5:26-28 S-O '66.
Steel casting under a layer of mica, D. I. Kuznetsov and others, Teor. i prikl. met., no. 8 55-58 '66.
Theory of the sedimentary-migrational origin of petroleum, historical outline and present state, N. B. Vassoevich, Izv. AN SSSR, Ser. geol., no. 11:135-158 N '67.
- 553(234)—Mountains of Europe
[Materials on the geology and minerals of the Urals] Materialy po voprosam geologii i poleznykh iskopayemykh Urals. Sverdlovsk, Sredne-Ural'skoe knizhnoe izd-vo, 1967. 50 p.
Nature of porphyry and fragmental rocks enclosing the Aleksandrinskoye copper pyrite deposit (Southern Urals), R. G. Iareva, Sov. geol., 10 no. 12:132-135 D '67.
New data on the connection of the Tien Shan with the Urals and problems of structural and metallogenic regionalization of Uzbekistan, V. G. Gar'kovets, Sov. geol., 10 no. 11:112-123 N '67.
Subvolcanic bodies of acid composition and chalcopyrite mineralization in the southern part of the Western Mugodzhai Hills, I. U. S. Belakli, Trudy Inst. geol. nauk AN Kazakh SSR 24:141-147 '67.
- 553(235)—Mountains of Asia
Basic features of the structure of the Ol'khovsko-Chibichko ore field (Eastern Sayan Mountains), A. P. D'achenko, Izv. vys. ucheb. zav., geol. i razv., 9 no. 12:44-50 D '66.
Distribution of gold ore deposits in the southwestern part of the Kalba Range, P. I. Poltorkhin, Izv. AN Kazakh SSR, Ser. geol., 24 no. 6:79-81 N-D '67.

- Volcanic Tektell formations of the Dzungarian Alatau and their relations to complex metal mineralization A. F. Sivgin and others. Trudy Inst. geol. nauk AN Kazakh SSR 24:135-140 '67.
- 553(262 26)—African rivers
Phosphorite-bearing alluvium of the Nile Valley. I. S. Chumakov. Dokl. AN SSSR 176 no. 2 413-416 S '67.
- 553(470)—European U.S.S.R.
Distribution of phosphorites in the Yegort'yevsk deposit region M. Kh. Makhtina. Izv. vys. ucheb. zav. geol. i razv. 9 no. 12 61-65 D '66.
- 553(471 12)—Vologda Province
Hydrogen sulfide waters of the Kologda-Sudja interfluvium in Vologda Province IU. V. Nikolayev. Izv. vys. ucheb. zav. geol. i razv. 9 no. 12 80-83 D '66.
- 553(471 55)—Chelyabinsk Province
Using prepared Bakal deposit siderites in blast furnace smelting G. P. Viatkin and others. Teor. i prak. met. no. 8 10-19 '66.
- 553(477)—Ukrainian S.S.R.
Achievements in the study of the geology and mineral resources of the Ukraine. V. S. Popov. Sov. geol. 10 no. 12:3-12 D '67.
- Oil shales of the Boltyshka deposit of the Ukraine V. V. Bogdanov, A. I. Ginzburg. Khim. i toel. topl. no. 5 128-135 S-O '67.
- 553(479)—Caucasus and Transcaucasia
Composition and conditions governing the localization of molybdenum sulfide ores in the northern section of the Tyrnauz deposit (Northern Caucasus) V. V. Veslov. Izv. vys. ucheb. zav. geol. i razv. 10 no. 11 61-67 N '67.
- 553(479 22)—Georgian S.S.R.
Nazarov, IU. L. [Characteristics of the forming of deposits of copper pyrite formations of southern Georgia] Osobennosti formirovaniya i prognoz glubinykh (skrytykh) mestorozhdeniy mednokolechadannoi formatsii Iuzhnoi Gruzii. Moskva, Nedra, 1966. 227 p.
- 553(479 25)—Armenian S.S.R.
Andalusite and sillimanite of the Kondokh deposit (northern Armenia) I. P. Ratman. Vest. LGU 22 no. 24 60-67 D '67.
- 553(574)—Kazakh S.S.R.
Basic characteristics of the geology and ore potential of some Hercynian volcanic massifs. A. A. Galkin, T. A. Milenko. Trudy Inst. geol. nauk AN Kazakh SSR 24:101-113 '67.
- Geology and genesis of the Semizbugu andalusite-cordierite deposit, T. A. Rumyantseva. Izv. AN Kazakh SSR Ser. geol. 24 no. 6:36-49 N-D '67.
- Metallogenic zones of Kazakhstan. Sh. B. Esenov, D. S. Kunayev. Vest. AN Kazakh SSR 23 no. 7:21-28 JI '67.
- Morphology of the Sarbay ore deposit. N. V. Ivanov and others. Izv. vys. ucheb. zav. geol. i razv. 10 no. 11: 71-76 N '67.
- Perlite is a building material. S. Masluk. Nar. khoz. Kazakh. 25 no. 12 53-55 D '67.
- Possible evaluation of the ore potential of the main structures of the northwestern region of the Lake Balkhash region. E. V. Puchkov. Trudy Inst. geol. nauk AN Kazakh SSR 24:126-134 '67.
- Processes of metasomatic mineralization in iron deposits of the Turgay Trough. A. E. Bekmukhometov. Izv. AN Kazakh SSR, Ser. geol. 24 no. 6:50-60 N-D '67.
- There is a raw material base, but it has to be developed. N. Perfilov, N. Nakhov. Nar. khoz. Kazakh. 25 no. 12 72-73 D '67.
- Vitrophyres of Kazakhstan, a raw material for obtaining a high-quality chemically stable glass. S. T. Suleime-nov, M. Sh. Shrafiev, T. A. Abdullayev. Trudy Inst. geol. nauk AN Kazakh SSR 24:158-159 '67.
- 553(575 1)—Uzbek S.S.R.
New data on the connection of the Tien Shan with the Urals and problems of structural and metallogenic regionalization of Uzbekistan. Sov. geol. 10 no. 11 112-123 N '67.
553. 2(575)—Central Asia
Lime skarns of the Western Karamazar Mountains, some remarks on V. A. Zharik's book "Geology and metasomatic phenomena of skarn-complex metal deposits of the Western Karamazar Mountains." A. I. Srobit'skii. Vest. LGU 22 no. 24:50-59 D '67.
553. 9 **CARBONACEOUS MINERAL DEPOSITS**
Analyzing the method for degassing samples of formation water by means of the device of L. I. TSiss. A. A. Khimenko. Trudy VNIIGaz no. 27/35:331-335 '67.
- Causes of anomalously high reservoir pressure in the oil pools of the Osa horizon in the Markovskoye field. IU. I. Mar'enko, V. G. Poshnikov. Neftegaz. geol. i geofiz. no. 10:10-12 '67.
- Control of the international petroleum cartel over the concessions and resources of petroleum in the capitalistic world. A. I. Bozhedennov. Nefl. khoz. 45 no. 12:54-56 D '67.
- Controlling the quality of measurements in a high-precision radiometric survey. B. L. Gol'shteyn, IU. S. Mamontov, V. G. Khubutdinov. Neftegaz. geol. i geofiz. no. 10:16-18 '67.
- Evaluating the present status of oil reserves of higher categories. M. F. Mikhlin, M. V. Feigin. Geol. nefl. i gaza 11 no. 11:34-38 N '67.
- Gas industry, a creation of the October Revolution. V. G. Vasil'ev. Geol. nefl. i gaza 11 no. 12:1-8 D '67.
- Geophysical prospecting for oil and gas in the U.S.S.R. during the 50 years of Soviet rule. A. I. Bogdanov, M. K. Polshkov, V. V. Fedynskiy. Geol. nefl. i gaza 11 no. 11:11-17 N '67.
- Hydrochemical strata in the Caspian Sea region as a cap rock of oil and gas fields and the possibility of oil and gas migration through them. S. S. Korobov, G. N. Krichchanski, T. I. Khennin. Trudy VNIIGaz no. 27/35:121-124 '67.
- Hydrochemistry of formation waters of Lower Cretaceous sediments in the Caspian Lowland in connection with evaluating prospects for gas and oil occurrences. L. M. Zoi'kin, V. G. Kozlov, G. A. Iudin. Trudy VNIIGaz no. 27/35:258-262 '67.
- Methodology of calculating reservoir pressures: as exemplified by the oil fields of Western Siberia. V. K. Fedotasev, V. P. Dikhanov. Neftegaz. geol. i geofiz. no. 10:24-27 '67.
- Petroleum and gas resources, the foundation for further development of the petroleum and gas production industries of the U.S.S.R. N. J. Bulalov. Neftegaz. geol. i geofiz. 11:9-16 '67.
- Physical and chemical properties of petroleum as factors in the formation of oil and gas pools. S. F. Fedotov, N. P. Egorova. Geol. nefl. i gaza 11 no. 11 46-49 N '67.
- Possibilities of using underground nuclear explosions for increasing gas and oil recovery of fields and intensifying their development. O. L. Kedrovskii, K. I. Mangushev. Geol. nefl. i gaza 11 no. 12:12-16 D '67.
- Possible oil occurrences in the offshore areas of the Chelken region V. V. Krugliakov. Neftegaz. geol. i geofiz. no. 10:28-31 '67.
- Present status of the methods for geophysical studies of oil and gas wells and prospects for their development. N. A. Per'kov. Neftegaz. geol. i geofiz. 11:48-51 '67.
- Problem of the genesis of gaseous hydrocarbons: on the occasion of the article of V. A. Sokolov "Formation of gaseous hydrocarbons in recent sediments" V. V. Vobor. Geol. nefl. i gaza 11 no. 11 64-67 N '67.
- Problems of exploration of oil and gas fields on the Seventh World Petroleum Congress (Mexico, April 1967). A. A. Bakirov and others. Geol. nefl. i gaza 11 no. 11 58-64 N '67.
- Progress in the petroleum production industry during the 50 years of Soviet rule. R. Sh. Mingareev. Maah i nefl. khoz. no. 11:3-8 '67.
- Progress in the petroleum production industry during the 50 years of Soviet rule. R. Sh. Mingareev. Neftegaz. geol. i geofiz. 11:3-8 '67.
- Results of using the correlation method of inverse probabilities for a more exact representation of the minimum amplitude of self-potential anomalies in permeable sandy clay formations. IU. G. Epifanov, V. D. Sharovarin, L. R. Romanova. Neftegaz. geol. i geofiz. no. 10: 10-22 '67.
- Rewards to the worthy ones. Geol. nefl. i gaza 11 no. 11:9-10 N '67.
- Role of hydrovolcanism in the formation and disintegration of oil and gas pools. P. P. Ivanochuk. Trudy VNIIGaz no. 27/35:268-281 '67.
- Science and the development of the petroleum and gas production industries in the U.S.S.R. A. A. Proffimuk. Geol. nefl. i gaza 11 no. 11:1-8 N '67.
- Scientific seminar on the Permian and Triassic in the southeastern part of the Russian Platform. IU. Vasil'ev, M. Charygin, A. Dmitrievskii. Geol. nefl. i gaza 11 no. 12:54-55 D '67.
- Shoe-string oil pools in Western Siberia. IU. N. Karogodin. Neftegaz. geol. i geofiz. no. 10:6-10 '67.
- Solving the problem of the development of a group of gas condensate fields confined to a single water drive system using an electric model without capacitances. V. I. A. Lladkin. Geol. nefl. i gaza 11 no. 12:16-22 D '67.
- Some data on oil and gas potentials of the Lower Paleozoic sediments of the North American Platform. A. S. Kuznetsov. Neftegaz. geol. i geofiz. no. 10:34-37 '67.
- Some experimental data on the transformation of organic matter of biogenic muds into hydrocarbons. V. M. Senukov, N. N. Taldykina. Trudy VNIIGaz no. 27/35: 318-325 '67.
- Some geochemical features of gas condensate pools in connection with the studies of migration processes. V. A. Chakhmachev. Neftegaz. geol. i geofiz. no. 10: 31-33 '67.
- Some regularities of changes in the area of principal productive beds of Oktyay series. M. A. Zubova, IU. G. Zorina, G. S. Gurevich. Neftegaz. geol. i geofiz. no. 10:12-15 '67.
- Proteev, V. G. Vasil'ev, B. S. Vorob'ev. Geol. nefl. i gaza 11 no. 12 8-12 D '67.
- 553 9(470)—European U.S.S.R.
Evaluating the gas-producing capacity of sedimentary formations: as exemplified by the Mesozoic and Cenozoic of the Volga-Ural interfluvium and the Jurassic and Lower Cretaceous of the Ryazan-Saratov Trough. L. V. Tokarev, A. F. Turykin. Trudy VNIIGaz no. 27/35:282-308 '67.
- Gas saturation of formation waters in the terrigenous Devonian in the southeastern part of the Russian Platform. L. M. Zoi'kin and others. Trudy VNIIGaz no. 27/35:236-247 '67.
- Hydrochemical characteristics of formation waters in terrigenous sediments of the Middle Carboniferous in the southeastern part of the Russian Platform in connection with their oil and gas potentials. V. L. Vinogradov, L. M. Zoi'kin, E. V. Stadin. Trudy VNIIGaz no. 27/35:248-267 '67.
- 553 9(471)—Russian Soviet Federated Socialist Republic (R.S.F.S.R.)
Productive strata in Paleozoic sediments in the part of the Ural-Volga oil- and gas-bearing region. N. D. Kovan'ko, T. S. Khristoforova. Trudy VNIIGaz no. 27/35:107-120 '67.
- 553 9(471 1)—Northern R.S.F.S.R.
Prospects for the development of gas and petroleum production in the northern area of the European part of the U.S.S.R. G. L. Gorbenko, S. I. Elvovnikov, M. S. Model'veskii. Trudy VNIIGaz no. 27/35:71-80 '67.
- 553 9(471.13)—Komi A.S.S.R.
Petroleum and gas industries of the Ukhia region on the eve of the 50th anniversary of the Great October Revolution. A. A. Kiems, B. A. Vasserman, M. Sh. Model'skii. Neftegaz. geol. i geofiz. 11:21-25 '67.
- 553 9(471.43)—Kuybyshev Province
Formation of the composition of gas pools in the Kalinka series of the Upper Permian in Kuybyshev and Orenburg Provinces. A. N. Voronov. Geol. nefl. i gaza 11 no. 12:34-37 D '67.
- 553 9(471.45)—Volgograd Province
Present status and prospects for further development of oil and gas prospecting operations in Volgograd Province. A. I. TSaturov, I. M. Shakhnovskii. Geol. nefl. i gaza 11 no. 11:25-26 N '67.
- Prospecting and development operations in the Kuybyshev oil and gas condensate field (Volgograd Province). G. G. Gabil'dulin and others. Geol. nefl. i gaza 11 no. 11:53-58 N '67.
553. 9(471.5)—Ural regions
Structure and gas potentials of the northern part of the Ural Trough. S. I. Elvovnikov, P. A. Tumanov. Trudy VNIIGaz no. 27/35:63-70 '67.
553. 9(471.52)—Bashkir A.S.S.R.
Analyzing the transfer of the C2 category oil and gas reserves to commercial categories in Bashkiria. G. P. Ovanesov and others. Geol. nefl. i gaza 11 no. 11:39-42 N '67.
- Pages from the struggle for Devonian oil in West Bashkiria, on the occasion of the 50th anniversary of Soviet rule. M. V. Mal'tsev. Geol. nefl. i gaza 11 no. 12:12 D '67.
- 553 9(471 53)—Perm Province
Calculating predicted oil reserves by the volumetric-statistical method on the basis of regularities in the distribution of local uplifts by their areal dimensions as exemplified by Perm Province. I. S. Gutman, G. V. Busygina. Geol. nefl. i gaza 11 no. 11:42-45 '67.
553. 9(471 60)—Orenburg Province
Formation of the composition of gas pools in the Kalinka series of the Upper Permian in Kuybyshev and Orenburg Provinces. A. N. Voronov. Geol. nefl. i gaza 11 no. 12:34-37 D '67.
- Trends of further oil and gas prospecting operations in Orenburg Province. I. A. Shpil'man and others. Geol. nefl. i gaza 11 no. 11:20-25 N '67.
553. 9(471.6)—Northern Caucasus
Characteristics of gases and petroleum and regularities in their distribution and composition changes in eastern Ciscaucasia. A. V. Danov, A. I. Polivanova. Trudy VNIIGaz no. 27/35:3-30 '67.
- Synthesis of hydrocarbons of magnetic origin in geosynclinal regions as exemplified by the Northern Caucasus. V. S. Eremenko. Trudy VNIIGaz no. 27/35:309-317 '67.
553. 9(471.63)—Slavopoli Territory
Interchangeability of formation waters in the Khadum sediments of Stavropol Territory. A. A. Kilmenko, M. N. Mitin. Trudy VNIIGaz no. 27/35:328-339 '67.

- 553.9(479.24)—Azerbaijan S.S.R.
Geologic structure and development of the Kyrasayga field (Lower Kura Lowland). K.A. Ismailov, Sh.S. Koshari. Geol. nefiti i gaza 11 no. 12:22-26 D '67.
Principal results of oil and gas prospecting operations in the Azerbaijan S.S.R. V.S. Melik-Pashaev. Neftogaz, geol. i geofiz. 11:16-20 '67.
Reduction of alunite by converted natural gas of the Karadag field. G.B. Shakhmatkin, G.A. Aslanov, A.A. Musaev. Azerb. nefit khoz. 46 no. 6:49-42 Je '67.
Some characteristics of the composition of hydrocarbons in oil and gas pools in relation to geological conditions. F.G. Dadashov, D.N. Fridman. Geol. nefiti i gaza 11 no. 12:26-30 D '67.
- 553.9(571)—Asiatic R.S.F.S.R.
Geophysical characteristics of the productive horizons of the Markovskiy field. E.I. Bodunov, A.L. Bol'shakov, I.B. Kulibakina. Trudy VNIIGaz no. 27/35:92-106 '67.
Prospects for oil and gas occurrences in the Lena Valley-Venkoyansk Range region. V.M. Sentukov and others. Trudy VNIIGaz no. 27/35:42-62 '67.
Search and prospecting operations for oil and gas in Siberia during the 50 years of the Soviet rule. V.G. Vasiliev, Neftogaz, geol. i geofiz. 11:25-29 '67.
- 553.9(571.12)—Tyumen' Province
Conditions of the formation of productive beds in the Neocomian sediments of the Surgut Arch (West Siberian Plain). Neftogaz, geol. i geofiz. no. 10:3-8 '67.
Hummocky and hillocky peat bogs and frozen grounds in the central Lyapin Valley. G.P. Skrylnik, D.A. Timofeev. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 13:35-41 '66.
- 553.9(571.64)—Sakhalin Province
Characteristics of the distribution of oil and gas pools in the fields of Sakhalin. V.IA. Ratnei, IU.A. Tronov, O.O. Sheinemet. Neftogaz, geol. i geofiz. 11:38-45 '67.
- 553.9(574)—Kazakh S.S.R.
Basic characteristics of the geology of the Tenge deposit and its gas and oil potentials. S.E. Chakabaev and others. Izv. AN Kazakh. SSR, Ser. geol. 24 no. 6:10-36 N-D '67.
Basic trends of oil and gas prospecting operations in the Mangyshlak Peninsula. A.G. Durnishan, S.U. Utbaev. Neftogaz, geol. i geofiz. 11:30-38 '67.
Development of the petroleum and gas industries in the Kazakh S.S.R. during the 50 years of Soviet rule. P.N. Enikeev, IA.S. Eventov. Geol. nefiti i gaza 11 no. 11:17-20 N '67.
New data on the subsurface structure of southern Mangyshlak and trends in prospecting for oil and gas-bearing structures; based on results of regional work using the refraction correlation method. L.M. Korobkin, N.IA. Kumin, V.G. Matveev. Sov. geol. 10 no. 12:30-39 D '67.
Paleotectonic prerequisites of the prospects for oil and gas occurrences in the South Mangyshlak Trough. M.I. Taikhanov. Geol. nefiti i gaza 11 no. 12:36-31 D '67.
- 553.9(575.3)—Tajik S.S.R.
Formation of the Andigen field. R.IU. Mendliyan, IU.A. Iakovets. Dokl. AN Tadzh. SSR 10 no. 9:50-52 '67.
- 50(471.5)—Ural regions
Mollusks from Pleistocene formations in the Yayva Valley. L.L. Krylova. Uch. zap. Sver. gos. ped. inst. no. 34:104-117 '66.
- 50(479.22)—Georgian S.S.R.
Shatillova, I.I. [Palynological characteristics of Kuyalnik, Guria, and Chauda sediments of Guria] Palynologicheskaya kharakteristika kuyalnikskikh, guritskikh i chaudinskikh otlozhenii Gurii. Tbilisi, Metsnereba, 1967. 113 p.
- 50(479.24)—Azerbaijan S.S.R.
Distribution of mollusks on the islands of the Baku Archipelago in connection with the lowering of the level of the Caspian Sea. T.M. Gadzhiev. Azerb. nefit. khoz. 46 no. 6:7-8 Je '67.
- 50(574)—Kazakh S.S.R.
Stratigraphic position of fossil mammals in the Emba Valley. I.D. Tapalov. Vest. AN Kazakh. SSR 23 no. 7:60-65 J1 '67.
- 50(575)—Central Asia
Find of "gophered" pipes from Turkmenian sediments of the southeast of Central Asia. A. Ashurov. Dokl. AN Tadzh. SSR 10 no. 9:46-49 '67.
- 561 SYSTEMATIC PALEOBOTANY
The International Palynological Conference. R.IA. Abuzia-rova. Vest. AN Kazakh. SSR 23 no. 7:69 J1 '67.
Recent data on Konka flora and climate. G.S. Avakov. Dokl. AN SSSR 176 no. 2:395-398 S '67.
- 561(235)—Mountains of Asia
Jurassic flora of Darvaz and its stratigraphic significance. V.S. Luchnikov. Dokl. AN SSSR 176 no. 2:406-408 S '67.
- 561(479.24)—Azerbaijan S.S.R.
Discovery of the Khazarian flora in eastern Azerbaijan. T.A. Abiamova. Vest. Mosk. un. Ser. 5 Geog. 22 no. 4:111-113 J1-Ag '67.
- 561(571)—Asiatic R.S.F.S.R.
Materials on Early Cretaceous flora in the Lena basin. N.D. Vasilevskaya, L.N. Abramova. Uch. zap. NIIGA. Paleont. i biost. no. 16:73-96 '66.
- 561(571.66)—Kamchatka Province
First data on the stratigraphy of Kamchatka's Paleolithic period. N.A. Shilo, N.N. Dikov, A.V. Doshkin. Trudy SVKNII no. 17:32-41 '67.
- 561(574)—Kazakh S.S.R.
Dzungarian paleofloristic region. K.Z. Sal'menova. Izv. AN Kazakh. SSR, Ser. geol. 24 no. 6:60-62 N-D '67.
- 562 SYSTEMATIC PALEOZOLOGY
Ancient Pogonophora. B.S. Sokolov. Dokl. AN SSSR 177 no. 1:201-204 N-D '67.
- 562(234)—Mountains of Europe
Family Raphiophoridae and Pterygomotopidae from Ordovician sediments of the northern Pay-Khoy and Vaygach Island. A.Z. Burskii. Uch. zap. NIIGA. Paleont. i biost. no. 16:8-21 '66.
- 562(471.11)—Archangel Province
Family Raphiophoridae and Pterygomotopidae from Ordovician sediments of the northern Pay-Khoy and Vaygach Island. A.Z. Burskii. Uch. zap. NIIGA. Paleont. i biost. no. 16:8-21 '66.
- 562(471.6)—Northern Caucasus
Microfaunological characteristics of the El'burgan series in connection with the problem of the boundary between the Danian stage and the Paleocene. Z.V. Golubeva. Trudy VNIIGaz no. 27/35:336-342 '67.
- 562(474)—Baltic Republics
Gailite, L.K., M.V. Rybnikova, and R. Zh. Ul'st. [Stratigraphy, fauna, and conditions governing the formation of Silurian rocks in the middle part of the Baltic region] Stratigrafiya, fauna i uslovia obrazovaniya silurskikh porod v srednei Pribaltiki. Riga, Zinatne, 1967. 301 p.
- 562(481)—Norway
Foraminifera complexes from Upper Paleozoic sediments of Spitsbergen. G.P. Sosipatrova. Dokl. AN SSSR 176 no. 1:182-185 S-O '67.
- 562(571)—Asiatic R.S.F.S.R.
[Mesozoic and Cenozoic Foraminifera of Western Siberia, the Taymyr, and the Far East] Foraminifery mezozoi i kainozoi Zapadnoi Sibiri, Taimyria i Dal'nego Vostoka. Moskva, Nauka, 1967. 110 p.
- 562(571.51)—Krasnoyarsk Territory
New species of Permian bivalve mollusks of the Noril'sk region. O.V. Lobanova. Uch. zap. NIIGA. Paleont. i biost. no. 16:64-72 '66.
- 562(571.6)—Soviet Far East
[Mesozoic and Cenozoic Foraminifera of Western Siberia, the Taymyr, and the Far East] Foraminifery mezozoi i kainozoi Zapadnoi Sibiri, Taimyria i Dal'nego Vostoka. Moskva, Nauka, 1967. 110 p.
- 562(58)—Arctic and North Polar regions
Early Devonian and Eifel tetradate corals of the Yuzhnyy Island of Novaya Zemlya (Vajneviskiy horizon). A.G. Kravtsov. Uch. zap. NIIGA. Paleont. i biost. no. 16:22-63 '66.
- 57 ANTHROPOLOGICAL AND BIOLOGICAL SCIENCES
Rokitskiy, P.F. [Biological statistics] Biologicheskaya statistika. Izd. 2., Ispr. Minsk, Vyssheshaya shkola, 1967. 326 p.
- 571 PREHISTORIC MAN (ARCHAEOLOGY)
A session devoted to the results of field archaeological and ethnographical studies in 1966. IA.S. Smirnova. Sov. etn. no. 5:169-172 S-O '67.
- 571(476)—White Russian S.S.R.
Eastern Slavs and their Baltic substratum. P.N. Tret'yakov. Sov. etn. no. 4:110-118 J1-Ag '67.
- 571(571.16)—Altai Territory
Petroglyphs of the Altai Mountain region. A.M. Marinin. Izv. Alt. otd. Geog. ob-va SSSR no. 6:89-95 '65.
- 571(571.6)—Soviet Far East
Ancient burial grounds on the shores of the Okhotsk Sea. A.V. Beliaeva. Trudy SVKNII no. 17:80-81 '67.
- 571(571.65)—Magadan Province
The Uelen burial ground in the light of data obtained during the excavations of 1956, 1958, and 1963. N.N. Dikov. Trudy SVKNII no. 17:45-79 '67.
- 571(571.66)—Kamchatka Province
Discovery of the Paleolithic period in Kamchatka and the problem of the early population of America. N.N. Dikov. Trudy SVKNII no. 17:16-31 '67.
- 571(7)—North America
Ancient cultural traditions in the American Arctic regions and their contacts with northeastern Siberia, based on the excavations of 1955-1964. N.A. Beregovaya. Trudy SVKNII no. 17:85-102 '67.
Discovery of the Paleolithic period in Kamchatka and the problem of the early population of America. N.N. Dikov. Trudy SVKNII no. 17:16-31 '67.
- 571(8)—South America
Ancient trans-Pacific contacts: a myth or reality? S.A. Arutunov. Sov. etn. no. 1:113-150 J1-Ag '67.
- 572 ANTHROPOLOGY (PHYSICAL) ETHNOLOGY
Anthropology at the Moscow University during 50 years of the Soviet rule. IA.IA. Roginskii. Vest. Mosk. un. Ser. Biol., pochv. 22 no. 6:140-49 N-D '67.
Human physiology in a hot climate. A.IU. Iunusov. Uzb. biol. zhur. 11 no. 5:28-36 '67.
Problems of the typology of common ethnic characteristics discussed in the works of Soviet scholars. N.N. Cheboksarov. Sov. etn. no. 4:1-109 J1-Ag '67.
Some problems relating to the ethnic development of the peoples of the U.S.S.R. I.S. Gurvich. Sov. etn. no. 5:32-77 S-O '67.
Study of the anthropological structure of the Soviet population during the last 50 years. V.P. Alekseev. Sov. etn. no. 5:25-41 S-O '67.
- 572(476)—White Russian S.S.R.
Eastern Slavs and their Baltic substratum. P.N. Tret'yakov. Sov. etn. no. 4:110-118 J1-Ag '67.
- 572(561)—Afghanistan
Anthropological studies in Afghanistan. G.T. Debets. Sov. etn. no. 4:75-83 J1-Ag '67.
- 572(8)—South America
Ancient trans-Pacific contacts: a myth or reality? S.A. Arutunov. Sov. etn. no. 4:143-150 J1-Ag '67.
- 574 GENERAL BIOLOGY
Anniversary session of Soviet hydrobiologists and ichthyologists. K.N. Nesis. Okeanologiya 7 no. 5:933-935 S-O '67.
Biology and plant breeding. N.I. Volodarskii. Sel'khoz. biol. 2 no. 5:840-847 '67.
Biology classes in rural schools. R.S. Mikhailova. Vech. sred. shkola. 10 no. 6:16-17 N-D '67.
Karuzina, I.P. [Biology] Biologiya. 3. Izd., perer. i dop. Moskva, Meditsina, 1967. 370 p.
October Revolution and the development of biology in our country. A.IA. Il'in. Biul. MOIP otd. biol. 72 no. 5:3-10 S-O '67.
On the 50th anniversary of Soviet experimental biology and medicine. Biul. eksp. biol. i med. 64 no. 11:3-13 N '67.
Out-of-class reading in biology. L.P. Solonitsyna. Vech. sred. shkola. 10 no. 6:18-19 N-D '67.
Present-day problems in the theory of evolution. S.S. Shvarts. Vop. filos. 21 no. 10:143-153 '67.
Questions of athletic education in geography and biology classes of secondary schools. V.G. Kalmykova. Uch. zap. Kal. gos. ped. inst. 50:36-46 '67.
Suggested planning in the course of biology for the 11th grades of evening (shift) schools of general education for the 1967-1968 school year; the 2nd half-year. N.D. Alekseeva, T.L. Kallistova. Vech. sred. shkola. 10 no. 6:15 N-D '67.
Supplements. Biul. MOIP. Otd. biol. 72 no. 5:151-156 S-O '67.
This is interesting. L.G. Lavinskii. Vech. sred. shkola. 10 no. 6:10-21 N-D '67.
Volkova, E.V., and others. [The role of dialectical categories in the study of biological phenomena] Rol' kategorii dialektiki v izuchении biologicheskikh yavlenii. Minsk, 1967. 248 p.

- ... after the Great October Revolution. M. V. Kuzon, Vest. Mosk. un. Ser. 6: Biol., pochv. 22 no. 6: 27-36 N-D '67.
- 576.3 CYTOLOGY
- ... activity of paraquats. U. K. Alekperov, A. I. Polomiets, V. K. Sherbakov. Dokl. AN SSSR 176 no. 1: 196-201 S-O '67.
- Changes in the diurnal rhythm of the mitotic activity of the epithelium of the canalicular contents in compensatory and regenerative hypertrophy of the kidney in rats. F. Kh. Sharipov. Biol. eksp. biol. i med. 64 no. 19: 66-69 O '67.
- Changes in the ultrastructure of nuclei of normal fibroblasts of mice induced by 7,12-dimethylbenzo-g-anthracene. I. U. S. Chentsov, L. V. Orshvskaya. Tsitologia 9 no. 9: 151-154 S '67.
- Characteristics of mitotic cycles at different stages of embryogenesis. A. K. Dondu. Tsitologia 9 no. 9: 1057-1071 S '67.
- Chromosomal aberrations and retardation of chromosomes in human cells in vivo and in vitro. N. P. Bolotov. Biol. eksp. biol. i med. 64 no. 10: 80-93 O '67.
- Comparison of the molecular composition of phosphatidylcholine and phosphatidylcholine. E. V. Diatlovskaya, V. I. Volkova, L. D. Bergel'son. Biokhimiya 32 no. 6: 1227-1233 N-D '67.
- Controlled changes in the physiological state of cellular membranes as one of the principles of influence on the course of a pathological process. A. M. Chornukh, I. S. Rukhova. Biol. eksp. biol. i med. 64 no. 10: 60-64 N '67.
- Cytophotometric study of DNA content in the cerebral cortex nerve cell nuclei in normal rats and following injection of RNA into the brain. K. I. U. Reznikov. Dokl. AN SSSR 176 no. 2: 449-451 S '67.
- Defective mutants of the sexual factor in the cells of Escherichia coli K-12. A. P. Pechkov, E. V. Iudin. Biol. eksp. biol. i med. 64 no. 10: 93-95 O '67.
- Dependence on the level of the mitotic activity of tumor cells on the periodical introduction of antineoplastic substances. S. V. Sukhorukikh. Biol. eksp. biol. i med. 64 no. 10: 75-78 O '67.
- Diurnal changes of the protein metabolism and mitotic activity of the cells in the adrenal cortex. A. I. Trupin. Biol. eksp. biol. i med. 64 no. 10: 83-85 O '67.
- Effect of 5-fluoro-2'-deoxyuridine and aminopterin on the mitotic cycle in Chinese hamster cell culture. L. I. Lomakina, M. V. Zhulina, L. G. Sagdeeva. Tsitologia 9 no. 9: 1155-1159 S '67.
- Effect of various types of ionizing radiation on yield of chromosomal aberrations in pea. Report No. 4. Relative biological effectiveness of fast neutrons and gamma rays Co⁶⁰. E. M. Akopian. Genetika no. 12: 58-60 D '67.
- Effect of X-ray contrast media on mast cells in white rats. P. V. Sergeev and others. Faunistika, 30 no. 6: 747-749 N-D '67.
- Electron microscopic study of oocytes of self-pollinated corn lines with different cytoplasm type. A. N. Palliova, N. V. Turbin, N. V. Atrashenko. Dokl. AN SSSR 176 no. 1: 202-204 S-O '67.
- Mathematical analysis of spatial distribution of the activity of cytochrome oxidase in an evoked and inhibited nerve cell. A. D. Kogan and others. Dokl. AN SSSR 177 no. 1: 206-207 N-D '67.
- Molecular organization of biological membranes. N. S. Gel'man. Usp. sov. biol. 64 no. 3: 379-398 N-D '67.
- Nucleic acid content in yeast cells and the determination of ploidy. F. N. Sokolova. Biokhimiya 32 no. 6: 1134-1141 N-D '67.
- Periods of mitotic cycle and the stages of increased sensitivity of different agents. O. I. Epifanova. Tsitologia 9 no. 9: 1033-1058 S '67.
- Phosphoproteins of some subcellular structures of vegetable and animal tissues. N. A. Fedorova, G. A. Tolchikova, O. V. Rikhter. Vest. IGU 22 no. 2: 124-128 N '67.
- Quantitative characteristics of the population of antibody-producing cells in different species of animals before and following immunization. L. A. Pevnitskii, L. N. Fontalin, V. V. Solov'ev. Biol. eksp. biol. i med. 64 no. 10: 60-63 O '67.
- Quantitative cytochemical analysis of single isolated tissue cells. I. B. Krasnov. Usp. sov. biol. 64 no. 3: 399-424 N-D '67.
- Quantitative determination of phospholipides in the cardiac muscle of rats by thin-layer chromatography in silica gel. I. A. Shabanova. Biokhimiya 32 no. 6: 1155-1160 N-D '67.
- Reaction of horizontal cells of the carp retina in the K-M-activated adenosinetriphosphatase inhibited by ouabain. M. A. Ostrovskii, I. A. Trifonov. Biofizika 12 no. 6: 1037-1042 N-D '67.
- Reaction of polliniferous varieties of various sorghum species to cytoplasmic male sterility in Turkmenia. Z. A. Kerbabaeva. Izv. AN Turk. SSR. Ser. biol. nauk no. 4: 30-35 '67.
- Separation of metabolically stable and labile information RNA nuclei from animal cells. V. A. Arlon, V. L. Man'eva, G. P. Georgiev. Mol. biol. i mo. 5: 689-698 S-O '67.
- ... in a Zavarzin. Tsitologia 9 no. 9: 1057-1071 S '67.
- Study of some cytoembryological problems in ... prunes. E. M. Kotoman. Biol. eksp. biol. i med. 64 no. 18: 1-192 '66.
- Use of fluorescent microscopy for studying the ... of intracellular distribution of antibiotics. A. A. Zelenin, E. S. Zalmanson, S. B. Petukhov. Faunistika, 30 no. 6: 751-771 N-D '67.
- Water permeability of protoplasm in ... of woody plants. K. A. Bakhanova, B. H. Vasil'eva. Dokl. AN SSSR 176 no. 2: 476-477 S '67.
- 576.7 GENERAL HISTOLOGY AND ORGANOLOGY
- Application of infrared spectroscopy to comparative ... of histones of various tissues. I. I. ... khin and others. Biofizika 12 no. 6: 988-992 N '67.
- Benzopyrene metabolism in cultures of normal ... fibroblasts. L. A. Andrianov and others. Biol. eksp. biol. i med. 64 no. 11: 114-117 N '67.
- Determination of ascorbic acid in animal and ... tissues by 2,6-dichlorophenolindophenol and 2,4-dinitrophenylhydrazine methods. A. G. ... LGU 22 no. 2: 145-147 N '67.
- Glia reactions in asymptomatic epilepsy. ... Trudy Gos. nauch.-issled. inst. polib., 44: 217-221 '67.
- Histological structures originating in diploid ... strains in organ cultures. A. I. Fokhtina, H. I. Rapoport, L. A. Luria. Dokl. AN SSSR 176 no. 2: 455 S '67.
- Mitotic regimen of human diploid cell cultures at ... stages of cell transformation by SV40 virus. I. A. Alov and others. Biol. eksp. biol. i med. 64 no. 11: 122-125 N '67.
- Respiration rhythm of nerve cells in a ... L. P. Denyskova and others. Biofizika 12 no. 6: 1031 N-D '67.
- Section of histology and embryology. I. A. ... Dolobokotov. Biol. MOIP Otd. biol. 72 no. 5: 111-114 S-O '67.
- Study of mitotic cycles and cell population ... histogenesis of provirus and definitive ... mammals. A. A. Zavarzin. Tsitologia 9 no. 9: 1092 S '67.
- Ultrastructure of the myocardium in physical ... fatigue and rest. D. S. Sarkisov and others. Biol. eksp. biol. i med. 64 no. 11: 141-149 N '67.
- 576.8 MICROBIOLOGY, BACTERIOLOGY, PARASITOLOGY
- A-factor securing streptomycin biosynthesis in ... Actinomyces streptomycini strains. A. I. ... others. Dokl. AN SSSR 177 no. 1: 242-245 N-D '67.
- Accelerated methods of studying biochemical ... of bacteria. I. B. Popov. Lab. delo no. 10: 17-19 '67.
- Adaptation of some bacteria to polyvinyl alcohol ... with antimicrobial properties. I. A. ... biologia 30 no. 4: 1010-1035 N-D '67.
- Allergy to plant pollen. F. F. Lukmanova, N. A. ... nitsyn, A. A. Polner. Usp. sov. biol. 64 no. 3: 478 N-D '67.
- Antigenic structure of some Rickettsia ... strains; experimental in vivo neutralization ... F. Plotnikova, I. V. Yarovskikh. Zhur. mikrobiol. i epid. i immun. 41 no. 9: 56-61 S '67.
- Bacteria as pathogenic agents of yeast grown on ... hydrocarbons and some characteristics of their ... F. I. Kvasnikov and others. Prikl. biokhimiya i mikrobiol. 3 no. 6: 653-659 N-D '67.
- Bacteriological diagnosis of tuberculosis under ... of hot climate. Report No. 3. Typing of ... by means of the phage test. M. P. Zykov. Lab. delo no. 9: 550-560 '67.
- Bacteriophages of Bacillus brevis var. ... Rautenshteyn, V. I. Puchkova, G. G. Zharikov. Mikrobiologiya 30 no. 6: 1060-1066 N-D '67.
- Biological properties of Shigella boydii-10 isolate in a group incidence of dysentery. A. A. Borovskii, I. I. Verkhovtsov, V. A. Aburava, Zhur. mikrobiol. i epid. i immun. 44 no. 9: 147 S '67.
- Cell composition of Mycobacterium utilizing ... D. K. Korsten. Prikl. biokhimiya i mikrobiol. 3 no. 6: 635-640 N-D '67.
- Changes in physiological and biochemical properties of nodule bacteria as affected by bacteriophage. O. I. Koleshko, M. K. Tsvetova, R. A. Sprenova. Prikl. biokhimiya i mikrobiol. 3 no. 6: 741-743 N-D '67.
- Changes in some properties of mineral oils as affected by mycobacteria. S. E. Krein and others. Prikl. biokhimiya i mikrobiol. 3 no. 6: 647-652 N-D '67.
- Characteristics of the ecology of gamasid mites in Dromys nitidulus Pallas nests. A. A. Tagil'tsev. Parazitologiya 1 no. 6: 507-511 N-D '67.
- Characteristics of the synthesis of DNA and the mitotic regimen of RES (clone 1) cell culture infected with ... pox vaccine virus. V. M. Zhukov and others. Biol. eksp. biol. i med. 64 no. 11: 100-103 N '67.
- Colorimetric method of determining polysaccharides in bacterial cells. L. G. Ivanova. Lab. delo no. 10: 570-571 '67.
- Comparative characteristics of the infection of ... murine rodents with ixodid ticks as related to the ecology of the host animal. T. A. Otakulov. Usp. sov. biol. 64 no. 75: 97-101 '66.
- 576.1 ORIGIN AND CREATION OF LIFE
- ... of the development of species concepts. A. I. ... Biol. MOIP Otd. biol. 72 no. 5: 11-27 '67.
- ... and problems of evolution. S. V. ... Biol. MOIP Otd. biol. 72 no. 5: 28-33 S-O '67.

- Comparative study of anthrax bacteriophages. E. N. Lavina, V. R. Arkhipova. Zhur. mikrobiol., epid. i immun. 44 no. 9:24-28 S '67.
- Comparative study of lethal, selective and mutagenic effects of chlorotetracycline, oxytetracycline and streptomycin on *Actinomyces aureofaciens* and *Actinomyces viscosus*. Report No. 1. Lethal and selective effect of chlorotetracycline and oxytetracycline on *Actinomyces aureofaciens* and *Actinomyces viscosus* S. I. Veselova. Genetika no. 12:73-78 D '67.
- Comparison of the activity of various antimicrobial tissues in respect to *Escherichia coli*, *Proteus*, and fungi of the *Candida* genus. N. S. Plotkina, Zhur. mikrobiol., epid. i immun. 44 no. 9:143 S '67.
- Composition of manganese oxides in Metalligenium and Leptothrix cultures. T. A. Kossina. Mikrobiologiya 36 no. 6:1024-1029 N-D '67.
- Control of disease foci in forest. P. A. Petrusheva. Priroda no. 11:72-78 N '67.
- Cytotoxic effect of standard scarlet fever toxin and boillon filtrates of *Streptococci* in cell cultures. Z. I. Galumina, N. S. Zakhar'yevskaya. Zhur. mikrobiol., epid. i immun. 44 no. 9:115-118 S '67.
- Defective mutants of the sexual factor in the cells of *Escherichia coli* K-12. A. P. Pekhov, D. V. Kudin. Biol. eksp. biol. i med. 64 no. 10:93-95 O '67.
- Department of Microbiology of the Moscow State University. V. N. Shaposhnikov. Vest. Mosk. univ. Ser. 6: Biol., pochtv. 22 no. 6:13-11 N-D '67.
- Dependence of the level of the mitotic activity of tumor cells on the periodical introduction of antineoplastic sera. S. V. Sukhorukikh. Biol. eksp. biol. i med. 64 no. 10:75-78 O '67.
- Detection of antigens of tick-borne encephalitis in small mammals. A. A. Pchelina, N. A. Nikitina, B. E. Karulin. Lab. delo no. 9:559-570 '67.
- Determination of the viability of *Mycobacterium leprae* by means of the cytochemical method. S. V. Buzikova. Probl. tub. 45 no. 12:64-67 '67.
- Distribution of *Caulobacter* in some soils. N. A. Krasitskiy, S. S. Bollaev. Mikrobiologiya 36 no. 6:1083-1088 N-D '67.
- Ecologic parasitology development at Leningrad University. I. I. Polianskii. Vest. LGU 22 no. 21:5-10 N '67.
- Ecoparasites of muskrat and its contacts with the inhabitants of coastal biocoenoses in White Russia. B. P. Savitskiy, N. P. Mishayeva, E. G. Samusevich. Parazitologiya 1 no. 6:592-598 N-D '67.
- Effect of amino acids on competence state in *Bacillus subtilis*. A. N. Paritskaya. Mikrobiologiya 36 no. 6:1010-1014 N-D '67.
- Effect of carbon and nitrogen sources on valine synthesis in *Bacterium subtilis* n. sp. 100 n. I. V. Kapitova, I. V. Aseeva. Mikrobiologiya 36 no. 6:970-975 N-D '67.
- Effect of copper on the growth of nitrogen-fixing mycobacteria by utilizing molecular and bound nitrogen. T. K. Hina. Mikrobiologiya 36 no. 6:964-969 N-D '67.
- Effect of different nitrogen compounds on the growth of *Streptococcus lactis* and nisin production. I. P. Baranova, N. S. Egorov. Mikrobiologiya 36 no. 6:958-959 N-D '67.
- Effect of exo- and endotoxins of dysentery bacilli on the mitotic activity of macro-organism cells. K. Kinda, F. Moisei, G. Indries. Zhur. mikrobiol., epid. i immun. 44 no. 9:49-51 S '67.
- Effect of exogenous and endogenous interferon on viruses of *Amphizyme* disease. N. M. Furer, E. A. Pichobazhen-skaya. Antibiotiki 12 no. 12:1099-1102 D '67.
- Effect of herbicides on the microflora and nutritive conditions of soils in sugar beet fields. V. E. Lobanov, L. P. Poddubnaya. Khim. v sel' kh. 5 no. 10:32-34 O '67.
- Effect of inhibited absorbing function of the reticuloendothelial system on the sensitivity of white mice to plague toxin. M. E. Efremova. Biol. eksp. biol. i med. 64 no. 10:63-65 O '67.
- Effect of some saponins on alcohol fermentation. L. R. Shcherbakovskii, G. I. Nilov. Prikl. biokhim. i mikrobiol. 3 no. 6:667-673 N-D '67.
- Effect of the antibiotic grisin and A and B vitamins on the indices of natural immunity in chicks. V. P. Tulchinskaya, M. S. Mishayevskii. Antibiotiki 12 no. 12:1084-1088 D '67.
- Effect of X-ray irradiation on the adaptive function of "soluble" RNA in *Azotobacter*. G. P. Miroschnichenko, G. N. Zaitseva. Dokl. AN SSSR 176 no. 2:463-466 S '67.
- Evolution of membrane structures and nuclear apparatus in micro-organisms. M. A. Lukonova, L. N. Kats. Usp. sovr. biol. 64 no. 3:484-486 N-D '67.
- Experimental hybridization of ticks of the subgenus *Alectorobius* (*A. agasidae*, *A. izodoides*). I. V. Panova. Parazitologiya 1 no. 6:405-401 N-D '67.
- Experimental polyarthritis caused by the introduction of Freund type adjuvant containing saprophytic *Mycobacteria* of the smegma. E. V. Sergeev, P. A. Fiziol. i eksp. terap. 11 no. 6:79 N-D '67.
- Extracellular phosphomonoesterase of *Bacillus amylolymna*. I. B. Leshchinskaya, A. R. Gbadullina. Mikrobiologiya 36 no. 6:993-998 N-D '67.
- Feasibility and gonotrophic cycle of *Haematopota pluvialis* L. (Diptera, Tabanidae). K. V. Skufin, N. K. Paenko. Parazitologiya 1 no. 6:512-518 N-D '67.
- Further study of the sensitivity of *Conococi* to penicillin. N. M. Ovchinnikov, S. S. Lur'e, N. I. Sakharova. Urol. i nefl. 31 no. 5:40-43 S-O '66.
- Growth and synthesis of carotenoids by *Mycobacterium*. N. N. Grechushkina, O. V. Malofeeva. Prikl. biokhim. i mikrobiol. 3 no. 6:641-646 N-D '67.
- Heterogeneity of the population of clinical *Staphylococci* strains with respect to their sensitivity to semi-synthetic penicillins and macrolide antibiotics. A. N. Shneerson. Antibiotiki 12 no. 12:1066-1071 D '67.
- Homology of nucleotide sequences of DNA and the amino acid composition of protein in mutants of *Staphylococcus aureus* with changing DNA composition. G. G. Gaurze, I. U. Dushnik, Z. F. Evdikhina. Dokl. AN SSSR 176 no. 2:458-459 S '67.
- Immunochemical characteristics of two geographical varieties of tularemia microbe. I. V. Rodionova, G. K. Shipitsina. Biokhimiya 32 no. 6:1161-1168 N-D '67.
- Immunochemical properties of cultures of the pathogen of B paratyphoid fever. A. I. Kovaleva and others. Zhur. mikrobiol., epid. i immun. 44 no. 9:54-58 S '67.
- Immunofluorescence method for the detection of circulating antibodies in patients sensitive to pollen. N. V. Medunitsyn, F. F. Lukmanova. Zhur. mikrobiol., epid. i immun. 44 no. 9:108-112 S '67.
- Immunogenic properties of deoxyribonucleic acid of *Mycobacterium tuberculosis*. I. F. Kopylova. Probl. tub. 45 no. 12:60-64 '67.
- Indication method of continuous checking of pH of feces in glycerine conservant. I. A. Mazur. Lab. delo no. 9:551-552 '67.
- Induced mutants of factor M-Lac⁺ in *Escherichia coli* K-12. A. P. Pekhov, A. A. Kusakin, V. V. Pantukhova. Biol. eksp. biol. i med. 64 no. 11:130-133 N '67.
- Induction of protein synthesis in a microbial cell with the help of a foreign RNA. E. D. Vyshnina, L. V. Melchinskaya. Mikrobiologiya 36 no. 6:1041-1045 N-D '67.
- Inhibiting effect of amino acids with antimetabolic activity on RNA synthesis in Newcastle disease virus. G. A. Galegov. Vop. med. khim. 13 no. 5:550-553 S-O '67.
- Intraspecies typing of dysentery *Shigella sonnei* by means of colicins. O. I. Emeltjanova. Zhur. mikrobiol., epid. i immun. 44 no. 9:40-44 S '67.
- Intraspecies typing of *Shigella sonnei*. V. I. Suvorov, S. V. Korneeva. Zhur. mikrobiol., epid. i immun. 44 no. 9:36-40 S '67.
- Kinetic study of transamination of keto analogs of valine and isoleucine with glutamic acid in *Aspergillus niger*. Z. S. Kagan, T. V. Doronina. Biokhimiya 32 no. 6:1242-1247 N-D '67.
- Klebsiella bacteriophages. Report No. 3. Characteristics of the *Klebsiella pneumoniae* phage. I. M. Gabrilovich and others. Zhur. mikrobiol., epid. i immun. 44 no. 9:118-121 S '67.
- Laboratory device for submerged fermentation of aerobic micro-organisms. M. E. Bekker and others. Prikl. biokhim. i mikrobiol. 3 no. 6:731-735 N-D '67.
- Liquid erythraemic typhus diagnostic test for indirect hemagglutination reaction. R. A. Pechenichov, V. A. Kolotov, O. A. Krasnova. Zhur. mikrobiol., epid. i immun. 44 no. 9:62-64 S '67.
- Long-term storage of micro-organisms. V. I. Kurnetsova, N. V. Novotol'nov. Mikrobiologiya 36 no. 6:1100-1101 N-D '67.
- Loss of the common component of the carbohydrate transport system in *Escherichia coli* K-12 mutant. G. I. Budr, V. P. Shabatenko, V. N. Gershonovitch. Mol. biol. i no. 5:713-718 S-O '67.
- Mechanism of the action of colicin D. T. I. Lariyeva. Antibiotiki 12 no. 12:1074 D '67.
- Medium with lactose and ammonium molybdate for bacteriological control of the effectiveness of disinfection in foci of infections of the intestinal group. E. I. A. Natslshvili. Lab. delo no. 9:553-558 '67.
- Methodology of quantitative determination of lysis of microbial cells by means of photoelectrocolorimetry. N. V. Chumachenko, D. A. Snegov. Lab. delo no. 9:547-551 '67.
- Mite *Lisotrophus leuckarti* Pagenstecher, 1862 and its distribution among rodents. E. V. Dubinina. Parazitologiya 1 no. 6:480-488 N-D '67.
- Mitotic regimen of human diploid cell culture at various stages of cell transformation by SV40 virus. I. A. Alov and others. Biol. eksp. biol. i med. 64 no. 11:122-125 N '67.
- Mutation frequency in *Escherichia coli* on nutrient media from the biomass of micro-organisms, oxidizing hydrocarbons. E. G. Borisovskiy. Mikrobiologiya 36 no. 6:1015-1018 N-D '67.
- Nematodes of the superfamily Mermittidae parasitizing in biting midges (Diptera, Ceratopogonidae). V. M. Glukhova. Parazitologiya 1 no. 6:519-520 N-D '67.
- New Capnoidae (Monogenoidae) from Pacific fishes. B. E. Bykhovskiy, L. F. Nagibina. Parazitologiya 1 no. 6:521-528 N-D '67.
- New phase of *Bacillus subtilis* with an unusual morphology. N. N. Bellava, R. R. Azizbekian. Mikrobiologiya 36 no. 6:1054-1059 N-D '67.
- Nicotinic acid and thiamine synthesis by the rhizosphere bacteria of the fine-fiber cotton tree. N. T. Kiseleva. Izv. AN Turk. SSR. Ser. biol. nauk. no. 4:10-17 '67.
- Nuclear apparatus of *Bacillus brevis* during its culture development dynamics. M. A. Peskov, A. V. Kapitonova. Mikrobiologiya 36 no. 6:1046-1049 N-D '67.
- Obtaining highly purified interferon preparations from chick embryo cell culture. B. Z. Cherkas and others. Antibiotiki 12 no. 12:1088-1093 D '67.
- Obtaining of adsorbed K-sera agglutinating to enteropathogenic *Escherichia coli* of the 020 K84 (445) group. O. P. Mazlova. Zhur. mikrobiol., epid. i immun. 44 no. 9:65-69 S '67.
- Obtaining pure culture of *ruminococcus* from isolated sections of the rumen of sheep. E. I. Kolen'ko, O. N. Gryzlova. Trudy VNIIEB 3:179-183 '66.
- Ontogeny of gamasid mites as a basis for developing their natural system. N. G. Bragova. Parazitologiya 1 no. 6:485-479 N-D '67.
- Paratracheal cyst combined with staphylococcal destruction of the lung. I. E. Kotovich, I. I. Lazuk. Gid. khim. 0 no. 6:115-117 N-D '67.
- Participation of active enzyme protein in the regulation of its formation. V. V. Iurkevich, G. T. Korycova. Dokl. AN SSSR 177 no. 1:240-242 N-D '67.
- Pathogenic and immunogenic properties of an auxotrophic strain of *Salmonella gallinarum*. O. M. Taratorina, V. V. Sergeev, N. M. Iuditskaya. Zhur. mikrobiol., epid. i immun. 44 no. 9:32-36 S '67.
- Physiological study of the relationship between fat metabolism and oxytetracycline biosynthesis in *Actinomyces viscosus*. H. Engelbrecht, F. Mach. Mikrobiologiya 36 no. 6:976-987 N-D '67.
- Problems of controlling the shield bug *Eurygaster integriceps* D. M. Palkin. Zashch. rast. 12 no. 11:37-39 '67.
- Proliferative activity of *Staphylococci* isolated from different population fractions. V. S. Zueva, G. A. Konisev. Biol. eksp. biol. i med. 64 no. 10:58-60 O '67.
- Quantitative analysis of the process of interaction of erythrocytes and bacterial antigens. Report No. 3. Dependence of the process on temperature. B. V. Kasalnik, G. I. Troshina, N. I. Chikhova. Zhur. mikrobiol., epid. i immun. 44 no. 9:121-126 S '67.
- Quantitative determination of *Shigella* and *Coli* in bacteriological culture media. G. R. Gadracheva, Z. Z. Sultanov. Lab. delo no. 9:568-569 '67.
- Rapid method of disinfection of *Aspergillus awamori* 22 conidia. P. N. Evitkhov. Prikl. biokhim. i mikrobiol. 3 no. 6:665-666 N-D '67.
- Reasons for predominance of levoforms of epinephrine. E. D. Rogacheva. Kristallografiya 12 no. 6:1091-1095 N-D '67.
- Resistance of *Mycobacterium tuberculosis* isolated from resected lungs. I. I. Usov, A. V. Belousov. Probl. tub. 45 no. 12:68 '67.
- Results of comparative bacteriological study of the urine and renal tissue in nephritis. D. G. Ruvich, M. O. Binger. Lab. delo no. 10:610-621 '67.
- Role of the genotype in the formation of antibodies. O. V. Rekhlin. Genetika no. 12:117-126 D '67.
- Saigankov, E. L. [Cysticercosis of the brain] TSistitserskoz golovnoy mozga. Kishinev, Karla Moldovenaske, 1967. 170 p. (DNLN).
- Sensitivity of some pathogenic bacteria to nitrofurantoin preparations. I. I. Maiko. Zhur. mikrobiol., epid. i immun. 44 no. 9:144 S '67.
- Significance of the complement fixation reaction with the first phase antigen of *Rickettsia burnetii* in the diagnosis of Q fever. N. I. Fedotova and others. Zhur. mikrobiol., epid. i immun. 44 no. 9:44-49 S '67.
- Some errors in classification of *European Dactylogyrus*. G. I. Gierov, A. V. Gusev. Parazitologiya 1 no. 6:535-538 N-D '67.
- Some principles of decontamination of tissue cultures from mycoplasma. I. V. Rakovskaya, V. V. Neustupova. Zhur. mikrobiol., epid. i immun. 44 no. 9:51-54 S '67.
- Some toxicogenic properties of type D and 1: *Clostridium perfringens*. L. F. Marasanova. Zhur. mikrobiol., epid. i immun. 44 no. 9:147 S '67.
- Structure of "stem" fibers in *Gallionella filamenta* laboratory culture. V. V. Balashova. Mikrobiologiya 36 no. 6:1050-1053 N-D '67.
- Study of antigens from paratyphoid bacteria B by infrared spectrophotometry. K. K. Ivanov, R. N. Uvarova. Biofizika 12 no. 6:973-977 N-D '67.
- Study of mutagenesis on conditional lethal mutants. Report No. 2. Mutagenic effect of nitrous acid on conditional lethal mutants of the phage T4. E. S. Piruzian, S. I. Aikhanian, N. M. Mkrtumyan. Genetika no. 12:67-72 D '67.
- Study of nonhemin iron complexes in fractions from *Aerobacter vinelandii* by electron paramagnetic method. A. F. Vanin, G. I. Matkhanov, I. M. Belov. Biofizika 12 no. 6:1103-1105 N-D '67.
- Study of optimal conditions for interferon formation in arbovirus infections of chick embryo cell cultures. L. M. Vil'ner and others. Antibiotiki 12 no. 12:1093-1099 D '67.
- Study of sand flies of the family *Phlebotomidae* in the U.S.S.R. P. A. Petrishcheva. Parazitologiya 1 no. 6:455-464 N-D '67.
- Study of streptomycin-dependent mutants of *Shigella*. V. V. Sergeev, O. M. Taratorina, S. I. Elkina. Zhur. mikrobiol., epid. i immun. 44 no. 9:28-32 S '67.
- Study of the heterogeneity of crystalline α -amylase of *Aspergillus oryzae*. A. S. Tsyperovich, I. P. Galich. Biokhimiya 32 no. 6:1166-1164 N-D '67.
- Toxic properties of cutaneous secretions in amphibians. L. I. Khazatskiy. Vest. LGU 22 no. 21:82-87 N '67.
- Transduction of colicinogenic factor E1 in *Salmonella typhimurium*. L. F. Bliskova. Genetika no. 12:61-66 D '67.

- Lebedev Parazitologiya 1 no. 6 529-534 N-D '67
- Use of entomopathogenic bacteria and insecticides in injurious insects control. V. P. Pristavko, Ent. obozr. 46 no. 4 753-759 '67.
- Use of Soviet ion exchangers for the isolation of viruses and bacteria from water and soil. L. V. Grigor'eva, Lab. delo no. 9 556-558 '67
- Use of the ST-10 recording spectrophotometer for quantitative determination of cytochromes and study of kinetics in some enzymatic reactions. V. M. Kuznetsov, Zhur. mikrobiol., epid. i immun. 14 no. 9 106-108 '67.
- 576 6(282 2)—Rivers**
- Characteristics of fish parasites in the Penzina River. S. M. Kononov, Parazitologiya 1 no. 6 539-546 N-D '67.
- 576 8(471 23)—Leningrad Province**
- Study of the process of the formation of iron-manganese concretions in Lake Krasnoye. G. A. Sokolova-Dubinnina, Z. P. Deriugina, Mikrobiologiya 36 no. 6 1056-1076 N-D '67.
- 576 8(471 341)—Gorky Province**
- Ecologic characteristics of the infestation of European bank vole with fleas. T. A. Otukhlova, Uch. zap. GGU no. 75 102-105 '66
- Flora and ecology of lecodid ticks in Gorky Province. I. U. K. Solov'ev, Uch. zap. GGU no. 75 105-116 '66
- Natural disease foci in Gorky Province. V. I. Kozlov and others, Uch. zap. GGU no. 75 88-98 '66
- Pagonyia hyosclami Panz., the most dangerous pest of sugar beets in Gorky Province. M. A. Ananov, Uch. zap. GGU no. 73 167-171 '66
- 576 8(474 3)—Latvian S. S. R.**
- Citrus virus against cabbage butterfly. I. Zarins, Zashch. rast. 12 no. 11 42 '67
- 576 8(477 8)—Western Ukraine**
- Hemolytic properties of various serological types of Proteus isolated in Ivano-Frankovsk Province. V. M. Vititskiy, Zhur. mikrobiol., epid. i immun. 44 no. 9 91-95 '67
- 576 8(571 6)—Soviet Far East**
- New species and the subgenus of the genus Ixodes Latr. (Parasitiformes, Ixodidae) from the Far East. N. D. Chmel'yanova, O. L. Kozlovskaya, Parazitologiya 1 no. 6 489-491 N-D '67
- 576 8(575 1)—Uzbek S. S. R.**
- Microbiological research in Uzbekistan. M. I. Mavlan, S. A. Askarova, V. I. Runov, Uzb. biol. zhur. 11 no. 5 12-17 '67.
- Pectolytic activity of local fungi from the genus Aspergillus, M. Z. Zakirov, Uzb. biol. zhur. 11 no. 5 18-21 '67.
- 577 GENERAL PROPERTIES OF LIFE**
- Characteristics of mental disorders in a patient recovered from clinical death. K. D. Maslov, Zhur. nev. i psikh. 67 no. 12:1854-1860 '67.
- Theory of the error accumulation in the reproduction of macromolecules as the cause of aging. Zh. A. Medvedev, Biol. MOIP Old biol. 72 no. 5 97-107 S-O '67.
- 577 1 BIOCHEMISTRY**
- Absence of polyphosphates in mitochondria. I. S. Kulaov and others, Dokl. AN SSSR 177 no. 1:228-231 N-D '67.
- Absorption of DNA by marrow cells in vitro. G. G. Rusinova, S. A. Rogacheva, R. E. Lubintzon, Vop. med. khim. 13 no. 5 185-188 S-O '67.
- Accelerated methods of studying biochemical properties of bacteria. I. U. B. Popov, Lab. delo no. 10:621-624 '67.
- Acetylating coenzyme in the liver and mucous membranes of different digestive tract sections of cattle. V. I. Skokikhid, Ukr. biokhim. zhur. 39 no. 4:421-423 '67.
- Acid inactivation of amylases of malt and the mold Aspergillus awamori. N. A. Zherobtsov, A. I. Pankratov, Ferment. i spir. prom. 33 no. 7:30-33 '67.
- Acid proteinase activity in subcellular and submitochondrial fractions of the rabbit brain. I. A. V. Biel'ki, V. I. Titulen'ev, Ukr. biokhim. zhur. 39 no. 4:343-351 '67.
- Activity of some enzymes during the pentose phosphate cycle of carbohydrate transformation in experimental atherosclerosis induced in various ways. I. V. Stukolovskiy, T. I. Kolkakova, Vop. med. khim. 13 no. 5 535-538 S-O '67.
- Activity of the proteolytic enzyme phytin in leaves of some fig varieties grown in the Uzbek S. S. R. V. I. Solov'ev, I. U. A. Akhmedov, Prikl. biokhim. i mikrobiol. 3 no. 6:699-703 N-D '67.
- Ammonia formation in the stomach muscle and its possible sources. H. I. Syakova, H. M. Bekir-zade, Ukr. biokhim. zhur. 39 no. 4:386-392 '67.
- Biochemistry at the Soil Biology Department of the Moscow State University. S. E. Severin, Vest. Mosk. un. Ser. Biol., pochr. 22 no. 6:37-41 N-D '67.
- Antishock effect of polyvitamin fluid. N. P. Kondrat'ev, Vest. khir. 99 no. 12:16-22 D '67.
- Benzopyrene metabolism in cultures of normal and tumor fibroblasts. L. A. Andrianov and others, Biol. eksp. biol. i med. 64 no. 11:114-117 N '67.
- Biochemical principles of light reception. R. N. Ettingol, Usp. sov. biol. 61 no. 3 425-443 N-D '67.
- [Biochemistry] Ref. zhur. • Biol. khim. nos. 20-21 O-N '67.
- Changes in cholinesterase activity and content of the blood catechol amines in staphylococcal intoxication in adult dogs. V. D. Rozanova, Biol. eksp. biol. i med. 61 no. 10 34-36 O '67.
- Changes in protein fractions and in indices of nitrogen metabolism depending on the gravity of the course of thyroidin toxicosis in rabbits. S. G. Gerasimov, A. S. Arslanov, Biol. eksp. biol. i med. 64 no. 12 36-40 D '67.
- Chemical structure of the Leuzea calthamoides ("maral roots"). M. A. Mal'gin, Izv. Akad. Nauk SSSR no. 6 75-79 '65
- Chromatographic separation of pancreatic enzymes on KM-cellulose. M. T. Proskurnikov, Prikl. biokhim. i mikrobiol. 3 no. 6:723-725 N-D '67.
- Cleavage of glycogen and maltose by α -amylase of the rabbit liver in the presence of various sugars and their derivatives. D. M. Belen'skiy, E. L. Rozenfeld, Biokhimiya 32 no. 6 1201-1208 N-D '67.
- Comparative evaluation of some methods of determining cholesterol in the blood serum. I. Goranov, I. Apostolov, Lab. delo no. 10 594-598 '67.
- Comparative study of rat sarcoma cathesins and hepatic cathesins in healthy rats and rats with sarcoma. O. V. Kozakova, V. N. Orekhovich, Biol. eksp. biol. i med. 64 no. 11 76-80 N '67.
- Content of catechol amines and the adenosinetriphosphatase activity of the myocardium in experimental myocarditis. S. B. Barinman, T. B. Rukhmanova, Biol. eksp. biol. i med. 64 no. 10 22-25 O '67.
- Content of cholesterol and its esters in vascular walls in experimental coarctation of the aorta. A. Kh. Khaidarov, N. Sh. Nuriliev, Kardiologiya 7 no. 10 116-118 O '67.
- Content of cytochrome in the heart in rabbits in experimental myocarditis. M. V. Sokolov, Z. G. Trofimova, I. U. V. Bukin, Biol. eksp. biol. i med. 64 no. 12 44-46 D '67.
- Content of serotonin in the cerebrospinal fluid in some organic diseases of the nervous system. A. Ju. Makarov, L. A. Sachkova, Zhur. nev. i psikh. 67 no. 12 1797-1802 '67.
- Cytochemical study of the interaction of leucocytes and target cells in tissue culture. S. M. Sura and others, Biol. eksp. biol. i med. 64 no. 11 103-107 N '67.
- Dalunashvili, E. N., and N. M. Pavlenko, [Protein turbidity of wine and prospects for the use of proteolytic enzyme preparations] Bolkovye pomulnaniya v n' perspektivy primeneniya proteoliticheskikh fermentnykh preparatov. Moskva, 1967, 34 p.
- Decarboxylation of a protein (popsin) in order to produce CO₂ for mass spectrometry. L. S. Shkaronkova and others, Biokhimiya 32 no. 6 1175-1180 N-D '67.
- Department of Plant Biochemistry. V. V. Turkevich, Vest. Mosk. un. Ser. Biol., pochr. 22 no. 6:20-26 N-D '67.
- Distribution of anserine and carnosine in the pectoral muscle in chicks. O. V. Dobrynya, Biol. eksp. biol. i med. 61 no. 11 60-64 N '67.
- Diurnal changes of the protein metabolism and mitotic activity of the cells in the adrenal cortex. A. U. Trupold, Biol. eksp. biol. i med. 64 no. 10 83-85 O '67.
- Division and detection of isozymes of glucose-6-phosphate dehydrogenase from J-56 cells by means of electrophoresis in polyacrylamide gel. F. B. Levin, Vop. med. khim. 13 no. 5:556-557 S-O '67.
- Dynamics of the psychopathological structure and excretion of catechol amines in patients with paranoid and paranoid syndromes. R. I. Vovin, Zhur. nev. i psikh. 67 no. 12:1825-1831 '67.
- Effect of anesthesia and surgical trauma on blood pseudocholinesterase activity in patients with suppurative processes in the lungs and cancer of the stomach and esophagus. V. N. Koshelev, I. U. P. Averb'yanov, Vest. khir. 99 no. 12:22-25 D '67.
- Effect of biogenic aminothiol compounds on the enzyme synthesis of polyribonucleotides in the presence of polynucleotide phosphorylase. N. V. Bogolavskaya, M. A. Gubenev, T. G. Shorosheta, Biokhimiya 32 no. 6 1149-1154 N-D '67.
- Effect of "diabetic" serum on the respiration and carbohydrate metabolism of eucariozoocytes in rabbits under normal conditions and in experimental diabetes. S. A. Shestakova, Vop. med. khim. 13 no. 5 461-464 S-O '67.
- Effect of E-avitaminosis on the oxidative phosphorylation in skeletal muscle mitochondria. V. A. Ilyirhor'eva, I. V. Shchukina, Ukr. biokhim. zhur. 39 no. 4:366-372 '67.
- Effect of electric stimulation of the hippocampus on the lipid metabolism in rabbits. N. A. Novikova, Fiziol. zhur. 53 no. 12:1452-1454 D '67.
- Iaeta, M. Skalka, J. Matyagova, Biokhimiya 32 no. 6 1278-1284 N-D '67.
- Effect of inorganic salts and guanidine chloride on the meric fibrin polymerization. L. V. Luvov'skiy, Uzb. biokhim. zhur. 39 no. 4 430-437 '67.
- Effect of insulin on the content of nitrogen compounds and enzyme activity in the rumen of cattle. M. V. Matyniuk, Ukr. biokhim. zhur. 39 no. 4 418-420 '67.
- Effect of lobeline, noradrenalin and acetone on the in the dog brain. L. H. Pomilina, Ukr. biokhim. zhur. 39 no. 4 360-365 '67.
- Effect of luminal and medinal on the incorporation of lysine in the renal proteins of rats in vitro. S. R. Mardashev, A. I. Voronov, S. S. Debov, Vop. med. khim. 13 no. 5 516-522 S-O '67.
- Effect of lymphocytes of rats treated with Freund's adjuvant on fibroblast tissue culture. V. V. Sura, V. I. Vasil'ev, Biol. eksp. biol. i med. 64 no. 10 70-73 O '67.
- Effect of N-pi-oxylgallate and cysteine on the quaternary structure of D-glyceraldehyde-3-phosphate dehydrogenase from rabbit muscles. A. I. Agatova, Biokhimiya 32 no. 6 1107-1114 N-D '67.
- Effect of prolonged muscular activity on the nucleic acid content in animal tissues. N. H. Lytovchenko, Ukr. biokhim. zhur. 39 no. 4 373-376 '67.
- Effect of pyruvic acid on the development of cholesterol atherosclerosis in rabbits. D. A. Kaidin, Kardiologiya 7 no. 10 135-136 O '67.
- Effect of quateron on catechol amine content in various tissues. N. A. Ganan, E. K. Kazarova, Dokl. AN SSSR 15 no. 3 125-129 '67.
- Effect of the cofactors of the synthesis and preferential of nucleic acids and protein on the formation and preservation of the conditioned defensive reflex. V. V. Dergachev, R. I. Kuglikov, F. Z. Meerzon, Biol. eksp. biol. i med. 64 no. 10 10-13 O '67.
- Effect of thiamine content in the nutrient medium of Saccharomyces cerevisiae on its absorption and synthesis. I. U. M. Poykhenko, R. V. Chahovets', Ukr. biokhim. zhur. 39 no. 4 438-443 '67.
- Effect of various doses of γ -aminobutyric acid, adrenalin and insulin on coagulability, prothrombin time and prothromboplastin activity in the rat blood. K. G. Karagezian, S. S. Sakian, Ukr. biokhim. zhur. 39 no. 4 444-448 '67.
- Effect of vitamin B₁₂ on the growth of laboratory animals. E. T. Filipovich, Khim. v sel', khoz. 5 no. 10:59 O '61.
- Effect of X-ray irradiation on the adaptive functions of "soluble" RNA in Azotobacter. G. P. Miroshnichenko, G. N. Zaitseva, Dokl. AN SSSR 176 no. 2 463-466 S '67.
- Electrophysiological analysis of the functional interaction of serotonin and γ -aminobutyric acid on the segmental level of the spinal cord. G. A. Romanova, Biol. eksp. biol. i med. 64 no. 10 47-50 O '67.
- Enzyme activity of the sarcoplasmic reticulum following compensatory hypertrophy of the myocardium. A. A. Pokrovskiy and others, TSitologiya 5 no. 9 1137-1143 S '67.
- Extracellular phosphomonoesterase of Bacillus amyloliquefaciens. A. R. Ghabdullina, Mikrobiologiya 36 no. 6 993-998 N-D '67.
- Formation of radicals in the reaction of N-benzyl-1,4-dihydronicotinamide with quinones. L. A. Negicvich and others, Ukr. khim. zhur. 33 no. 7 756-757 '67.
- Fourth Conference of the Federation of European Biochemical Societies, July 3-7, 1967 in Oslo, Norway. Z. S. Kagan, Biokhimiya 32 no. 6 1285-1288 N-D '67.
- Gluconeogenesis in kidney sections of rats with alloxan diabetes. M. D. Bafalaba, V. S. P'lin, Vop. med. khim. 13 no. 5 489-491 S-O '67.
- Hydrolysis of casein and some of its components by proteases of the gastric intestinal tract. M. P. Chernikov, G. V. Nikol'skaya, E. I. Stan, Biokhimiya 32 no. 6 1122-1127 N-D '67.
- Immunogenic properties of deoxyribonucleic acid of Mycobacterium tuberculosis. I. F. Kopylova, Prikl. tub. 45 no. 12 60-64 '67.
- Immunological identity of human serum albumin and embryonic α_2 -globulin in dogs and cats. I. U. S. Tatarinov, A. V. Afanas'eva, Biol. eksp. biol. i med. 64 no. 10 66-70 O '67.
- Incorporation of C¹⁴-alanine into the proteins of cell nuclei in regenerating liver of irradiated and intact rats. V. D. Blokhina, E. F. Romanov, L. F. Romanova, Biokhimiya 32 no. 6 1145-1148 N-D '67.
- Induction of protein synthesis in a microbial cell with the help of a foreign RNA. E. D. Vyshapan, L. V. Meleshkin, Mikrobiologiya 36 no. 6 1041-1045 N-D '67.
- Inhibition of succinic acid oxidation by oxal acetic acid. A. D. Vinogradov, Biokhimiya 32 no. 6 1271-1277 N-D '67.
- "Insoluble" blood serum protein in pregnant cows. B. O. Protsenko, I. I. Kuz'menko, Ukr. biokhim. zhur. 39 no. 4 412-417 '67.
- Intensity of the recovery of protein fractions of skeletal muscle and heart myofibrils of a rabbit following experimental muscular dystrophy (D-avitaminosis). H. O. Pkhakadze, Ukr. biokhim. zhur. 39 no. 4 381-385 '67.
- Intensity of thiamine stock restoration and transketolase activity in tissues with different vitamin supply of the organism. I. U. M. Ostrovskiy, B. I. Genshtein, Biokhimiya 32 no. 6 1115-1121 N-D '67.
- Interaction of aminazine and novocaine with acid mucopolysaccharides and mucoproteins. S. M. Bychkov, A. I. Khazanova, Vop. med. khim. 13 no. 5 491-493 S-O '67.

- 577 1 (Continued)
- Interrelated nature of the sorption of proflavine and other competitive inhibitors on an active center of α -chymotrypsin and the nature of sorption relationships. I. V. Berezin, A. V. Levashov, G. Martinek. Dokl. AN SSSR 177 no. 1 221-224 N-D '67.
- Isaaccepo transfer RNA of rabbit reticulocytes. M. I. Kovalenko, H. Kh. Matsuka, E. B. Syty'ska. Ukr. biokhim. zhur. 39 no. 4 399-402 '67.
- Isolation of bacterial nucleases by gel filtration method. I. B. Leshchinskaya and others. Prikl. biokhim. i mikrobiol. 3 no. 6 711-716 N-D '67.
- Kinetic study of transamination of keto analogs of valine and isoleucine with glutamic acid in *Aspergillus niger*. Z. S. Kagan, T. V. Dolonina. Biokhimiia 32 no. 6 1242-1247 N-D '67.
- Kinetics of enzymatic hydrolysis of phenyl acetate. R. I. Volkova. Biokhimiia 32 no. 6 1263-1269 N-D '67.
- Main stages in the development of human and animal biochemistry in the U.S.S.R. S. O. Severin. Vop. med. khim. 13 no. 5 451-461 S-O '67.
- Maitina, E. Sh., and V. V. Men'shikov. (Clinical biochemistry of catecholamines) Klinicheskaya biokhimiia katekholaminov Moskva, Meditsina, 1967 303 p. (DNLN)
- Mechanism of the action of the inhibitor of protein synthesis in the cells of ascitic carcinoma following infection with encephalomyocarditis viruses. M. K. Kukanova, N. V. Kavein. Vop. med. khim. 13 no. 5 522-530 S-O '67.
- Mechanisms of neuron excitation and dynamics of ion changes in the epileptic convulsion syndrome. L. M. Dondyash. Trudy Gos. nauch.-issl. inst. psikh. 47 242-246 '67.
- Men'shikov, V. V. [Methods of clinical biochemistry of hormones and mediators, a textbook] Metody klinicheskoi biokhimii gor'monov i mediatorov; uchebnoe posobie Moskva, 1966, 80 p.
- Methodology of determining histaminase activity. E. A. Solov'skaya. Lab. delo no. 10 598-599 '67.
- Methodology of determining monomycin concentration in tissues. L. T. Danilova, T. K. Sevinan. Antibiotiki 12 no. 12 1082-1084 D '67.
- Methodology of studying the distribution of trace elements in human organs. M. B. Tabakman. Sud.-med. ekspert. 10 no. 4 24-27 O-D '67.
- Multicomponent cellulolytic enzymes of thermophilic and mesophilic fungi related to *Aspergillus fumigatus*. L. G. Logunova, Zh. Tashpulatov. Mikrobiologiya 36 no. 6 986-992 N-D '67.
- Nature of the changes of the content of ascorbic acid in patients with epilepsy during the process of treatment. S. A. Gromov. Trudy Gos. nauch.-issl. inst. psikh. 47 169-175 '67.
- Nature of the enzyme inhibition by basic dyes. N. V. Tishchenko, A. D. Braun. Tsitologiya 9 no. 9 1144-1150 S '67.
- New types of glycerol lipids. L. D. Bercel'son. Usp. sov. biol. 84 no. 3 355-378 N-D '67.
- Nucleic acid content and nuclease activity in cell fractions of the tumorous rat liver. A. D. Skrydenko, Uki. biokhim. zhur. 39 no. 4 403-411 '67.
- Nucleoside phosphorylase activity in thrombocytes of donors and thrombocytes of patients with polycythemia and chronic myelosis. V. A. Egorova, A. I. Blinova, I. F. Seits. Vop. med. khim. 13 no. 5 508-511 S-O '67.
- Oxygen consumption by the brain of white rats in various nutrient media. N. F. Svadkovskaya, A. D. Komova. Uki. biokhim. zhur. 39 no. 4 357-359 '67.
- Participation of active enzyme protein in the regulation of its formation. V. V. Iurkevich, G. T. Koz'yeva. Dokl. AN SSSR 177 no. 1 240-242 N-D '67.
- Pestolytic activity of local fungi from the genus *Aspergillus*. M. Z. Zakhirov. Uzb. biol. zhur. 11 no. 5 18-21 '67.
- Phagocyte activity and cytochemical properties of poly- and mononuclear elements of pulmonary tissue in white mice following infection with *Mycobacterium tuberculosis*. L. P. Osipova. Biol. eksp. biol. i med. 64 no. 12 63-65 D '67.
- Phosphoprotein phosphatase activity of functionally different muscles at various times following denervation. V. V. Ershov. Ukr. biokhim. zhur. 39 no. 4 377-380 '67.
- Possibility of studying the topography of enzyme active center by means of multicomponent reversible inhibition. I. V. Berezin, G. Martinek. Teor. i eksp. khim. 3 no. 4 458-462 J1-Ag '67.
- Protective effect of substrates in inactivation of NAD, H_2 oxidase and succinic acid oxidase by cobra venom and trypsin. V. N. Luzikov and others. Biokhimiia 32 no. 6 1234-1241 N-D '67.
- Protolytic enzyme model based on poly-4-vinylpyridine partially alkylated by benzyl chloride. I. U. E. Kirsh, V. A. Kabanov, V. A. Kargin. Dokl. AN SSSR 177 no. 1 112-115 N-D '67.
- Purification and study of some properties of α -glucosidase in rabbit muscles. N. F. Pisarenko. Biokhimiia 32 no. 6 1181-1185 N-D '67.
- Relation of the central action of nitroglycerin with cerebral monoamine metabolism. N. V. Kaverina and others. Biol. eksp. biol. i med. 64 no. 12 51-55 D '67.
- Respiration and oxidative phosphorylation in the motor analyzer of the cat brain under the influence of aminazine. E. L. Dovedova. Ukr. biokhim. zhur. 39 no. 4 352-355 '67.
- Reversible inactivation of α -chymotrypsin resulting from interaction of Cu^{++} ions with the imidazole group of a histidine residue. I. V. Berezin and others. Mol. biol. i no. 5 719-728 S-O '67.
- Role of the adrenergic substrate of the hypothalamus in the regulation of the blood coagulation system. A. A. Markosian, A. K. Chepurov. Fiziol. zhur. 53 no. 12 1455-1462 D '67.
- Scientific session on problems of molecular biology dedicated to the 50th anniversary of the Great October Socialist Revolution. Mol. biol. i no. 5 772-775 S-O '67.
- Separate determination of vitamin A-aldehyde and vitamin A-acid. A. A. Dmitriyev, G. V. Termina. Biokhimiia 32 no. 6 1209-1219 N-D '67.
- Significance of oxygen tension in the myocardium in the pathogenesis of ventricular fibrillation in acute coronary insufficiency. V. N. Bricker, D. I. Vol'pert, A. I. Seliva. Kardiologiya 7 no. 10 15-20 O '67.
- Some properties of insulin with reduced and deoxidized disulfide bonds. M. I. Plekhan, I. I. Chikvarkina, P. I. Babich. Biokhimiia 32 no. 6 1080-1083 N-D '67.
- Some properties of the thermolabile inhibitor trypsin, plasmin and kallikrein from rabbit blood serum. T. S. Pashkina, L. E. Skidomova. Vop. med. khim. 13 no. 5 464-471 S-O '67.
- Some results and future work on general problems of biochemistry at Leningrad University. A. I. Kolotilova. Vest. LGU 22 no. 21 30-53 N '67.
- Steps of a young science. Mol. biol. i no. 5 611-614 S-O '67.
- Study of changes in the coagulability of blood depending on contrast vasography. R. P. Askerkhanov, M. R. Gadzhiev, B. A. Bagramova. Vest. khim. 99 no. 12 77-84 D '67.
- Study of optimal conditions for interferon formation in arbovirus infections of chick embryo cell cultures. L. M. Vil'man and others. Antibiotiki 12 no. 12 1093-1099 D '67.
- Study of the heterogeneity of crystalline α -amylase of *Aspergillus oryzae*. A. S. Tsyrovich, I. P. Galich. Biokhimiia 32 no. 6 1186-1194 N-D '67.
- Study of the mechanism of lipid deposition in arteries. S. Gero and others. Kardiologiya 7 no. 8 20-28 Ag '67.
- Study of the mechanism of nervous influences on cholesterol metabolism by means of $4-C^{14}$ -labeled cholesterol. L. A. Mianikov. Kardiologiya 7 no. 8 29-31 Ag '67.
- Study of the nature of bonding of coenzyme with apoenzyme and the substrate in cysteine lyase. T. A. Iolosa and others. Mol. biol. i no. 5 720-735 S-O '67.
- Symposium on physiology and biochemistry of lactation. I. A. Baryshnikov, G. B. Tverskoi. Fiziol. zhur. 53 no. 12 1502-1503 D '67.
- Threshold of subfreezing temperature for the transition reaction of the protophospholipid into the chlorophyll pigment in dehydrated leaves. T. N. Godev, N. K. Akulovich, V. I. Domash. Dokl. AN SSSR 177 no. 1 225-228 N-D '67.
- "Training" cholesterol leads in disorders of lipid metabolism. B. V. Piskun. Kardiologiya 7 no. 8 114-146 Ag '67.
- Transaminase activity of the blood serum and cerebrospinal fluid in epileptic patients during the period of treatment. V. P. Rakhov. Trudy Gos. nauch.-issl. inst. psikh. 47 227-230 '67.
- Transaminases and isozymes of lactate dehydrogenase in myocardial infarction of a neonatal mouse. R. A. Mizalitan. Vop. med. khim. 13 no. 5 471-478 S-O '67.
- Use of low-molecular fragments of chitin in characterizing the activity of gamma irradiated lysozyme. V. I. Maksimov, V. I. Osipov, E. D. Kaverzina. Biokhimiia 32 no. 6 1169-1174 N-D '67.
- Use of the ST-10 recording spectrophotometer for quantitative determination of cytochromes and study of kinetics in some enzymatic reactions. V. M. Kushnarev. Zhur. mikrobiol., epid. i immun. 41 no. 9 106-108 S '67.
- Verbovolch, P. A., and A. B. Uteshev. Iron in the animal organism. Zhelazo v zhivotnom organizme. Alma-Ata, Nauka, 1967, 263 p.
- 577.1(571.15)—Altai Territory
- Iodine in the Characae of the lakes of the Altai Mountain region. B. A. Makarovich and others. Izv. Akad. Geogr. ob.-va SSSR no. 6 87-88 '65.
- 577.1(575.1)—Uzbek S.S.R.
- Development of biochemistry and biophysics in Uzbekistan. I. A. Kh. Turakulov. Uzb. biol. zhur. 11 no. 5 7-11 '67.
- 577.3 BIOPHYSICS. BIOMECHANICS. BIOENERGETICS
- Application of infrared spectroscopy to comparative characteristics of histones of various tissues. I. I. Naberukhin and others. Biokhimiia 32 no. 6 968-972 N-D '67.
- Change in antioxidant activity of lipids in the course of the development of transplantable hepatoma 22-a. E. B. Burlakova, N. P. Pal'mina. Biokhimiia 32 no. 6 1032-1036 N-D '67.
- Changes in the functional state of the spinal cord segment apparatus as affected by sonic stimulator and its role in spontaneous movement. T. I. Pal'tsey, A. M. El'ner. Biokhimiia 32 no. 6 1064-1070 N-D '67.
- Changes in the radiosensitivity of spermatogenic epithelium in mice of several generations living under conditions of increased radiation background. L. I. Zhebo, K. K. Surikova. Biol. eksp. biol. i med. 64 no. 12 82-84 D '67.
- Development of neurobiophysical studies. P. O. Makarov. Vest. LGU 22 no. 21 54-61 N '67.
- Dielectric relaxation in solutions of some biopolymers. N. V. Sedukh. Biokhimiia 32 no. 6 978-982 N-D '67.
- Effect of a magnetic field on the movement of suspended particles. I. V. Antonov, G. F. Plekhanov. Biokhimiia 32 no. 6 1107-1108 N-D '67.
- Effect of a magnetic field on unicellular infusorians (*Paramecium caudatum* et.). M. A. Dolgopolskaya, I. S. Mendelev, L. V. Vladimirov. Biokhimiia 32 no. 6 1109-1111 N-D '67.
- Effect of adenosine triphosphate on the viscosity of actomyosin exposed to the action of urea or storage. I. M. Spektor. Biokhimiia 32 no. 6 1095-1097 N-D '67.
- Effect of electrode polarization in measuring dielectric losses in biological objects. T. P. Filanovskaya, G. A. Ioffe. Biokhimiia 32 no. 6 1113-1115 N-D '67.
- Effect of formaldehyde on phages and DNA within a phage. E. N. Dobrov, T. I. Tikhonchenko, S. M. Klimentko. Biokhimiia 32 no. 6 997-997 N-D '67.
- Effect of gramicidin S on photophosphorylation in virus-infected tobacco. M. F. Iadygina, M. I. Tureeva, B. A. Rubin. Biokhimiia 32 no. 6 1248-1252 N-D '67.
- Effect of laser radiation on tissue culture cells. R. I. E. Kavetskiy, M. F. Hamulila. Dop. AN URSR, Ser. B 29 no. 11 1042-1046 N '67.
- Effect of radiation on the synthesis of ribosomal and DNA-like RNA from seed embryos. V. I. Tokarskaya, S. R. Umanskii, A. M. Kuzin. Dokl. AN SSSR 177 no. 1 211-213 N-D '67.
- Effect of ultrasonic waves of high intensity on G and F actin. I. G. Shtrankel', I. I. El'piner, A. G. Atanasov. Biokhimiia 32 no. 6 1093-1094 N-D '67.
- Effect of ultraviolet rays on human gamma globulin. I. T. El'piner, O. M. Zolina, L. I. Sidorovskiy. Dokl. AN SSSR 177 no. 1 218-220 N-D '67.
- Evoked potentials in the orbital region of the cerebral cortex in cats. V. N. Karakov. Fiziol. zhur. 53 no. 12 1397-1406 D '67.
- High-frequency electrode polarization and its effect on capacity measurements in biological objects. I. U. Zhukov, B. N. Tarusov. Biokhimiia 32 no. 6 1106-1107 N-D '67.
- In the Laboratory of biophysics. S. V. Andreev, B. K. Matveeva. Zashch. rast. 11 no. 11 25-27 '67.
- Kinetics of free radical concentration changes in the course of solid sarcoma-37 form development. A. N. Saplin and others. Biokhimiia 32 no. 6 1022-1025 N-D '67.
- Kinetics of the change in free radical content in the course of Walker carcinoma development and thio-TEPA action. A. N. Saplin and others. Biokhimiia 32 no. 6 1099-1102 N-D '67.
- Mechanism of sodium pump. V. I. Muromtsev, N. I. Nikolaev, G. G. Chuvpilo. Biokhimiia 32 no. 6 1097-1099 N-D '67.
- Modeling electric signal of a group of muscle fibers. V. M. Bernshtein. Biokhimiia 32 no. 6 1059-1063 N-D '67.
- Nature of paramagnetic centers, interacting with oxygen, of irradiated proteins. T. F. Ail'pova. Biokhimiia 32 no. 6 989-996 N-D '67.
- Noradrenaline and adrenalin effect on the membrane potential and the resistance of cell membranes of smooth muscles to direct electric current in solutions deprived of sodium and choline ions. P. G. Bogach, M. I. Klevets. Biokhimiia 32 no. 6 907-908 N-D '67.
- Nuclear magnetic resonance study of triacetin glycerol in solid state. V. I. Glazkov, I. V. Zolenev. Biokhimiia 32 no. 6 1088-1091 N-D '67.
- Operation of amperometric cells used for studying oxygen metabolism in biological objects. I. N. Bell, G. S. Bukina. Biokhimiia 32 no. 6 1043-1049 N-D '67.
- Origin of anomalous dielectric losses of the muscle in low frequency region. V. I. Potolnikov. Biokhimiia 32 no. 6 1002-1010 N-D '67.
- Possibility for electron microscopic determination of the position of guanine and cytosine in DNA. B. P. Ulanov, A. M. Serobriany, R. G. Kostianovskii. Dokl. AN SSSR 178 no. 2 474-475 S '67.
- Possible mechanism of the cooperative relationship in protein molecule. M. V. Vol'kenshtein. Dokl. AN SSSR 177 no. 1 208-210 N-D '67.
- Reaction of horizontal cells of the carp retina in the K-Na-activated adenosinetriphosphatase inhibited by ouabain. M. A. Ostrovskii, I. U. A. Trifonov. Biokhimiia 32 no. 6 1037-1042 N-D '67.
- Recording optic radiation of a nerve. V. V. Artem'ev, A. S. Goldobin, L. N. Gus'kov. Biokhimiia 32 no. 6 1111-1113 N-D '67.
- Relationship between ionic currents following critical depolarization of Ranvier's node membrane. E. I. Khodorov. Biokhimiia 32 no. 6 1050-1058 N-D '67.
- Repeated response of giant neuron soma in *Planorbis* corneus. I. S. Magura. Biokhimiia 32 no. 6 1011-1015 N-D '67.
- Structural and functional organization of the coordination system of leech "walking". O. D. Torenshkov. Biokhimiia 32 no. 6 1071-1074 N-D '67.
- Study of biopotential leaps during insertion of microelectrode into the vacuole of *Nitella mucronata* cells. I. N. Vorob'ov and others. Biokhimiia 32 no. 6 1016-1021 N-D '67.

551 GENERAL BOTANY, PLANT BIOLOGY

Biological characteristics of the upper and lower crown levels of apple trees with their own roots and grafted trees. I. V. Solov'eva, Vest. Mosk. un. Ser. Biol., pochv. 22 no. 6 91-95 N-D '67.

Changes in the chemical composition of soybean seeds affected by foliar phosphorus dressing. I. F. Belikov, R. A. Burtseva. Sel'khoz. biol. 2 no. 6 890-904 '67.

Composition of the fraction B of soybean globulins. A. D. Saitov, I. A. Vaintraub. Biokhimiia 32 no. 6 1220-1225 N-D '67.

Konstantinov, N. N. [Morphological and physiological fundamentals of the ontogeny and phylogeny of the cotton plant] Morfoloĭko-fiziologicheskie osnovy ontogeneza i filogeneza filopchatnitsa. Moskva, Nauka, 1967 289 p.

New type of regeneration of vegetative buds in cherry trees. A. I. Evstratov, Sel'khoz. biol. 2 no. 6 892-895 '67.

Phenology of the falling off of pine tree needles in the various types of habitat. M. K. Kupritanova, Uch. zap. Sverdlovsk. gos. ped. inst. no. 37 86-93 '68.

Physiological and biochemical changes in apple trees as affected by the incompatibility of grafting components. V. G. Leonchenko, Sel'khoz. biol. 2 no. 6 888-891 '67.

Qualitative composition of proteins of the growth zones of roots. L. H. Dudchenko, K. M. Sytnik. Dop. AN URSR Ser. B 29 no. 11 1024-1027 N '67.

581.1 PLANT PHYSIOLOGY AND METABOLISM

Aftereffects of defoliation on some physiological processes in cotton. A. Imamatov, K. Akbarov. Agrokhimia no. 9 69-73 '67.

Analyzing nutrition solutions used in plant growing by means of the AIP-2 apparatus. B. P. Konstantinov, O. V. Oshurkova. Agrokhimia no. 9 90-105 '67.

Changes in meristematic cells of the vegetative cone of the stem of germinating barley seeds. A. I. Kosova. Biol. opod. i get. kul't. rast. no. 4 200-202 '66.

Characteristics of age-related RNA metabolism changes in detached and intact plant leaves. O. N. Kulueva and others. Fiziol. rast. 14 no. 6 972-982 N-D '67.

Characteristics of respiration of water lily rootstock cuttings. B. A. Rubin, A. M. Roshchin. Fiziol. rast. 14 no. 6 1042-1047 N-D '67.

Characteristics of respiratory systems in conducting paths of the sugar beet. T. A. Palladina. Dokl. AN SSSR 176 no. 2 480-482 '67.

Characteristics of water balance in woody plants grown on lakebed sands along the Kara Kum Canal. M. Shirmamedov. Izv. AN Turk. SSR, Ser. biol. nauk no. 4 36-40 '67.

Chemiluminescence of chlorophyll and other pigments in photooxidation. A. A. Krasnovskii, F. F. Litvin. Mol. biol. 1 no. 5 699-712 S-O '67.

Composition of sap in various plant parts. G. V. Lebedev and others. Dokl. AN SSSR 176 no. 2 478-479 '67.

Conference on the physiology and biochemistry of sugar translocation and accumulation in sugar beets. M. V. Turkina, V. P. Kholodova. Fiziol. rast. 14 no. 6 1115-117 N-D '67.

Dehydration effect on the reaction of xanthophyll reduction. D. I. Sapozhnikov, A. G. Balaiova. Dokl. AN Tadzh. SSR 10 no. 9 57-59 '67.

Effect of auxin on the growth of discs from leaves of forage cabbage and nucleic acid content in them. V. V. Poleval and others. Dokl. AN SSSR 176 no. 1 216-219 S-O '67.

Effect of carbene on the metabolism of RNA, protein and nucleotides in wild oat seedlings. V. F. Ladonin, K. M. Svittser. Fiziol. rast. 14 no. 6 1017-1026 N-D '67.

Effect of defoliation on physiological processes in the fine-fiber cotton tree. A. B. Sopyev. Izv. AN Turk. SSR, Ser. biol. nauk no. 4 18-23 '67.

Effect of different illumination and CO₂ concentration on organic acid metabolism in rhubarb leaves. E. A. Titlanov, A. M. Stepanova, V. A. Chesnokov. Vest. LGU 22 no. 2 129-139 N '67.

Effect of gibberellin on photosynthetic phosphorylation process in isolated chloroplasts. N. I. Akushkina, G. S. Erdeli, N. G. Chugunova. Dokl. AN SSSR 176 no. 1 220-221 S-O '67.

Effect of inoculation on the amino acid composition of soybean bleeding sap. N. V. Sokorenko, I. G. Vyval'ko. Fiziol. rast. 14 no. 6 1027-1032 N-D '67.

Effect of light and gibberellin acid on the growth of pea internodes. M. Neskovic. Fiziol. rast. 14 no. 6 1006-1010 N-D '67.

Effect of some antimetabolites on the metabolism of polyphosphates and other phosphorus containing compounds in *Chlorella pyrenoidosa*. V. V. Pinevich, E. A. Belavskaya. Vest. LGU 22 no. 2 140-144 N '67.

Effect of succinic acid on plants. A. V. Blagoveshchenskii. Biol. MOIP Otd. biol. 72 no. 5 34-46 S-O '67.

Effect of ultrasonic waves on water and vitamin absorption by seeds. L. S. Makogon, K. E. Ovcharov. Fiziol. rast. 14 no. 6 1087-1092 N-D '67.

Kh. Kh. Entileev, V. K. Andriushchenko. Fiziol. rast. 11 no. 6 1080-1086 N-D '67.

Free amino acids content of tissues as an indicator of nitrogen supply to plants. V. V. Iskhimov, A. S. Zolotarev. Agrokhimia no. 9 107-115 S '67.

[Growth and cell differentiation in plants] Rost i kletchnaia differentsiatsiia rastenii. Moskva, Izd. AN, 1967. 179 p.

Isolation of chloroplasts from sugar beet leaves. A. I. Khodov, M. M. Khomlinskii. Uch. biokhim. zhurn. 33 no. 4 414-418 '67.

Mechanism of the effect of malic acid hydratase on growth and sugar accumulation in sugar beet leaves. O. A. Pavlinova, M. I. Ptasolova, E. A. Ivanova. Fiziol. rast. 11 no. 6 992-996 N-D '67.

Model of the photoperiodic mechanism in plants. N. S. Moshkov, S. L. Pumpyanskina, I. A. Pukhachenko. Fiziol. rast. 14 no. 6 983-991 N-D '67.

Photosynthetic unit: a "physical" or a "chemical" model? I. A. Tumennan, E. M. Seleznev. Mol. biol. 1 no. 5 628-630 S-O '67.

Physiological and genetic effect of methionine precursors in gametogenesis, fertilization and development of seeds. N. E. Zaitkovskii. Biol. opod. i get. kul't. rast. no. 4 193-199 '66.

Protective role of molybdenum against toxic action of aluminum on plants in acid soils. I. I. Bataeva, T. A. Akimochkina. Agrokhimia no. 9 17-19 '67.

Radiation resistance in plants and phylogeny. I. I. Preobrazhenskaya. Dokl. AN SSSR 177 no. 1 243-245 N-D '67.

Relation between the structure of anikfer and the reaction of the IIII reaction by them. A. S. Kupitov and others. Khim. v sel'khoz. 5 no. 10 220-231 '67.

Relationship between the frost resistance of grape varieties and the conditions of hardening. K. S. Pogonin, M. M. Savitskaya. Fiziol. rast. 14 no. 6 1064-1067 '67.

Role of amino acids in the process of defoliation. S. E. Zubkova. Agrokhimia no. 9 62-66 '67.

Simple polarographic determination of copper and zinc in plants. V. D. Bychkov, A. Kh. Bataeva. Agrokhimia no. 9 146-147 '67.

Some data on water balance and heat resistance in *Cerasus tomentosa* Thunb., *C. vulgaris* Mill., *C. fruticosa* Pall. and *C. nanchalensis* Fr. T. A. Taleanik, S. M. Ushakov. Fiziol. rast. 14 no. 6 1065-1070 N-D '67.

Structure of *Lactuca sativa* L. embryo and seedling. G. P. Bataeva. Vest. LGU 22 no. 2 105-113 N '67.

Studying the effect of some growth promoting substances on the development of winter wheat. T. M. Prutskova. Agrokhimia no. 9 74-78 '67.

Threshold of antifreezing temperature for the transfer of reaction of the photochemical into the chemical reaction of the pigment in dehydrated leaves. T. N. Gaiduk, M. A. Akulovich, V. I. Domash. Dokl. AN SSSR 177 no. 1 215-228 N-D '67.

Using organic coprecipitates for the concentration of the trace elements Co, Cu, Zn, and Mo when determining them in plants. L. P. Orlova. Agrokhimia no. 9 128-132 '67.

Water permeability of protoplasm in rooting buds of woody plants. K. A. Badanova, B. B. Vapartanian. Izv. AN SSSR 176 no. 2 476-477 '67.

581.1(575.1)—Uzbek S. S. R.

Physiology and biochemistry of plants in Uzbekistan. A. I. Imamatov, R. R. Rakhmanov. Uzb. biol. zhurn. 11 no. 5 22-27 '67.

581.2 PLANT DISEASES, INJURIES, MALFORMATIONS, PESTS

Effect of inoculation on the amino acid composition of soybean bleeding sap. N. V. Sokorenko, I. G. Vyval'ko. Fiziol. rast. 14 no. 6 1027-1032 N-D '67.

Plant physiology at the Moscow University. S. S. Anisimov. Vest. Mosk. un. Ser. Biol., pochv. 22 no. 6 112-119 N-D '67.

Protective action of glycerin and other easily penetrable substances into protoplasm during freezing of plant cells. G. A. Samygin, N. M. Matveeva. Fiziol. rast. 14 no. 6 1048-1050 N-D '67.

Specificity of antigens in the cycle of cellular transformations in a tobacco tissue culture. R. G. Ruzenko, A. D. Volodarskii. Fiziol. rast. 14 no. 6 995-997 N-D '67.

Summary of the work of the Laboratory of Biological Development of Plants. F. M. Kuperman, E. I. Rzhavova. Vest. Mosk. un. Ser. Biol., pochv. 22 no. 6 60-66 N-D '67.

581.2(575.1)—Uzbek S. S. R.

Activity of the proteolytic enzyme phytin in leaves of some fig varieties grown in the Uzbek S. S. R. V. I. Solov'ev, I. U. A. Akhmedov. Prikl. biokhim. i mikrobiol. 3 no. 6 608-703 N-D '67.

581.3 EMBRYOLOGY

Allergy to plant pollen. F. F. Lukmanova, N. V. Madunitsay, A. A. Polner. Usp. sov. biol. 64 no. 3 455-478 N-D '67.

58 BOTANY

Atmospheric education of students of botany classes in the 5th 6th grades. N. N. Mitrofanova. Uch. zap. Kal. gos. ped. inst. 59 100-114 '67.

58(479 224)—Abkhaz A. S. S. R.

Sukhumskii botanicheskiy sad (The Sukhum Botanical Garden, a guidebook) Pulevoditel', Tbilisi, Metsnereba, 1967 55 p.

58(575)—Central Asia

Radioactivity of plants in the Fergana Valley. A. A. Kan, V. I. Burakova. Uzb. biol. zhurn. 11 no. 5 50-52 '67.

- 581.3 (Continued)
- Characteristics of mitotic cycles at different stages of embryogenesis. A. K. Dondua. *Tsitologiya* 9 no. 9 1057-1071 S '67
- Development of pollen grains and the growth of pollen tubes in corn. A. I. Litvak, S. M. Kolosnikov. *Biol. oplođ. i get. kul't. rast.* no. 117-118 '66
- Differences in developing cotton seeds as related to their position in the boll. G. V. Kamalova, N. M. Poliantseva. *Uzb. biol. zhur.* 11 no. 5 64-68 '67
- Effect of radiation on the synthesis of ribosomal and DNA-like RNA from seed embryos. V. I. Tokarskaya, S. R. Umanskii, A. M. Kuzin. *Dokl. AN SSSR* 177 no. 1 211-213 N-D '67
- History of the Department of Embryology at the Moscow University. V. V. Popov. *Vest. Mosk. un. Ser. Biol., pochv.* 22 no. 6 42-45 N-D '67
- Physiological and genetic effect of metabolism processes in gametogenesis, fertilization and development of seeds. N. E. Zaitkovskaya. *Biol. oplođ. i get. kul't. rast.* no. 4 193-199 '66
- Role of the processes of incomplete decomposition of the living matter for the biology of gametogenesis and embryogenesis of higher plants. Report No. 1. Biology of microsporangia. S. M. Kolesnikov. *Biol. oplođ. i get. kul't. rast.* no. 4 3-91 '66
- Study of corn pollen with cytoplasmic male sterility. L. I. Orel. *Genetika* no. 12 3-11 D '67
- Study of some cytogenetic problems in cultivated prunes. E. M. Kotoman. *Biol. oplođ. i get. kul't. rast.* no. 4 184-192 '66
- Study of the biology of gametogenesis and embryogenesis in apple tree. V. V. Krylova. *Biol. oplođ. i get. kul't. rast.* no. 4 159-183 '66
- 581.4 MORPHOLOGY
- [Meadow and swamp vegetation in the Lithuanian S. S. R.] *Nastitel'nost' lugov i nizinykh bolot Litovskoi SSR* V. J. Vaitkus, 1967. 162 p.
- Sorting seed grain by specific weight using the method of jigging in a fluidized stream. A. Kh. Dzhalilov. *Dokl. MIUSP* 3 no. 1 121-128 '66
- Sorting seeds on a centrifugal vibration apparatus. T. M. Soboleva. *Dokl. MIUSP* 3 no. 1 147-149 '66
- Studying the sorting of seed grain by specific weight in an inclined fluidized stream. A. Kh. Dzhalilov. *Dokl. MIUSP* 3 no. 1 115-120 '66
- Technology of harvesting seed grasses with preliminary drying before threshing and rubbing. V. M. Solov'ev, G. F. Seryi, G. S. Kuklin. *Dokl. MIUSP* 3 no. 1 75-78 '66
- 581.5 ECOLOGY
- Second All-Union Symposium on physiological and biochemical principles of the formation of plant communities (phytocoenoses). L. Kokhanova. *Dop. AN URSS. Ser. B* 29 no. 11 1049-1050 N '67
- 581.5 (471.21)—Murmansk Province
- [Migration of plants into the Arctic regions] *Pereselenie rastenii na polarnyi sever. Leningrad, Nauka.* Pl. 2. [Plant introduction results from 1932 to 1958] *Rezultaty introduktsionnykh rabot v 1932-1958 gg.* 1967. 275 p.
- 581.5 (571.53)—Irkutsk Province
- Annual autotrophic production of phytoplankton in Lake Balkal. K. K. Volintsev, G. I. Popovskaya. *Dokl. AN SSSR* 176 no. 1 205-208 S-O '67
- 581.6 (282.25)—Asian rivers
- [Plant resources of the lower reaches of Amu Darya] *Nastitel'nyy resursy nizov'ev Amudarii. Tashkent, Fan, 1967. 192 p.*
- 581.6 (571)—Asiatic R. S. F. S. R.
- [Useful plants of the original flora of Siberia] *Poleznye rastenita prirodnoi flory Sibiri. Otv. redaktora K. A. Sobolevskaya. Novosibirsk, Nauka, 1967. 279 p.*
- 581.8 PLANT HISTOLOGY
- Characteristics of some cells and nuclei of the connective and filament of the stamen in corn. V. K. Simonenko. *Biol. oplođ. i get. kul't. rast.* no. 4 92-97 '66
- Determination of viability of leaf parenchyma based on photolysis of chloroplasts. A. G. Lomagin, T. A. Antropova, L. V. Semenikhina. *Fiziol. rast.* 14 no. 6 1071-1078 N-D '67
- Histochemical study of anthers of fertile and sterile pollen forms of sunflower. M. N. Pirev. *Biol. oplođ. i get. kul't. rast.* no. 4 98-116 '66
- Localization of 2, 4-D in corn and sunflower leaf cells. V. A. Zemakova, I. V. Rakitin. *Fiziol. rast.* 14 no. 6 1011-1016 N-D '67
- Methods for isolating chloroplasts in a nonaqueous medium. L. A. Filippova. *Fiziol. rast.* 14 no. 6 1107-1113 N-D '67
- Pathways of the regulation of excessively absorbed ions in plant tissues, as exemplified by sodium ions. V. A. Solov'ev. *Fiziol. rast.* 14 no. 6 1093-1103 N-D '67
- Protective action of glycerin and other easily penetrating substances into protoplasts during freezing of plant cells. G. A. Samygin, N. M. Matveeva. *Fiziol. rast.* 14 no. 6 1048-1056 N-D '67
- Specificity of antigens in the cycle of cellular transformations in a tobacco tissue culture. R. G. Butenko, A. D. Volodarskii. *Fiziol. rast.* 14 no. 6 965-971 N-D '67
- Study of phosphorescence of some tissues by phosphorescence microscopy method. I. A. S. Poliakov, A. S. Lagunov. *Dokl. AN SSSR* 176 no. 1 209-211 S-O '67
- 581.9 PHYTOGEOGRAPHY
- A conference on the problems of biogeocoenology. A. G. Voionov, V. F. Maksimova. *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 4 121-122 JI-Ag '67
- 581.9 (479)—Caucasus and Transcaucasia
- Ways and time of the migration of Crimean-Caucasian species to the Russian Plain and subsequent changes in the ranges related to the evolution of landforms. G. E. Grosset. *Biol. MOP. Old biol.* 72 no. 5 47-76 S-O '67
- 581.9 (571)—Asiatic R. S. F. S. R.
- The nature of vegetation as an indicator of permafrost conditions. G. G. Lazukova. *Vest. Mosk. un. Ser. 5 Geog.* 22 no. 4 54-58 JI-Ag '67
- Vegetation dynamics and permafrost development in the floodplains of the northern taiga rivers in Western Siberia. A. P. Tyrtikov. *Vest. Mosk. un. Ser. Biol., pochv.* 22 no. 6 84-90 N-D '67
- 581.9 (571.15)—Altai Territory
- Iodine in the Chaicae of the lakes of the Altai Mountain region. B. A. Makarchukin and others. *Izv. Al. otd. Geog. ob-va SSSR* no. 6 87-88 '65
- 581.9 (571.6)—Soviet Far East
- Phytogeography of the Pacific coast of Eastern Siberia; as related to the migration and evolution of flora in the Pacific Area. L. I. Malyshev, L. V. Bardunov. *Dokl. Inst. geog. Sib. i Dal'. Vost.* no. 12 17-51 '66
- 581.9 (575.1)—Uzbek S. S. R.
- The types of habitat in the deserts of Uzbekistan. S. P. Ratkovskii. *Izv. Uzb. geog. ob-va* 6 26-34 '64
- 582 PLANT TAXONOMY
- Increase in the resistance of sunflower to broomrape by grafting it to Jerusalem artichoke. L. K. Minchev. *Sel'khoz. biol.* 2 no. 6 947-950 '67
- 582 (575.4)—Turkmen S. S. R.
- Critical review of genus *Crataegus* species in the collection of the Botanical Garden of the Academy of Sciences of the Turkmen S. S. R. Kh. Esenova. *Izv. AN Turk. SSR. Ser. biol. nauk* no. 4 41-44 '67
- Significance of the relationship between carbon and nitrogen in the medium for carotenoid biosynthesis by *Sporobolomyces roseus* 362. T. S. Bobkova, I. L. Rabotnova. *Mikrobiologiya* 36 no. 6 947-952 N-D '67
- 582.2 SPORE PLANTS
- Actinomyces atroolivaceus*, a new producer of mythramycin. G. F. Gauze and others. *Antibiotiki* 12 no. 12 1059-1061 D '67
- Aspergillus* in clinical and bacteriological aspects; based on materials of Soviet and foreign literature. I. R. Dorozhko. *Probl. tub.* 45 no. 7 81-86 '67
- Determining amino acid composition of yeast protein by the paper chromatography method. Trudy Inst. khim. nauk. AN Kazakh. SSR 19 130-142 '67
- Determining dissolved oxygen in inoculators of fodder yeast. M. I. Goriaev, L. I. Trotyakov, M. G. Pugachev. *Trudy Inst. khim. nauk. AN Kazakh. SSR* 19 136-138 '67
- Effect of ionizing radiations on the biosynthesis of lipids in yeast. G. A. Larikova, R. D. Gal'isova. *Mikrobiologiya* 36 no. 6 953-957 N-D '67
- Effect of some antimetabolites on the metabolism of polyphosphates and other phosphorus containing compounds in *Chlorella pyrenoidosa*. V. V. Pivovarov, E. A. Bellayskaya. *Vest. LGU* 22 no. 21 140-144 N '67
- Effect of thiamine content in the nutrient medium of *Saccharomyces cerevisiae* on its absorption and synthesis. I. U. M. Parkhomenko, R. V. Chahovets. *Ukr. biokhim. zhur.* 30 no. 4 438-443 '67
- Identification of *Penicillium citrinum* No. 16 produced toxin and the study of its herbicidal properties. T. G. Mirchinsk, V. S. Blagoveshchenskii, V. A. Fedorov. *Mikrobiologiya* 36 no. 6 1036-1040 N-D '67
- Isolation and some properties of hydrocarbon oxidizing yeasts of the genus *Torulopsis*. S. G. Kharat'ian, N. S. Kuristov, R. S. Sakhatov. *Izv. AN Turk. SSR. Ser. biol. nauk* no. 4 90-93 '67
- Lipophilous and hydrophilous forms of chlorophylls a and b and characteristics of their metabolism in a synchronous *Chlorella* culture. A. A. Shlyk, S. A. Mikhailova. *Dokl. AN SSSR* 177 no. 1 236-239 N-D '67
- Multi-component cellulolytic enzymes of thermophilic and mesophilic fungi related to *Aspergillus fumigatus*. L. G. Loginova, Zh. Tashpulatov. *Mikrobiologiya* 36 no. 6 988-992 N-D '67
- Polymorphism of spores in *Lycopodium selago* var. *apressum* Desv. A. A. Koiubkov, V. R. Filin. *Vest. Mosk. un. Ser. Biol., pochv.* 22 no. 6 76-83 N-D '67
- Polynucleotide peptide complex isolated from *Chlorella vulgaris*. M. A. Pushova, L. M. Gerasimenko. *Mikrobiologiya* 36 no. 6 1004-1009 N-D '67
- Polysaccharides in yeasts of different radiosensitivity. M. G. Saubanova, T. S. Remezova. *Mikrobiologiya* 36 no. 6 1004-1009 N-D '67
- Primary structure of valine tRNA of baker's yeast. A. A. Baev and others. *Mol. biol.* 1 no. 5 754-766 S-O '67
- Red pigment of adenine-deficient *Saccharomyces cerevisiae* mutant. M. N. Smirnov and others. *Mol. biol.* 1 no. 5 639-647 '65
- Science of diatoms at Leningrad University. V. S. Sheshukova-Poretakina. *Vest. LGU* 22 no. 21 20-28 N '67
- Study of biopotential leaps during insertion of microelectrode into the vacuole of *Nitella mucronata* cells. L. N. Voinob'ev and others. *Biofizika* 12 no. 6 1016-1021 N-D '67
- 582.2 (479.24)—Azerbaijan S. S. R.
- Biological control of filamentous algae in ponds of sturgeon hatcheries. M. K. Askarov. *Za tekh. prog.* 7 no. 10 15-16 O '67
- 582.2 (571.64)—Sakhalin Province
- Materials on Neogene diatom algae of the southern Kurile Islands. T. F. Kozyrenko, V. S. Sheshukova-Poretakina. *Vest. LGU* 22 no. 21 88-104 N '67
- 582.2 (575.1)—Uzbek S. S. R.
- Summary of advances and future studies of spore-bearing plants in Uzbekistan. A. M. Muzaferov and others. *Uzb. biol. zhur.* 11 no. 5 41-45 '67
- 582.4 SEED PLANTS
- Study of substances contained in essential oils. Report No. 32. Composition of essential oil of *Perovskia acropolariaefolia* Bge. T. E. Serkebaeva, A. D. Demblitkii, M. I. Goriaev. *Trudy Inst. khim. nauk. AN Kazakh. SSR* 19 110-116 '67
- 582.4 (574)—Kazakh S. S. R.
- Study of substances contained in essential oils. Report 33. Composition of essential oil of *Juniperus turkestanica*. M. I. Goriaev and others. *Trudy Inst. khim. nauk. AN Kazakh. SSR* 19 103-109 '67
- 582.4 (575)—Central Asia
- New alkaloid-bearing plants from the family Boraginaceae. T. Adylov, E. B. Korotkova, K. Taizhanov. *Uzb. biol. zhur.* 11 no. 5 46-49 '67
- 582.4 (575.4)—Turkmen S. S. R.
- Juniperus turcomanica* B. Fedtsch, as raw material for the pharmaceutical industry of Turkmenia. M. O. Karyev. *Izv. AN Turk. SSR. Ser. biol. nauk* no. 4 80-84 '67
- 59 (41)—United Kingdom and Northern Ireland
- Marine biological laboratory in Plymouth, A. A. Kirpichnikov. *Usp. sov. biol.* 64 no. 3 470-483 N-D '67
- 59 (470.22)—Georgian S. S. R.
- Some agricultural minerals of Georgia and their future use for increasing the fertility of moist subtropical soils. O. V. Narchemashvili, A. F. Beridze. *Agroklimat* no. 12 78-86 D '67
- 591.1 ANIMAL PHYSIOLOGY
- Ammonia formation in the stomach muscle and its possible sources. H. I. Sylekova, H. M. Bekir-zade. *Ukr. biokhim. zhur.* 30 no. 4 386-392 '67
- Annual cycles of biogenetic adaptations to living conditions in 16 *Passeriformes* species. V. R. Dol'nik. *Trudy Zool. inst.* 40 115-163 '67
- Changes in energy deposition (fats) in some passerine birds of the Kurskaya Kosa as related to their participation in migration. T. I. Blumental. *Trudy Zool. inst.* 40 164-202 '67
- Comparative physiology of higher nervous activity and analyzers in ruminants. A. A. Kudriavtsev and others. *Trudy VNIIFB* 3 223-228 '66
- Content of free amino acids, proteins, and protein fractions in the blood plasma of the swine of various ages and breeds. G. P. Atamushkin. *Trudy VNIIFB* 3 351-359 '66
- Cultivation and some enzymes of the infusorian *Ophryoscoleus caudatus tricornatus* inhabiting in the rumen of sheep. M. D. Pomaznina. *Trudy VNIIFB* 3 174-178 '66
- Effect of prolactin on carbohydrate metabolism in the mammary gland. A. F. Orlov. *Trudy VNIIFB* 3 228-231 '66
- Electrophysiological characteristics of the motor activity of the complex stomach in cattle. A. N. Trusov. *Trudy VNIIFB* 3 82-88 '66
- Energy metabolism and body temperature regulation in farm animals. A. P. Kostin, K. G. Sukhomlin. *Trudy VNIIFB* 3 292-307 '66

- Functional interaction of the digestive system with other systems of the organism E. M. Fedin, Trudy VNIIB 3 169-173 '66.
- Higher nervous activity in horses. G. V. Parshutov, D. I. Rumyantseva, Trudy VNIIB 3 220-237 '66.
- Indices of nitrogen metabolism in the rumen and the blood of the ruminants of various butterfat contents A. I. Maslobek, Trudy VNIIB 3 308-320 '66.
- Isoneceptor transfer RNA of rabbit reticulocytes. M. I. Kovalenko, H. Kh. Matsuka, E. B. Skvits'ya, Ukr. biokhim. zhur. 39 no. 4 389-402 '67.
- Lactic acid metabolism in the rumen of ruminants. N. G. Portnova, N. V. Kurilov, Trudy VNIIB 3 129-140 '66.
- Materials on the study of the mechanism of the reflex regulation of the motor activity of the digestive tract in sheep F. A. Meshcheriakov, Trudy VNIIB 3 184-190 '66.
- Mechanism of the nervous regulation of the secretory activity and trophic function of stomach glands R. S. Safarov, Trudy VNIIB 3 206-222 '66.
- Metabolism of carbohydrates and low molecular fatty acids in the wall of the digestive canal in ruminants studied by the angiotonic method P. F. Soldatenkov, Trudy VNIIB 3 115-128 '66.
- Motor activity of the omasum in cattle. I. P. Salmin and others, Trudy VNIIB 3 46-58 '66.
- New data on the reflex regulation of lactation I. A. Bayashnikov, Trudy VNIIB 3 269-287 '66.
- Peptic activity in the stomach, blood and urine of greater gerbils and white rats as related to the moisture of food. A. I. Azgulyev, Izv. AN Turk SSR, Ser. biol. nauk no. 4:86-88 '67.
- Protein fractions of the blood serum of the cattle of high and low milk productivity A. P. Sadokova, N. D. Bobovskaya, Trudy VNIIB 3 347-350 '66.
- Quantitative characteristics of the rumen and intestinal digestion. A. I. Abiev, Trudy VNIIB 3 150-158 '67.
- Reaction of A'-neurosecretory cells of silkworms to starvation during facultative nutrition A. A. Panov, Dokl. AN SSSR 176 no. 1 195-198 S-O '67.
- Reflexes from the mammary gland to the thyroid gland. G. I. Azimov, G. P. Belugina, A. F. Orlov, Trudy VNIIB 3 262-268 '66.
- Relationship of fat deposition to bird migration. V. R. Dol'nik, Trudy Zool. inst. 40 96-114 '67.
- Role of the rumen epithelium in the metabolism of volatile fatty acids N. V. Kurilov, N. A. Sevast'yanova, Trudy VNIIB 3 141-146 '66.
- Secretion of the bile in sheep. D. K. Kulmov, Trudy VNIIB 3 89-102 '66.
- Secretory activity of pancreas in sheep. D. K. Kulmov, Trudy VNIIB 3 103-114 '66.
- Some problems of amino acid metabolism in ruminants and swine A. A. Zhyravel', Trudy VNIIB 3 332-339 '66.
- Some results of studying the digestion of ruminants in the ontogeny P. I. Zherchisov, Trudy VNIIB 3 334-45 '66.
- Studying the activity of the general dehydration and functional state of the thyroid gland in chickens fed methionine and glycine. V. I. Mikhailov, Trudy VNIIB 3 360-364 '66.
- Studying the effect of some trace elements on the organism of sheep in the Sulak Lowland of Dagestan. A. A. Alievichev, G. I. Gusev, Trudy VNIIB 3 360-377 '66.
- Synthesis of proteins in the rumen of cattle from the nitrogen of canthamide A. I. A. Gagarova, Trudy VNIIB 3 384-388 '66.
- Ultrastructure of muscle fibers of the lymph heart in frog P. P. Rumiantsev, I. A. Shmantsev, TSitologiya 9 no. 9 1129-1136 S '67.
- Zone of maximum excitability and its relation to the strength-duration curve. P. O. Makarov, V. D. Lovitskii, Trudy VNIIB 3 255-261 '66.
- 501.2 ANIMAL DISEASES, INJURIES, MALFORMATIONS, ETC
- Effect of various doses of γ -aminobutyric acid, adrenalin and insulin on coagulability, prothrombin time and prothromboplastin activity in the rat blood. K. G. Karagezian, S. S. Saakian, Ukr. biokhim. zhur. 39 no. 4 424-429 '67.
- Importance of rumen digestion in the process of metabolism and the formation of ketosis in productive cows. P. S. Polukhin, Trudy VNIIB 3 191-205 '66.
- Nucleic acid content and nuclease activity in cell fractions of the tumorous rat liver. A. D. Skrydchenko, Ukr. biokhim. zhur. 39 no. 4 403-411 '67.
- Proteins of muscular tumors and muscles in rat embryos. E. V. Smirnova, V. B. Spiridonova, Ukr. biokhim. zhur. 39 no. 4 393-398 '67.
- Reactivity of the organism after injury of cerebral cortex M. I. Rafiki, Trudy VNIIB 3 230-254 '66.
- 501.2 (575.1)—Uzbek S. S. R
- Take care of the breeding stock. S. Vakhidov, A. Dzhabbarov, Ikoni, 1 zhizni 8 no. 12 53 D '66.
- 501.3 EMBRYOLOGY
- Effect of diaminomonocarboxylic acids on the development of hen embryos and the formation of sex. L. M. Zhmurin, Trudy VNIIB 3 364-368 '66.
- Homocyte differentiation in the embryogeny of Eurygaster integriceps Put. E. N. Polivanova, Dokl. AN SSSR 176 no. 1 230-232 S-O '67.
- Krivoshchina, N. P., and B. M. Mamaev. [A guide to the larvae of Diptera living in wood] Opredelitel' lichinok dvukrylykh nasekomykh - obitatelei drevesiny Moskva, Nauka, 1967 366 p.
- Proteins of muscular tumors and muscles in rat embryos. E. V. Smirnova, V. B. Spiridonova, Ukr. biokhim. zhur. 39 no. 4 393-398 '67.
- 501.4 ANATOMY
- Comparative evaluation of the hind-milking sphincter of the teat of cow's udder. I. U. S. Karavaev, Dokl. MISP 3 no. 1 225-228 '66.
- Cytophotometric study of DNA content in the cerebral cortex nerve cell nuclei in normal rats and following injection of RNA into the brain K. I. U. Reznikov, Dokl. AN SSSR 176 no. 2 449-451 S '67.
- Effect of lobeline on noradrenalin and serotonin content in the dog brain. L. H. Tomalina, Ukr. biokhim. zhur. 39 no. 1 360-365 '67.
- Innervation of femoral muscles in some lower invertebrates. H. B. Arkharov, V. I. Shkurko, Dop. AN URSSR, Ser. B 29 no. 11 1028-1030 N '67.
- Krivoshchina, N. P., and B. M. Mamaev. [A guide to the larvae of Diptera living in wood] Opredelitel' lichinok dvukrylykh nasekomykh - obitatelei drevesiny Moskva, Nauka, 1967, 366 p.
- Morphology of the synapses of intramural neurons in the urinary bladder of bony fishes. S. G. Kul'kin, Dokl. AN SSSR 176 no. 2 446-448 S '67.
- Nature of ramifications and nerve endings in the wrist joint capsule of some mammals M. M. I. Pienko, Dop. AN URSSR, Ser. B 29 no. 11 1031-1034 N '67.
- Oxygen consumption by the brain of white rats in various nutrient media N. F. Evadokovskaya, A. D. Komova, Ukr. biokhim. zhur. 39 no. 4 357-359 '67.
- Physiological characteristics of the auditory system in bats based on reactions to ultrasonic signals. A. G. Vasil'ev, D. P. Matyushkin, Fiziol. zhur. 53 no. 12 1407-1413 D '67.
- Physiology of diapause in insects A. M. Imme, Bul. MOIP, Otd. biol. 72 no. 5 117-137 S-O '67.
- Relationship of bird wing shape to the distance of passage. R. L. Potapov, Trudy Zool. inst. 40 218-230 '67.
- 501.5 ECOLOGY
- Behavior and reproductive function in animals Report No. 3 Significance of the selection as to the behavior for animal response to some seasonal factors of the environment. D. K. Beifaz, I. N. Tsut. Bul. MOIP Otd. biol. 72 no. 5 108-116 S-O '67.
- Diapause in *Podocis ruficornis* L. larvae and its relationship to external conditions. Report No. 1 Relationship between exogenous and endogenous factors in the regulation of larval diapause. V. N. Belozorov, Ent. obozr. 46 no. 4 760-768 '67.
- Some basic problems of ethology. K. E. Fabri, Bul. MOIP Otd. biol. 72 no. 5 138-145 S-O '67.
- Some results of the study of zooplankton of the Southern Ocean. N. M. Voronina, Okeanologiya 6 no. 4 691-699 '68.
- 501.5 (202.5)—Black Sea
- Recent stocks and distribution of oysters (*Ostrea taurica* Krum) in the Black Sea. A. I. Ivanov, Okeanologiya 6 no. 4 695-701 '66.
- 501.5 (265)—Pacific Ocean
- Characteristics of the distribution of the northern shrimp (*Pandalus borealis* Kr.) in the Bering Sea and the Gulf of Alaska. B. G. Ivanov, Okeanologiya 7 no. 5 920-926 S-O '67.
- Quantitative distribution of euphausiids of the Pacific Ocean. L. A. Ponomareva, Okeanologiya 6 no. 4 690-692 '66.
- 501.5 (471.311)—Moscow Province
- Animals on pasture biocenoses of the northern forest steppe. V. V. Grudzev, Vest. Mosk. un. Ser. Biol., pochn. 22 no. 6:84-87 N-D '67.
- 501.5 (571.15)—Altai Territory
- Ecology of some species of snails in the upper Ob' Valley. A. P. Kuchin, Izv. Akad. Nauk, obshch. i prikl. biol. 6 64-66 '65.
- 501.5 (58)—West and North Central Africa
- Effect of oceanographic conditions on the distribution of Atlantic antfish (*Histiogobius americanus*) along the coasts of western Africa. V. V. Ovchinnikov, Okeanologiya 6 no. 4 693-694 '66.
- 501.8 ANIMAL HISTOLOGY
- Age-related changes in substantial properties of the nerve and muscle tissues of saurel. R. F. Fedakchina, TSitologiya 9 no. 9 1160-1162 S '67.
- 501.9 (438)—Poland
- Conservation of natural resources and biogeography of Poland. A. G. Voronov, Vest. Mosk. un. Ser. 5 Geog. 22 no. 1 40-44 JI-ag '67.
- 501.9 (471.341)—Gorky Province
- Zoogeographical characteristics and zoning of Gorky Province. E. M. Vorontsov, Uch. zap. GGU no. 75 1 13 '66.
- 501.9 (5)—Asia
- Reasons for the absence of the endemic forms of maize fauna in the area of the Pacific coasts of Southeast Asia. G. U. Lindberg, Dokl. Inst. Geogr. Sib. i Dal'. 1 1 12 52-63 '66.
- 501.9 (571.151)—Gorno-Altai Autonomous Province
- Distribution of birds in biotopes according to the character of their nesting in the eastern part of the Chulyshman Plateau. E. A. Irinov, Izv. Akad. Nauk, obshch. i prikl. biol. 6 58-63 '65.
- 501.9 (575.1)—Uzbek S. S. R.
- Problems of showing the distribution of animals on the school map "Natural conditions of the Uzbek S. S. R." L. P. Levashova, Izv. Uzb. geogr. obshch. 9 88-95 '64.
- 502 INVERTEBRATA
- Cause for the diurnal ascent of sea fish feeding on plankton to the upper layers of water. S. G. Zussner, Ryb. khoz. 43 no. 12 26-21 '67.
- Effect of a magnetic field on unicellular infusorians (*Paramecium caudatum* L.). M. A. Dolgopolskii, I. S. Mendel'tsev, L. V. Vladimirov, Biofizika 12 no. 6 1109-1113 N-D '67.
- Innervation of femoral muscles in some lower invertebrates. H. B. Arkharov, V. I. Shkurko, Dop. AN URSSR, Ser. B 29 no. 11 1028

- Nature of ramifications and nerve endings in the wrist joint capsule of some mammals. M. M. Ilyenko. *Dop. AN USSR Ser. B* 29 no. 11:1031-1034 N '67.
- Notes on bird lice (Mallophaga) from kulan and bisons. D. I. Blagoveshchenski. *Ent. obozr.* 46 no. 4:860-863 '67.
- 599(471.23)—**Leningrad Province**
Distribution and ecology of garden dormouse in Leningrad Province. A. E. Atrapetians. *Vest. LGU* 22 no. 21:62-69 N '67.
- 599(471.341)—**Gorkiy Province**
Food of murine rodents. V. I. Kozlov, N. G. Tukhsanova. *Uch. zap. GGU* no. 75:117-128 '66.
- 599(571.15)—**Altai Territory**
Dialect vocabulary of maral breeding. V. N. Bogdanov. *Izv. Akad. Nauk SSSR* no. 6:98-111 '65.
- 599(575.4)—**Turkmen S.S.R.**
Subfamily turkmenica nov. sp. (Oxyuridae, Suburidae), a new nematode from jerboas of Turkmenia. I. A. Babayev. *Izv. AN Turk SSR. Ser. biol. nauk* no. 4:84-86 '67.
- 599(58)—**Arctic and North Polar regions**
On ice again. L. A. Popov. *Priroda* no. 11:112-115 N '67.
- 6. APPLIED SCIENCES. MEDICINE. TECHNOLOGY**
- 608 **INVENTIONS. PATENTABLE DISCOVERIES. TRADEMARKS**
Characteristics of patent documentation. R. P. Vekherashnii. *NTI. Ser. 1* no. 3:3-8 '67.
- Conducting an inspection of work in efficiency promotion, invention and patent licensing in the enterprises and organizations of the Ministry of Coal Industry of the U.S.S.R. in honor of the 50th anniversary of Soviet government. *Ugol'* 42 no. 8:78-77 Ag '67.
- Creative initiative of the masses and its role in accelerating technological progress. M. Kvitinskaya. *Trudy INKh* no. 44:42-53 '67.
- Disputes concerning remuneration for inventions and efficiency suggestions. I. Zenin. *Sov. iust.* no. 23:16-17 D '67.
- Figures from a notebook. I. Titova. *Izobr. i rats.* no. 10:27 O '61.
- From the inventor's and efficiency promoter's notebook. *Izobr. i rats.* no. 10:36 O '61.
- A good example is contagious. A. Vengerov, V. Antonov. *Izobr. i rats.* no. 10:29-30 O '61.
- In every rural region. I. Solodovnikov. *Izobr. i rats.* no. 10:28-29 O '61.
- [Inventions, industrial samples, trademarks] *Izobr. i rats.* no. 10:23-24 O '61.
- Our reader. *Izobr. i rats.* no. 10:32-33 O '61.
- Those looking ahead. G. Porozhenko. *Izobr. i rats.* no. 10:25-26 O '61.
- Toward new goals. *Izobr. i rats.* no. 10:4-5 O '61.
- Try it yourself. *Sel. stroi.* 21 no. 12:23-24 D '66.
- Twelfth, communist oil field. R. Shapiro. *Izobr. i rats.* no. 10:6-7 O '61.
- We are following the road of communism. V. Ivanov. *Izobr. i rats.* no. 10:2-3 O '61.
- What is written by the pen. I. Kuznetsov, V. Lushanov, G. Razbegayev. *Izobr. i rats.* no. 10:30 O '61.
- 608(571)—**Asiatic R.S.F.S.R.**
The movement of efficiency promoters and inventors during the seven-year plan; based on materials of the industrial enterprises of Novosibirsk, Omsk, and Irkutsk Provinces. N. S. Belyi. *Izv. SO AN SSSR Ser. obshchestv. nauk* no. 6:130-134 My '67.
- 61 MEDICAL SCIENCES. HEALTH AND SAFETY**
[Calendar of the subprofessional medical worker for 1968] *Kalendar' svednogo meditsinskogo rabotnika na 1968 god*. Pod obshch. red. V. V. Kovanova. Moskva, Meditsina, 1967. 534 p.
(DNLN)
- Creating love for their profession. N. A. Mednikova, V. F. Moskalenko. *Sred. spets. obr.* 13 no. 11:33-34 N '66.
- Index of Soviet literature on medical radiology published in the second half of 1965. I. A. Astakhov. *Med. rad.* 12 no. 12:82-86 N '67.
- [Little Medical Encyclopedia] *Malina meditsinskaya entsiklopediya*. Otv. redaktor V. Kh. Vasilenko. Moskva, Sov. Entsiklopediya.
Vol. 7. [Poisonings - Polyuria] *Otravleniya - Poliuriya*. 1967. 1109 p.
- [Medical abstracts] *Med. ref. zhur.* sect. 1 vol. 11 nos. 11-12 N-D '67. Sect. 2 vol. 11 no. 12 D '67. Sect. 3 vol. 11 no. 11 N '67. Sect. 4 vol. 11 no. 12 D '67. Sect. 5 vol. 11 no. 11 N '67. Sect. 6 vol. 11 no. 12 D '67. Sect. 7 vol. 11 no. 12 D '67. Sect. 8 vol. 11 no. 11 N '67. Sect. 9 vol. 11 no. 12 D '67. Sect. 10 vol. 11 no. 11 N '67. Sect. 11 vol. 11 no. 11 N '67.
- Scientific atheistic education of students in the curriculum of human anatomy, physiology and hygiene. A. D. L. Uch. zap. ped. inst. Gerts. 276:308-316 '65.
- Slonimskaya, I. A. M. F. Vladimirovskiy. Moskva, Meditsina, 1967. 50 p. (Vydavchestska delateli otechestvennoy meditsiny i zdravookhraneniya)
- Towards the glorious anniversary. *Med. tekhn.* 1 no. 5:5-7 S-O '67.
- [Transactions of the Turkmen State Medical Institute] *Trudy Turk. gos. med. inst.* 12 no. 2 '64.
(DNLN)
- 61(575.1)—**Uzbek S.S.R.**
Dzhuraeva, A. O. [Tashkent Medical Institute, 1919-1964] *Tashkentskiy meditsinskii institut (1919-1964)*. Tashkent, Meditsina UzSSR, 1966. 101 p.
- 611 ANATOMY**
Clinical forms of rheumatic cardiac defect in anatomical aspects. G. A. Cherkova. *Grud. khir.* 9 no. 6:46-50 N-D '67.
- Comparative plasticity of the arterial bed of some visceral organs in vitro. I. U. P. Mel'nik, I. U. Q. Maksymuk, M. H. Shevchuk. *Dop. AN USSR Ser. B* 29 no. 11:1034-1038 N '67.
- Comparison of the characteristics of cytoarchitectonics and neuronal organization of the cortex in first and second somatosensory areas of the brain in cats. Z. V. Elisseeva, R. A. Durintan. *Biul. eksp. biol. i med.* 64 no. 12:92-95 D '67.
- Engorn, A. G. [Pathological physiology and pathological anatomy] *Patologicheskaya fiziologiya i patologicheskaya anatomiya*. Moskva, Meditsina, 1966. 447 p.
- 4th Republic Conference of Pathoanatomists of Latvia. M. P. Skudra and others. *Arkh. pat.* 29 no. 8:92-93 '67.
- Life span of spermatozooids of some White Sea invertebrates in water of different salinity and temperature. V. V. Khelebovich, V. V. Lukin. *Dokl. AN SSSR* 176 no. 2:460-462 S '67.
- Pathological-anatomic picture in patients following death during an epileptic seizure or in status epilepticus. V. S. Pozdnyakov. *Trudy Gos. nauch.-issl. inst. psikh.* 47:272-276 '67.
- Section of histology and embryology. L. A. Dlakher, V. N. Dobrokhov. *Biul. MOIP Otd. biol.* 72 no. 5:146-149 S-O '67.
- Structural and functional characteristics of ascending systems of external and internal analyzers. I. A. Bulgyn. *Zhur. vyz. nerv. delat.* 17 no. 8:963-972 N-D '67.
- System of the curriculum in human anatomy, physiology, and hygiene, materials of teaching in experimental classes and summary of the experience of a number of teachers in Leningrad. I. D. Zverev. *Uch. zap. ped. inst. Gerts.* 276:3-307 '65.
- Theoretical substantiation of impregnation of neuropil with silver. K. K. Sorigeev. *Arkh. pat.* 29 no. 8:78-81 '67.
- V-shaped canula on Stenson's duct in cattle. I. U. V. Kononov. *Fiziol. zhur.* 53 no. 12:1480-1491 D '67.
- 612 PHYSIOLOGY**
Absolute size of children's bodies during the period of pubescence. L. I. Koncha. *Teor. i prak. fiz. kul't.* 29 no. 3:47-49 Mr '67.
- Afference from the upper respiratory tract in the branches of the trigeminal nerve. V. I. But, V. I. Kilmova, Cherkasova. *Biul. eksp. biol. i med.* 64 no. 12:13-16 D '67.
- Afferent link of the coagulating and anticoagulating system of the blood. T. M. Kalishvskaya and others. *Fiziol. zhur.* 53 no. 12:1463-1468 D '67.
- Aladashvili, A. S. [Selected works] *Izbrannye trudy. Tbilisi, Metsnereba, 1967*. 384 p. [In Georgian and Russian]
- Antibody production by single cells in the immunization of animals with soluble protein. I. A. S. Shvartsman. *Biul. eksp. biol. i med.* 64 no. 10:85-87 O '67.
- Apparatus for the dosage of physical load. L. A. Eruslimskii. *Teor. i prak. fiz. kul't.* 30 no. 2:49-51 F '67.
- Autocardiometer, a device for programming the muscle activity relating to the rate of cardiac contractions. A. M. Machin, N. V. Averkhovich. *Teor. i prak. fiz. kul't.* 30 no. 11:65-68 N '67.
- Basic characteristics of the dynamics of evoked response during the transition from wakefulness to sleep in non-anesthetized cats. I. M. Gil'man. *Zhur. vyz. nerv. delat.* 17 no. 8:1091-1097 N-D '67.
- Bite excretion function of the liver in animals following castration. N. P. Skakov, G. K. Skakov, G. N. Lipov. *Fiziol. zhur.* 53 no. 12:1446-1451 D '67.
- Biochemical foundations of athletes' endurance. N. I. Volkov. *Teor. i prak. fiz. kul't.* 30 no. 4:10-26 Ap '67.
- Biochemical principles of light reception. R. N. Ettingof. *Usp. sov. biol.* 64 no. 3:425-443 N-D '67.
- Calculation of the linear velocity of blood flow in the aorta and its branches. A. G. Orlov. *Kardiologiya* 7 no. 8:112-115 Ag '67.
- 30 no. 2:14-17 F '67.
- Changes in the activity of tissue acid phosphatase in diseases of the kidneys. A. F. Blinger, O. I. Kartas'. *Arkh. pat.* 29 no. 8:53-56 '67.
- Changes in the contractile capacity of the myocardium of frogs depending on the content of sodium, potassium, and calcium ions in the surrounding medium. R. B. Babakli, I. L. Koshtarskaya. *Biul. eksp. biol. i med.* 64 no. 12:7-10 D '67.
- Changes in the electric activity of the brain during voluntary movements, different in their structure. M. P. Ivanova, Zhur. vyz. nerv. delat. 17 no. 6:112-117 N-D '67.
- Changes in the rate of the blood flow in cardiac fibrillation before and after its elimination. I. F. Litova. *Kardiologiya* 7 no. 8:102-105 Ag '67.
- Changes in the reaction of neurons of the visual cortex under the effect of nembital. I. N. Kondrat'eva. *Zhur. vyz. nerv. delat.* 17 no. 8:1066-1073 N-D '67.
- Changes in the reactions of neurons of the lateral corpusculum to multiple photic stimulations. T. G. Belotova. *Zhur. vyz. nerv. delat.* 17 no. 6:1052-1058 N-D '67.
- Characteristics and intensity of changes in the excitability of the cerebral cortex in dogs of different ages. L. N. Kozlova. *Zhur. vyz. nerv. delat.* 17 no. 6:105-111 N-D '67.
- Characteristics of discharges of neurons of the visual cortex in wakeful rabbits following increase of frequency of flickering light. V. B. Polianski. *Zhur. vyz. nerv. delat.* 17 no. 8:1080-1085 N-D '67.
- Characteristics of the effect of different pyrogens on the course of pyretic reaction in intravenous and intracerebral introduction. N. A. Katinina. *Pat. fiziol. i eksp. terap.* 11 no. 6:74-75 N-D '67.
- Characteristics of the motor activity of the tongue in animals during gustatory reception. M. V. Korovin. *Fiziol. zhur.* 53 no. 12:1432-1438 D '67.
- Chernigovskii, V. N. [Neurophysiological analysis of the corticovisceral arch, representation of the internal organs in the cerebral cortex] *Neirofiziologicheskii analiz kortiko-visceral'nol'noy reflektornoi dугi; predia vitel'noy vnutrennikh organov v kore golovnogo mozga*. Leningrad, Nauka, 1967. 108 p.
- Combined effect of pilren and papaverine on the vascular system. L. I. Zgoda. *Farm. i toks.* 30 no. 6:691-694 N-D '67.
- Content of ascorbic acid in radiosensitive tissues depending on the dose of ionizing radiation (γ-ray). B. A. Lavrov, I. U. M. Filippov, B. I. Anovskaya. *Biul. eksp. biol. i med.* 64 no. 12:46-50 D '67.
- Coordination of movements as a methodological means of training and improvement. K. E. Sholkhet. *Teor. i prak. fiz. kul't.* 29 no. 3:7-9 Mr '67.
- Dendrite potentials in nonanesthetized cats under continuous experimental conditions. A. I. Rodbak, L. I. Chilingarian. *Zhur. vyz. nerv. delat.* 17 no. 6:1128-1132 N-D '67.
- Dependence of the 11-13-year-old boys' strength on the means and methods of their physical training. V. G. Alabin. *Teor. i prak. fiz. kul't.* 30 no. 2:22-25 F '67.
- Determination of the concentration of osmotically active substances in biological fluids. M. M. Sokolova. *Lab. delo* no. 10:580-591 '67.
- Development of concepts of the function of cardiorespiratory and sinoarotid zones (automatic defense, self-regulation, adaptive control). V. M. Khasulin. *Fiziol. zhur.* 53 no. 12:1469-1476 D '67.
- Development of nystagmus in rabbits. F. N. Kosmarskaya, E. G. Balashova. *Fiziol. zhur.* 53 no. 12:1424-1431 D '67.
- Device for continuous recording of the volume rate in separate organs. M. D. Gaevyi. *Fiziol. zhur.* 53 no. 12:1491-1493 D '67.
- A device for recording the parameters of dynamic and vegetative functions in ski racers over a distance. N. A. Korlagin. *Teor. i prak. fiz. kul't.* 29 no. 3:28-29 Mr '67.
- Device for remote control by the intensity and color of the photic stimulus. A. A. Marichev. *Zhur. vyz. nerv. delat.* 17 no. 6:1137-1138 N-D '67.
- Diagnostic value of the time factor in the evaluation of the results of reaction on C-protein. O. P. Voskresenskii. *Lab. delo* no. 9:529-530 '67.
- Dynamics of vegetative components of complex motor reflexes of reticular origin. F. P. Vasiliev. *Zhur. vyz. nerv. delat.* 17 no. 6:1034-1042 N-D '67.
- Effect of electric stimulation of the hippocampus on the lipid metabolism in rabbits. N. A. Novikova. *Fiziol. zhur.* 53 no. 12:1452-1454 D '67.
- Effect of exo- and endotoxins of dysenteric bacilli on the mitotic activity of macro-organism cells. K. Kinda, Fl. Moisset, G. Indries. *Zhur. mikrobiol., epid. i immun.* 44 no. 8:49-51 S '67.
- Effect of guanidine on taste receptors. G. I. Urv'eva, I. F. Tsyba. *Vest. Mosk. un. Ser. Biol., pochnv.* 29 no. 6:57-63 N-D '67.
- Effect of hyper- and hypocapnia on the impulse activity of inspiratory and expiratory neurons of the reticular formation of the medulla oblongata. A. M. Kolik, L. N. Kondrat'eva. *Biul. eksp. biol. i med.* 64 no. 12:10-13 D '67.

- Effect of insulin on the secretion of carbohydrate components of mucoid compounds by cattle rumen wall and on their concentration in blood serum proteins. S. Z. Izhitskiy, V. S. Skvaruk. *Dop. AN URSS Ser. B* 29 no. 11:1013-1016 N '67.
- Effect of neurotropic agents on the contents of catecholamines in cerebral tissue in reflex dystrophies. E. V. Moreva. *Farm. i toks.* 30 no. 6:661-661 N-D '67.
- Effect of normal antibodies in the reaction to homotransplant. L. M. Suzumova. *Pat. fiziol. i eksp. terap.* 11 no. 6:68-70 N-D '67.
- Effect of novocaine, novocaine amide and their malonylized analogues on the refractory period of an isolated rabbit atrium. Z. D. Tagieva. *Farm. i toks.* 30 no. 6:689-691 N-D '67.
- Effect of pilocarpine and atropine on the metabolism of trace elements in the liver. V. R. Soika. *Farm. i toks.* 30 no. 6:726-727 N-D '67.
- Effect of pyrogenal and endogenous serum pyrogen on the processes of antibody formation in rabbits. O. Sh. Dzheksenbaev, V. T. Savkina. *Zhur. mikrobiol., epid. i immun.* 44 no. 9:84-87 S '67.
- Effect of some vegetative poisons on the degree of thirst. N. B. Sidorenkova. *Fiziol. zhur.* 53 no. 12:1439-1445 D '67.
- Effect of staphylococcal toxins on the cells of blood and tissue cultures. R. P. Ogurtsov. *Blud. eksp. biol. i med.* 64 no. 12:34-35 D '67.
- Effect of the adrenal hormones hydrocortisone, deoxycorticosterone and adrenaline on the convulsive activity of the nucleus, mitochondrial and microsomal fractions of the liver. R. D. Seifulla, A. I. Malinskii. *Farm. i toks.* 30 no. 6:707-709 N-D '67.
- Effect of the anterior lobe of the cerebellum on mono-synaptic reflex reactions of the spinal cord in precollular cats. A. S. Amalun. *Zhur. vys. nerv. delat.* 17 no. 6:1098-1105 N-D '67.
- Effect of the cofactors of synthesis and precursors of nucleic acids on the contractile function of the heart in experimental myocardial infarct. G. I. Markovskaya, F. Z. Meerson. *Pat. fiziol. i eksp. terap.* 11 no. 6:30-33 N-D '67.
- Effect of the "transplant against the host" reaction in the process of infection. P. A. Fedosov. *Zhur. mikrobiol., epid. i immun.* 44 no. 9:120-131 S '67.
- Engorn, A. G.** [Pathological physiology and pathological anatomy] *Patologicheskaya fiziologiya i patologicheskaya anatomiya*. Moskva, Meditsina, 1968. 447 p.
- Electric and mechanic reactions of vascular smooth muscles under effect of noradrenaline. N. G. Kochemassova. *Fiziol. zhur.* 53 no. 12:1476-1482 D '67.
- Electric reaction of the cerebral cortex in rabbits to different electromagnetic fields. R. A. Chizhenkova. *Zhur. vys. nerv. delat.* 17 no. 6:1093-1099 N-D '67.
- Evoked potentials in the orbital region of the cerebral cortex in cats. V. N. Kazakov. *Fiziol. zhur.* 53 no. 12:1397-1406 D '67.
- Evolution of extirpative inhibition. S. S. Barkhudarov. *Zhur. vys. nerv. delat.* 17 no. 6:988-1003 N-D '67.
- Exchange of gases and the oxygenation of blood in 1 month of different length of training. A. A. Artyuk. *Teor. i prak. fiz. kul't.* 30 no. 2:36-38 F '67.
- Experience in radioelectrocardiographic studies during the training of young skaters. V. G. Polovtsev. *Teor. i prak. fiz. kul't.* 30 no. 11:41-45 N '67.
- Experimental determination of the momentum of the human body and its upper and lower extremities. N. M. Genset, V. N. Tikhonov. *Teor. i prak. fiz. kul't.* 30 no. 11:27-30 N '67.
- Extrapolation and its significance in studying elementary rational activity in animals. L. V. Krushinskii. *Usp. sov. biol.* 64 no. 3:441-465 N '67.
- Functional changes in animals in α -dinitrophenol hyperthermia under conditions of vegetative ganglionic block. A. I. Degonskii. *Pat. fiziol. i eksp. terap.* 11 no. 6:63-69 N-D '67.
- Functional state of the cardiovascular system of mountain climbers during the ascent of Khan Tengri Peak. N. A. Agadzhanian and others. *Teor. i prak. fiz. kul't.* 30 no. 2:38-41 F '67.
- Human physiology in a hot climate. A. I. Iunusov. *Uzb. biol. zhur.* 11 no. 5:28-36 '67.
- Hypothalamic regulation of some aspects of energy metabolism in the cerebral cortex. A. I. Mogilevskii and others. *Zhur. vys. nerv. delat.* 17 no. 6:1043-1051 N-D '67.
- Immunological identity of human serum albumin and embryonic α 2-globulin in dogs and cats. I. U. S. Tatarinov, A. V. Afanas'eva. *Blud. eksp. biol. i med.* 64 no. 10:68-70 O '67.
- Improvement of the motor ability of man with controlled muscular stress. A. I. Kuznetsov. *Teor. i prak. fiz. kul't.* 30 no. 4:87-88 Ap '67.
- Increase of the respiration component of differentiation induced by shock accelerations. E. V. Marukhanian. *Zhur. vys. nerv. delat.* 17 no. 6:1115-1118 N-D '67.
- Indirect hemagglutination reaction in the study of tissues. R. P. Cherodnichenko. *Lab. delo* no. 9:542-543 '67.
- Inertness of conditioned reactions to relative and absolute characteristics of stimuli. I. U. A. Zakher. *Zhur. vys. nerv. delat.* 17 no. 6:1106-1108 N-D '67.
- Influence of anthropometric factors on the hydrodynamics of swimmers. B. I. Onoprienko. *Teor. i prak. fiz. kul't.* 30 no. 4:47-53 Ap '67.
- Influence of athletic exercises on the movability and structure of the hands. K. L. Ivkina, E. L. Supringa. *Teor. i prak. fiz. kul't.* 30 no. 4:58-60 Ap '67.
- Instrumental motor reflex elaborated with food reinforcement under conditions of saturation. F. I. Popova. *Zhur. vys. nerv. delat.* 17 no. 6:992-997 N-D '67.
- Konstantin Vasil'evich Voroshilov, an eminent Russian physiologist of the 19th century. K. Gambalov, D. Kh. Latifov. *Fiziol. zhur.* 53 no. 12:1497-1499 D '67.
- Local slow potentials evoked by mechanical lesion of the visual tract in an anesthetized cat. E. N. Sokolov, V. P. Duleenko. *Zhur. vys. nerv. delat.* 17 no. 6:1119-1121 N-D '67.
- Many-sided statistical analysis of the somatometric characteristics of wrestlers in the various classes of weight. E. G. Martirosov and others. *Teor. i prak. fiz. kul't.* 30 no. 2:18-19 F '67.
- Matlina, E. Sh., and V. V. Men'shikov.** [Clinical biochemistry of catecholamines] *Klinicheskaya biokhimiya katekolaminov*. Moskva, Meditsina, 1967. 303 p. (DNLM)
- Methodology of obtaining gastric juice in dogs with a small Pavlov gastric pouch. A. Z. Varin. *Fiziol. zhur.* 53 no. 12:1489-1490 D '67.
- Methods for the development of exceptional endurance during the work of submaximal intensity. Sh. A. Mamardashvili. *Teor. i prak. fiz. kul't.* 30 no. 4:33-35 Ap '67.
- Methods of isolation of leucocytes and thrombocytes from human blood. A review. I. S. Lukanova, I. F. Seits. *Lab. delo* no. 9:521-526 '67.
- Microelectrode study of conditioned reflex to time. F. V. Kopylova, M. I. A. Rabinovich. *Zhur. vys. nerv. delat.* 17 no. 6:1023-1033 N-D '67.
- Modeling electric signal of a group of muscle fibers. V. M. Bernstein. *Biophysika* 12 no. 6:1050-1053 N-D '67.
- Motor ability of preschool children. O. V. Nedrigailova, E. S. Vil'chikovskii. *Teor. i prak. fiz. kul't.* 30 no. 4:53-56 Ap '67.
- Motor reaction and strained muscles. E. P. Pina, G. P. Paupatova. *Teor. i prak. fiz. kul't.* 29 no. 3:45-47 Mr '67.
- On the 50th anniversary of Soviet radiobiology. E. I. Vorob'ev, L. V. Fushstein. *Med. rad.* 12 no. 11:8-25 N '67.
- Otogenic characteristics of alimentary hypercholesterolemia and aortic lipidosis in rabbits. Kh. M. Markov, V. V. Bankova. *Pat. fiziol. i eksp. terap.* 11 no. 6:37-40 N-D '67.
- Our debates and discussions. *Teor. i prak. fiz. kul't.* 30 no. 2:68-71 F '67.
- Participation of nucleic acids in the formation of conditioned connections, based on data of otogenic research. O. A. Krylov, R. A. Danilova, V. S. Tongur. *Zhur. vys. nerv. delat.* 17 no. 6:1016-1022 N-D '67.
- Penetration of procaine through the hematoencephalic barrier. I. A. Shumova. *Farm. i toks.* 30 no. 6:669-674 N-D '67.
- Physiological analysis of graphic activity in a child. Z. V. Denisova. *Zhur. vys. nerv. delat.* 17 no. 6:986-991 N-D '67.
- Physiological myocardial hypertrophy in newborn infants. O. I. A. Kaufman. *Blud. eksp. biol. i med.* 64 no. 12:5-7 D '67.
- Polosukhin, A. P.** [Selected works] *Izbrannye trudy*. Alma-Ata, Nauka, 1967. 243 p.
- Possibility of experimental inducing of long periods of activity of the crest-wave type in cats. V. V. Petukhov. *Zhur. vys. nerv. delat.* 17 no. 6:1122-1124 N-D '67.
- Prolonged changes in the amplitude of monosynaptic reflexes of extensors evoked by afferent volleys in somatic nerves. I. U. S. Sverdlov. *Fiziol. zhur.* 53 no. 12:1414-1423 D '67.
- Quantitative characteristics of the population of antibody-producing cells in different species of animals before and following immunization. L. A. Pevnitskii, L. N. Fontain, V. V. Solov'ev. *Blud. eksp. biol. i med.* 64 no. 10:60-63 O '67.
- Radiobiological effect and its significance for pathology. I. A. Plontkovskii. *Pat. fiziol. i eksp. terap.* 11 no. 6:13-20 N-D '67.
- Reaction of the mast cells to the introduction of NaCl, heparin and histamine solutions. N. P. Vorob'eva, V. V. Vinogradov. *Arkh. pat.* 20 no. 8:67-61 '67.
- Reactivity of the nervous system as a sign of volitional activity and physical fitness. L. F. Egunov. *Teor. i prak. fiz. kul't.* 29 no. 3:23-26 Mr '67.
- Renal tuberculosis and autoimmune processes. I. U. A. Kozlechkov. *Urol. i nefr.* 31 no. 5:7-9 S-O '68.
- Rheographic methods in studying the influence of physical load upon the regional circulation of blood. L. I. Abramova, L. S. Aleksandrova. *Teor. i prak. fiz. kul't.* 30 no. 2:48 F '67.
- Role of the adrenergic substrate of the hypothalamus in the regulation of the blood coagulation system. A. A. Markosian, A. K. Chepurov. *Fiziol. zhur.* 53 no. 12:1455-1462 D '67.
- Scientific quests. *Teor. i prak. fiz. kul't.* 30 no. 2:56-61 F '67.
- Semiautomatic device for stereotopic implantation of electrodes. R. M. Meshcherskii, S. I. Sychev. *Zhur. vys. nerv. delat.* 17 no. 6:1133-1136 N-D '67.
- Significance of the innervation of the mammary glands in goats in the regulation of the content of milk fat in secretory cells. G. B. Tverskoi, L. A. Podolskaya. *Fiziol. zhur.* 53 no. 12:1483-1488 D '67.
- Some characteristics of low-frequency rhythmic response of the visual cortex. I. A. Kolomeitseva, G. D. Kuznetsova, M. S. Myslobodskii. *Zhur. vys. nerv. delat.* 17 no. 6:1074-1082 N-D '67.
- Some characteristics of the effect of differentiation on the positive conditioned reflex. V. I. Kotelnikova, V. A. Lovchikov. *Zhur. vys. nerv. delat.* 17 no. 6:1112-1114 N-D '67.
- Soviet physiology of sports. V. S. Farfel. *Teor. i prak. fiz. kul't.* 30 no. 11:38-40 N '67.
- Standard requirements of the Soviet system of physical education. I. U. M. Arstov. *Teor. i prak. fiz. kul't.* 30 no. 4:65-66 Ap '67.
- Structural and functional characteristics of ascending systems of external and internal analyzers. *Zhur. vys. nerv. delat.* 17 no. 6:963-972 N-D '67.
- Study of functional and dystrophic changes of a hypertrophied myocardium in polarized light. S. S. Vail'. *Aikh. pat.* 29 no. 8:25-29 '67.
- Study of protein composition of the blood serum in donors by means of electrophoresis in agar gel. R. A. Gulinaeva, V. R. Savian. *Lab. delo* no. 9:526-529 '67.
- Studying the strength of respiratory muscles. I. U. S. Shumkova, A. N. Lebed'. *Teor. i prak. fiz. kul't.* 30 no. 2:41-42 F '67.
- Switching of conditioned response. R. K. Horukae. *Zhur. vys. nerv. delat.* 17 no. 6:973-985 N-D '67.
- Symposium on physiology and biochemistry of lactation. I. A. Baryshnikov, G. B. Tverskoi. *Fiziol. zhur.* 53 no. 12:1502-1503 D '67.
- System of the curriculum in human anatomy, physiology and hygiene, materials of teaching in experimental classes and summary of the experience of a number of teachers in Leningrad. I. D. Zverev. *Uch. zap. ped. inst. Gerts* 270 3:397 '65.
- Systemic vasomotor reactions under conditions of hemodynamic isolation of the greater circulation from the heart. T. V. Balueva. *Blud. eksp. biol. i med.* 64 no. 12:3-5 D '67.
- A transistor-type radiotelemetric system for transmitting the rate of contractions of the heart in the process of movement. V. A. Ponomarev, A. A. Krestovnikov. *Teor. i prak. fiz. kul't.* 30 no. 11:50-51 N '67.
- Use of hypnosis in the training of athletes. F. A. Iordan'skii. *Teor. i prak. fiz. kul't.* 30 no. 2:32-35 F '67.
- Use of loadless stress in the development of strength. A. V. Kovalik. *Teor. i prak. fiz. kul't.* 30 no. 2:44-45 F '67.
- Use of phagocytosis reaction for the study of the specific reactivity of cells of the reticuloendothelial system. E. V. Chiling. *Lab. delo* no. 9:543-546 '67.
- Use of the electrochemical and rheographic method for simultaneous determination of oxygen tension and cerebral blood circulation. A. I. Beketov, D. I. Sapozhnik, I. P. Pomochnik. *Pat. fiziol. i eksp. terap.* 11 no. 6:82-85 N-D '67.
- V-shaped canula on Stenson's duct in cattle. I. U. V. Kononov. *Fiziol. zhur.* 53 no. 12:1480-1491 D '67.
- Viscerochemical conditioned reflex to the reaction of following a rhythm. N. E. Vasilevskaya. *Zhur. vys. nerv. delat.* 17 no. 6:1004-1014 N-D '67.

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- Absorption of DNA by marrow cells in vitro. G. G. Rusinova, S. A. Rogacheva, R. D. Libinova. *Vop. med. khim.* 13 no. 5:485-489 S-O '67.
- Adenosine triphosphatase activity in human blood platelets. N. B. Cherniak. *Vop. med. khim.* 13 no. 5:530-535 S-O '67.
- Analytic determination of the surface of the erythrocyte. P. A. Podabinek, I. I. Kamenskii. *Blud. eksp. biol. i med.* 64 no. 10:105-108 O '67.
- Attempt to overcome lymphoid atrophy in secondary disease of radiation chimeras by means of transplanting lymphocytes of the line of the recipient. L. V. Koval'chuk, I. U. M. Zaretskaya. *Blud. eksp. biol. i med.* 64 no. 10:82 O '67.
- Change in nucleic acid content in the myocardium following diptherial injury and stimulation of restorative processes. I. E. Sadokova. *Dokl. AN SSSR* 177 no. 1:245-248 N '67.
- Changes in protein fractions and in indices of nitrogen metabolism depending on the gravity of the course of thyroidin toxicosis in rabbits. S. G. Gasanov, A. S. Arslanov. *Blud. eksp. biol. i med.* 64 no. 12:38-40 D '67.
- Changes in the third heart sound under the effect of increased blood supply to the cardiac cavities. V. N. Demidov. *Kardiologiya* 7 no. 10:113-116 O '67.
- Changes in transketolase activity during the process of erythrocyte maturation. V. B. Spirichev, V. A. Isaeva. *Vop. med. khim.* 13 no. 5:544-546 S-O '67.
- Comparative evaluation of the vasodilating effect of myotropic substances on pulmonary vessels. R. M. Zaslavskaya. *Kardiologiya* 7 no. 10:127-129 O '67.
- Content of glycogen in neutrophils as one of the indices of their functional state. V. G. Sokolova, Z. G. Filitskaya. *Lab. delo* no. 10:507-510 '67.
- Contractile function of the different sectors of the myocardium of the left ventricle. S. M. Shenderov, G. N. Tarava. *IU. S. Mdnaradze. Blud. eksp. biol. i med.* 64 no. 10:7-10 O '67.
- Cytochemical study of the interaction of leucocytes and target cells in tissue culture. S. N. Sura and others. *Blud. eksp. biol. i med.* 64 no. 11:103-107 N '67.
- Effect of angiotensin on the coronary blood flow. E. V. Novikova. *Kardiologiya* 7 no. 10:20-26 O '67.

- 612.1 (Continued)
- Effect of lymphostasis of rats treated with Freund's adjuvant on blood flow in the aorta. V. V. Sura, V. I. V. Sura. *Bull. eksp. biol. i med.* 64 no. 10:70-73 O '67
- Effect of nicotinamide on the content of lactic-acid phosphatase in the heart muscle of rats. L. A. Tsygina, V. I. V. Sura. *Bull. eksp. biol. i med.* 64 no. 10:74-76 O '67
- Effect of physical load on the blood circulation volume measured by means of radioactive chromium. A. N. Tsvetkov. *Kardiologiya* 7 no. 8:121-123 Ag '67
- Hypothalamus of the main purpose of nervous regulation of blood circulation: upkeep of optimal linear rate of blood flow in the capillaries. V. M. Litvinov, M. L. Fedotkin. *Bull. eksp. biol. i med.* 64 no. 10:43-46 N '67
- Inclusion of radioactive amino acids in α - and β -polypeptide chains of hemoglobin in systems of different complexity. M. G. Kravchenko, R. V. Surin, A. S. Konikova. *Izv. AN SSSR* 176 no. 1:212-215 S-O '67
- Mechanism of the origin of heart sounds. G. M. Solov'ev. *Kardiologiya* 7 no. 10:147-150 O '67
- Methodology of the frequency and amplitude characteristics of cardiac sounds. I. M. Vasil'ev, A. M. Firsanov. *Kardiologiya* 7 no. 10:102-113 O '67
- Moskalenko, I. V. Z. [Dynamics of blood supply of the brain under normal conditions and in gravitation loads] *Dinamika krovoobrazovaniya golovnogo mozga v norme i pri gravitatsionnykh nagruzhkakh*. Leningrad, Nauka, Vol. 5 [Problems of space biology]. Problemy kosmicheskoi biologii. Pod red. N. M. Sisakiana 1967. 217 p
- New data on the mechanism of the origin of heart sounds. M. N. Tumanovskii, I. D. Sazonov. *Kardiologiya* 7 no. 10:143-147 O '67
- Nucleotide phosphorylase activity in thrombocytes of donors and thrombocytes of patients with polycythemia and chronic myelosis. V. A. Fegorova, A. I. Blinova, I. F. Saito. *Vop. med. khim.* 13 no. 5:508-511 S-O '67
- Number of leucocytes in sportsmen. P. A. Nikharenko, V. G. Shcherbakov. *Lab. delo* no. 10:625 '67
- Origin of cells of regenerating mouse spleen: experiments with labeled chromosomes. G. V. Kharkova. *Bull. eksp. biol. i med.* 64 no. 12:76-78 D '67
- Reactions of the body under conditions of prolonged artificial blood circulation. V. S. Ryskin and others. *Bull. eksp. biol. i med.* 64 no. 10:16-19 O '67
- Role of afferent influences in preserving the functions of cerebrospinal reflexory arches following repeated regional blood circulation disorders. G. G. Kosheleva. *Vest. LGU* 22 no. 21:114-123 N '67
- Second sound under normal conditions and in pathology. G. I. Fassin'skii. *Kardiologiya* 7 no. 10:138-141 O '67
- Shishina, I. V. G. [Stories about the blood; red magic and science] *Rasskazy o krvi, krasnaya magiya i nauka*. Moskva, Znanie, 1967. 31 p. (Novoe v zhizni, nauke, tekhnike. XII Seriya. Estestvoznaniye i religiya, 10)
- State of the red blood in Vistar line rats depending on sex and age. Z. I. Falyayeva, N. P. Kudashova. *Lab. delo* no. 10:628-629 '67
- Study of antibodies to the cerebral antigens in the blood serum of epileptic patients. V. A. Torba. *Trudy Gos nauch. inst. psikh.* 47:199-205 '67
- Study of characteristics of the leads for the measurement of the transverse component of the cardiac vector. I. I. Titomir. *Bull. eksp. biol. i med.* 64 no. 12:101-104 p '67
- Ultrastructure of the myocardium in physical strain, fatigue and rest. D. S. Saitov and others. *Bull. eksp. biol. i med.* 64 no. 11:134-139 N '67
- Use of automatic differentiation method for the study of pressure in cardiac ventricles. V. L. Ukin, E. V. Turina, F. B. Babitskiy. *Bull. eksp. biol. i med.* 64 no. 12:98-100 D '67
- Use of preserving solutions of the Central Institute of Blood Transfusions for prolonged storage of ram erythrocytes. V. A. Maslov. *Lab. delo* no. 10:629-630 '67
- 612.2 RESPIRATION
- Adaptation of the respiratory center to the rhythm of reflex effects. M. E. Marshak, T. A. Maeva. *Bull. eksp. biol. i med.* 64 no. 11:38-42 N '67
- Effect of chronic tonsillitis on the myocardium. A. S. Popova. *Teor. i prakt. fiz. kult.* 30 no. 11:48-49 N '67
- Effect of oxygen on the functions of the stomach under experimental conditions. M. P. Kosjakova. *Bull. eksp. biol. i med.* 64 no. 12:19-21 D '67
- 612.3 DIGESTION AND NUTRITION
- Cytoplasmic antigens of the liver. K. P. Kashkin. *Bull. eksp. biol. i med.* 64 no. 12:66-70 D '67
- Effect of luminal and medial on the incorporation of lysine in the renal proteins of rats in vitro. S. R. Mardashev, A. I. Voronov, S. S. Dzhov. *Vop. med. khim.* 13 no. 5:516-522 S-O '67
- Effect of oxygen on the functions of the stomach under experimental conditions. M. P. Kosjakova. *Bull. eksp. biol. i med.* 64 no. 12:19-21 D '67
- Intelligent nutrition. I. Pishchugin. *Grazhd. av.* 23 no. 10:30 O '66
- New aspects in the feeding of lower monkeys. V. I. Chernyshev, F. R. Zelenskaya. *Lab. delo* no. 10:630-632 '67
- Significance of the hepatointestinal circulation of biliary substances. G. K. Shigim, L. S. Vasilevskaya. *Bull. eksp. biol. i med.* 64 no. 11:46-51 N '67
- Trophic effect of catecholamines on the secretory function of gastric glands in their exhaustion. S. V. Amchov, L. E. Grechinskii. *Bull. eksp. biol. i med.* 64 no. 10:37-39 O '67
- 612.4 GLANDULAR PHYSIOLOGY SECRETION EXCRETION
- Activity of some enzymes during the pentose phosphate cycle of carbohydrate transformation in experimental atherosclerosis induced in various ways. I. V. Sidorov, T. I. Kolpakova. *Vop. med. khim.* 13 no. 5:535-538 S-O '67
- Change in the adrenal cortex functional activity in guinea pigs as affected by high air temperature. T. F. Sultanova, N. V. Stefanovskaya, G. M. Kiochova. *Izv. AN Turk SSR Ser. biol. nauk* no. 4:61-65 '67
- Chromatographic division of isozymes of rat liver lactate dehydrogenase on DEAE-sephadex and study of some of their properties. Kh. M. Rubina, L. A. Romanenko. *Vop. med. khim.* 13 no. 5:503-507 S-O '67
- Comparative characteristics of guinea materials used in suturing the pancreas. S. S. Nesterov. *Med. tekh.* 1 no. 5:47-49 S-O '67
- Differentiation of excretions of the human body by emission spectral analysis. L. O. Barshegiants. *Sud.-med. eksp.* 10 no. 4:30-34 O-D '67
- Diurnal changes of the protein metabolism and mitotic activity of the cells in the adrenal cortex. A. I. Trupold. *Bull. eksp. biol. i med.* 64 no. 10:83-85 O '67
- Effect of inhibited absorbing function of the reticuloendothelial system on the sensitivity of white mice to plague toxin. M. F. Eremova. *Bull. eksp. biol. i med.* 64 no. 10:63-65 O '67
- Effect of thyroxine on the development of bones of the posterior extremities in embryos of mice of the mutant strain Brachypodism-II. B. V. Konukhov, N. A. Malinina. *Bull. eksp. biol. i med.* 64 no. 11:125-128 N '67
- Organospecific phytoprecipitates in the thyroid gland. S. I. Krupnik, M. I. Potapov. *Bull. eksp. biol. i med.* 64 no. 12:70-72 D '67
- Regeneration of lymph nodes following transplantation. M. S. Didukh. *Bull. eksp. biol. i med.* 64 no. 12:84-88 D '67
- Revascularization of the right kidney using the inferior mesenteric artery, experimental study. B. S. Bazhenov, V. P. Ivanov. *Urol. i nefr.* 31 no. 5:16-17 S-O '66
- Significance of β -lipoprotein fraction of blood serum of febrile animals in the regulation of tissue hexokinase activity. D. I. Belichenko. *Vop. med. khim.* 13 no. 5:539-543 S-O '67
- Trophic function of the vegetative nerves of the thyroid gland. M. G. Amargova, M. A. Beilina, I. N. Ostipova. *Bull. eksp. biol. i med.* 64 no. 10:13-15 O '67
- 612.5 ANIMAL HEAT, BODY TEMPERATURE
- Change in the adrenal cortex functional activity in guinea pigs as affected by high air temperature. T. F. Sultanova, N. V. Stefanovskaya, G. M. Kiochova. *Izv. AN Turk SSR Ser. biol. nauk* no. 4:61-65 '67
- Gradation of the functional tone of the skin temperature analyzer under the effect of light of varying intensity on the skin and eye. L. M. Kurlova. *Bull. eksp. biol. i med.* 64 no. 12:17-19 D '67
- Interrelations of the increase of heat production inadequate to gas exchange and the disruption of respiration and phosphorylation in cells of the liver in diphteria intoxication. P. N. Veselkin, E. S. Gramenitskaya, L. I. Niselskaya. *Bull. eksp. biol. i med.* 64 no. 11:56-60 N '67
- Role of baroreceptors of the carotid sinuses in reflex regulation of hemodynamic changes in nonanesthetized animals under the effect of transversely directed accelerations. E. B. Shul'chenko. *Bull. eksp. biol. i med.* 64 no. 12:24-27 D '67
- Significance of β -lipoprotein fraction of blood serum of febrile animals in the regulation of tissue hexokinase activity. D. I. Belichenko. *Vop. med. khim.* 13 no. 5:539-543 S-O '67
- Stage of exhaustion of the central nervous system in hemorrhage and shock and use of craniocebral hypothermia. I. R. Petrov. *Vest. khir.* 99 no. 12:13-17 D '67
- Temperature gradients of the heart and the pulse rate in cold-caused cardioplegia. E. N. Vainer. *Bull. eksp. biol. i med.* 64 no. 12:22-24 D '67
- Uteroplacental blood circulation in female rabbits at different periods following fever during the first days of pregnancy. T. P. Bakka. *Bull. eksp. biol. i med.* 64 no. 12:31-34 D '67
- 612.6 REPRODUCTION, DEVELOPMENT, GROWTH, AGING, DEATH
- Changes in the convulsion threshold depending on the age. G. I. Skriabin. *Trudy Gos. nauch.-issl. inst. psikh.* 47:231-235 '67
- Changes in the radiosensitivity of spermatogenic epithelium in mice of several generations living under conditions of increased radiation background. L. I. Zhorno, K. K. Surikova. *Bull. eksp. biol. i med.* 64 no. 12:82-84 D '67
- Concerning Professor I. V. Davydovskii's work "Arteriosclerosis as an age-related problem." V. V. Tiavokin. *Kardiologiya* 7 no. 8:143-144 Ag '67
- Effect of lesions of the epiphyseal proliferous cartilage on longitudinal growth of bones, an experimental study. I. U. P. Kolesnikov. *Ortop. i travm. i protez.* 28 no. 8:46-50 Ag '67
- Effect of the "transplant against the host" reaction in transplantation immunity under conditions of strong antigenic difference between donor and recipient. V. E. Semenov. *Bull. eksp. biol. i med.* 64 no. 12:78-82 D '67
- Experimental analysis of the origin of antibody-forming cells in the spleen of intact recipient following the transplantation of cells from immunized donor. L. N. Fontalin, L. A. Pevnitskii, N. A. Kiashina. *Bull. eksp. biol. i med.* 64 no. 11:108-113 N '67
- Problem of differential diagnosis and therapy of electromagnetic cardiology. A. I. Vorobiev, T. V. Shadrinova, Z. F. Medvedeva. *Kardiologiya* 7 no. 8:18-27 Ag '67
- Uteroplacental blood circulation in female rabbits at different periods following fever during the first days of pregnancy. T. P. Bakka. *Bull. eksp. biol. i med.* 64 no. 12:31-34 D '67
- 612.7 ORGANS OF MOVEMENT, VOICE, SKIN
- Comparative evaluation of the stimulating effect of phenamine and per-vital under conditions of their simultaneous administration with the donor and acceptor of the methyl groups. V. M. Avakumov, K. S. Raevskii. *Bull. eksp. biol. i med.* 64 no. 10:54-56 O '67
- Differences in the mechanism of inhibitory effect of tetradotoxin and novocaine on skeletal muscle fibers in frogs. B. I. Khodov, B. G. Voronovskii. *Bull. eksp. biol. i med.* 64 no. 11:14-18 N '67
- Distribution of anserine and carnosine in the pectoral muscle in chicks. O. V. Dobynina. *Bull. eksp. biol. i med.* 64 no. 11:80-81 N '67
- Dynamics of the restoration and development of motor ability in the aged and middle-aged persons who belong to groups of health improvement. I. I. Gnilov. *Teor. i prakt. fiz. kult.* 30 no. 11:55-57 N '67
- Effect of isometric training at the various angles of joints on the strength and speed of movement. V. M. Zatsiorskii, I. I. Smitinov, A. I. Mikhler. *Teor. i prakt. fiz. kult.* 30 no. 11:24-27 N '67
- Effect of lesions of the epiphyseal proliferous cartilage on longitudinal growth of bones, an experimental study. I. U. P. Kolesnikov. *Ortop. i travm. i protez.* 28 no. 8:46-50 Ag '67
- Effect of thyroxine on the development of bones of the posterior extremities in embryos of mice of the mutant strain Brachypodism-II. B. V. Konukhov, N. A. Malinina. *Bull. eksp. biol. i med.* 64 no. 11:125-128 N '67
- 612.8 NERVOUS SYSTEM, SENSE ORGANS
- Absolute sensitivity of the nervous system of man as related to his constitutional characteristics. V. M. Rukolov. *Vop. psikh.* 13 no. 3:67-67 My-Je '67
- Activity of cerebral transaminases in rats following introduction of D- and L-isomers. R. P. Porfir'eva, G. I. A. Kivman. *Antibiotiki* 12 no. 12:1071-1074 D '67
- Adaptation of the respiratory center to the rhythm of reflex effects. M. E. Marshak, T. A. Maeva. *Bull. eksp. biol. i med.* 64 no. 11:38-42 N '67
- Apparatus for studying the visual identification of pictorial diagrams. Jan Bruncak. *Vop. psikh.* 13 no. 4:151-160 My-Je '67
- The brain and conscious experience. A. R. Luria. *Vop. psikh.* 13 no. 3:161-167 My-Je '67
- Cellular and systemic excitation and inhibition and general characteristics of interneural relationships. N. V. Golikov. *Vest. LGU* 22 no. 21:20-38 N '67
- Changes in the motor and sensory nerve endings of the muscular gastrocnemius in the process of development of an induced rabdomyosarcoma. L. N. Lebedeva, G. G. Orlova. *Bull. eksp. biol. i med.* 64 no. 12:95-97 D '67
- Changes in the synapses under the effect of valine. E. N. Popova. *Zh. nev. i psikh.* 67 no. 12:1802-1807 '67
- Characteristics of the memory of elderly people engaged in intellectual work. Z. M. Ielomina, V. I. Samokhvatova, I. N. Prokhorzhenskaya. *Vop. psikh.* 13 no. 3:51-64 My-Je '67
- Chernigovskii, V. N. [Neurophysiological analysis of the corticovisceral arch, representation of the internal organs in the cerebral cortex] *Neirofiziolicheskiy analiz kortiko-viseral'noi reflektornoi dugi, predstavitel'svo vnutrennikh organov v korke golovnogo mozga*. Leningrad, Nauka, 1967. 108 p.
- Comparison of the characteristics of cytoarchitectonic and neuronal organization of the cortex in first and second somatosensory areas of the brain in cats. Z. V. Eliseeva, R. A. Durinian. *Bull. eksp. biol. i med.* 64 no. 12:92-95 D '67
- Correlated action of analyzers in the perception of spoken words. V. I. Bel'tukov. *Vop. psikh.* 13 no. 3:19-28 My-Je '67
- Cortical effects on viscerosomatic relationships in the spinal cord. B. G. Gafurov. *Vest. LGU* 22 no. 21:147-150 N '67
- Detenof, F. F. [Mental hearing] *Psikhicheskaya zakalka*. Tashkent, Meditsina, 1967. 50 p. (Nauchno-populjarnaya literatura)
- Effect of catecholamines (ptilridol and phenamine) on some synaptic systems of the cerebral cortex. G. D. Smirnov, V. M. Vinogradova. *Bull. eksp. biol. i med.* 64 no. 11:30-33 N '67

- Effect of difenin on the spontaneous rhythm of the interneurons of the spinal cord and their responses to afferent and suprasegmental stimulation. E. B. Arushanian, A. V. Zavalov, P. V. Mel'nikhuk. *Biul eksp biol i med* 64 no. 10 39-43 O '67.
- Effect of novocaine on the electric activity of a single Ranvier's node with reduced and increased content of sodium ions in the solution. V. I. Beliaev. *Biul eksp biol i med* 64 no. 10 43-47 O '67.
- Effect of acrotonin on the volume rate of the blood flow and pO₂ in some regions of the brain. M. D. Mashkovskii, V. P. Lanskii. *Biul eksp biol i med* 64 no. 11 93-99 N '67.
- Effect of sodium hydroxybutyrate on transcallosal and dendritic potentials. V. V. Zakusov, R. U. Ostrovskaya. *Biul eksp biol i med* 64 no. 11 85-89 N '67.
- Effect of streptanthalidin acetate and streptanthalidin - the aglycons of cardiac glycosides - on the central nervous system. S. Kh. Nastrov, F. Tashmukhamedova, I. K. Kamlov. *Uzb. biol. zh.* 11 no. 5 37-40 '67.
- Effect of strychnine on inhibitory synapses of neurons of an isolated extension receptor in crustaceans. V. S. Rusinov, V. L. Erokhin. *Biul eksp biol i med* 64 no. 11 25-30 N '67.
- Effect of the cofactors of the synthesis and predecessors of nucleic acids and protein on the formation and preservation of the conditioned defense reflex. V. V. Degachev, R. I. Kuglikov, F. Z. Meerison. *Biul eksp biol i med* 64 no. 10 10-13 O '67.
- Effectiveness of monochromatic radiations to propanope used in differentiation of minute details and contrasts of brightness. V. S. Khazanova, E. B. Rabkina, T. I. A. Kravtsov. *Dokl. AN SSSR* 176 no. 2 467-469 S '67.
- Electroencephalographic study of the effect of saponins from the *Dioscorea villosa* on the central nervous system. S. I. A. Sokolov, V. I. A. Legzhaev. *Biul eksp biol i med* 64 no. 12 59-62 D '67.
- Electrophysiological analysis of the functional interaction of serotonin and γ -aminobutyric acid on the segmental level of the spinal cord. G. A. Romanova. *Biul eksp biol i med* 64 no. 10 17-50 O '67.
- Evacuation of catechol amines by the mucous membrane of the stomach and changes in their content in its secretion, mucous and muscular layers as affected by ganglion blocking quaternary. S. A. Mirzofan, I. L. Virabian. *Dokl. AN Arm SSR* 15 no. 3 131-141 '67.
- Functional significance of the correlation of biopotentials of the cerebral cortex. M. N. Livanov, V. A. Kravchenko, T. A. Kozlovskaya. *Biul eksp biol i med* 64 no. 11 11-19 N '67.
- Gradation of the functional tone of the skin temperature analyzer under the effect of light of varying intensity on the skin and eye. L. M. Kurikova. *Biul eksp biol i med* 64 no. 12 17-19 D '67.
- Hypothesis of the main purpose of nervous regulation of blood circulation upkeep of optimal linear rate of blood flow in the capillaries. V. M. Khalutin, M. L. Edemskii. *Biul eksp biol i med* 64 no. 11 43-46 N '67.
- Identification of structures formed by visual punctate stimuli. L. I. L. Pozar. *Vop. psikh.* 13 no. 3 20-40 My-Je '67.
- Implantation of electrodes into the anterior chamber of the eye for experimental polarographic studies. S. V. Sholokhov, A. A. Iakovlev. *Biul eksp biol i med* 64 no. 10 103-105 O '67.
- Motor and afferent system of the expression of thoughts and the brain mechanics of thinking. A. N. Sokolov. *Vop. psikh.* 13 no. 3 41-54 My-Je '67.
- Neurophysiological studies of "the unconscious." Andrzej Jus, Karolina Jus. *Zhur. nevro. i psikh.* 67 no. 12 1608-1615 '67.
- Relation of the central action of nitroglycerin with cerebral monoamine metabolism. N. V. Kaverina and others. *Biul eksp biol i med* 64 no. 12 51-55 D '67.
- Rheoencephalographic correlates of chronic mental fatigue in adolescents. G. N. Spasovskii, I. M. Pratushevich. *Dokl. AN SSSR* 176 no. 2 483-485 S '67.
- Role of α - and β -receptors in the origin of experimental necrosis of the myocardium. Z. I. Vedenova. *Biul eksp biol i med* 64 no. 10 50-53 O '67.
- Role of afferent influences in preserving the functions of cerebriophal reflector arches following repeated regional blood circulation disorders. G. G. Koshcheva. *Vest. LGU* 22 no. 21 111-123 N '67.
- Role of baroreceptors of the carotid sinuses in reflex regulation of hemodynamic changes in nonanesthetized animals under the effect of transversally directed accelerations. E. B. Shul'chenko. *Biul eksp biol i med* 64 no. 12 24-27 D '67.
- Role of cholinergic elements of the ascending reticular activating system in the mechanism of blocking the adrenergic electroencephalographic activation reaction by cholinergics. I. P. Pastukhov. *Biul eksp biol i med* 64 no. 12 55-59 D '67.
- Shape of the effect-concentration curve and the quaternary structure of the receptor. N. V. Kirovov-Borisov. *Dokl. AN SSSR* 177 no. 1 214-217 N-D '67.
- Study of the mechanism of nervous influences on cholesterol metabolism by means of 4-C¹⁴-labeled cholesterol. L. A. Miasnikov. *Kardiologia* 7 no. 8 28-31 Ag '67.
- Synaptic processes in spinal neurons activated monosynaptically by the pyramidal tract. D. A. Vasilenko, A. G. Zadorozhnyi, P. G. Kostluk. *Biul eksp biol i med* 64 no. 11 20-25 N '67.
- Trophic function of the vegetative nerves of the thyroid gland. M. G. Amiragova, M. A. Berlina, I. N. Osipova. *Biul eksp biol i med* 64 no. 10 13-15 O '67.
- Typological differences in the development of kinesthetic habits. V. M. Shadrin. *Vop. psikh.* 13 no. 3 75-86 My-Je '67.
- 613 HEALTH AND HYGIENE**
- Alcohol and piloting are not compatible. I. U. Smirnov. *Av i kosm.* 12 70-71 D '67.
- Brief news. *Teor. i prak. fiz. kul't.* 30 no. 2 77-80 I '67.
- Disease incidence, physical training, and labor productivity. A. D. Timofeev. *Teor. i prak. fiz. kul't.* 30 no. 4 64 Ap '67.
- Ensuring hygienic conditions for gymnastic exercises at industrial enterprises. I. A. M. Bogdanov. *Teor. i prak. fiz. kul't.* 30 no. 4 62-63, 65 Ap '67.
- Gymnastic exercises in industrial enterprises. S. L. Feigin. *Teor. i prak. fiz. kul't.* 30 no. 11 52-54 N '67.
- Method of physiological evaluation of local climate by its effect on the thermal state in man. E. M. Ratner. *Vop. kur., fizioter. i lech. fiz. kul't.* 32 no. 5 446-451 S-O '67.
- Morbidity with temporary disability in workers of Kemerovo Briquet Plant during 1955-1956 and 1959-1960. Kh. S. Kovanova. *Sbor. nauch. Bash. gos. med. inst.* 16 no. 12 163-169 '65.
- New forms of the work of medical centers for athletes. B. L. Utevskaia. *Teor. i prak. fiz. kul't.* 30 no. 11 68-71 N '67.
- Occupational characteristics of morbidity with temporary disability in workers of state farms. L. V. Novskii. *Sbor. nauch. Bash. gos. med. inst.* 16 no. 2 170-176 '65.
- Salmonella anatum infections in workers of a meat canning plant. A. D. Usenko and others. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 100-104 S '67.
- Sanitary and hygienic evaluation of natural and artificial lighting in the school of IA. N. Askarova. *Sbor. nauch. Bash. gos. med. inst.* 16 no. 2 181-185 '65.
- Sanitary educational work in schools: experience of schools in Leningrad. L. A. Ivashova. *Uch. zap. ped. inst. Gerts.* 276 317-320 '65.
- System of the curriculum in human anatomy, physiology and hygiene, materials of teaching in experimental classes and summary of the experience of a number of teachers in Leningrad. I. D. Zverev. *Uch. zap. ped. inst. Gerts.* 276 3-307 '65.
- 613(471.52)—Bashkir A. S. S. R.**
- Physical development of school-age children in Ufa. O. A. Smorodintseva. *Sbor. nauch. Bash. gos. med. inst.* 16 no. 2 177-181 '65.
- 613(575.2)—Kirghiz S. S. R.**
- Organization of medical service for children from tuberculosis foci in Osh Province. R. G. Bauer. *V. V. Jordan. Pribl. tub.* 15 no. 12 7-9 '67.
- 613.1 CLIMATIC FACTORS**
- Kilgordinskaya, O. D. [Hardening of children] *Zakalivaniye malyshef Moskva, Znaniye, 1967 45 p. (Narodnyi universitet. Fakul'tet zdorov'ia, 22)*
- [Medical geography] Ref. zhur.: *Med. geog.* nos. 11-12 N-D '67.
- 613.1(474.5)—Lithuanian S. S. R.**
- Climatic characteristics of Nida, a seaside resort on the Kurshaya Spit, in summer. B. P. Alisaev. *Vop. Mosk. un. Ser. 5 Geog.* 22 no. 1 64-68 Ji-Ag '67.
- 613.6 OCCUPATIONAL AND INDUSTRIAL HYGIENE**
- [Brief manual of space biology and medicine] *Kratkii spavochnik po kosmicheskoi biologii i meditsine. Pod red. A. I. Buznashina i dr. Moskva, Meditsina, 1967. 387 p.*
- For cleanliness of military posts. V. Kolomiets. *Tyl i snab. Sov. Voor. Sil* 27 no. 8 52-53 Ag '67.
- Showering installation. A. Belozertsev. *Tyl i snab. Sov. Voor. Sil* 27 no. 8 89-90 Ag '67.
- Technical outfitting of laundry facilities. S. Kudriatsev. *Tyl i snab. Sov. Voor. Sil* 27 no. 8 82-84 Ag '67.
- 613.8 NERVOUS AND MENTAL HYGIENE. HEALTH AND ADDICTIONS, MORALS, BEHAVIOR**
- Changes in the protein fractions of the blood serum in chronic alcoholism. E. I. Karu. *Vop. klin. nevro. i psikh.* 8 3-7 '66.
- Clinical characteristics of the course of epilepsy complicated with chronic alcoholism. V. Z. Timoshenko. *Trudy Gos. nauch. -issl. inst. psikh.* 47 67-81 '67.
- Gabovich, R. D., and others. [Manual for practical work in public hygiene] *Rukovodstvo k prakticheskim zaniatiyam po kommunal'noi hygiene. Pod obshch. red. R. D. Gabovicha. Kiev, Zdorov'ia, 1966 315 p.*
- Korsakoff syndrome in chronic alcoholism with convulsive seizures. B. I. Bezhaniashvili. *Trudy Gos. nauch. -issl. inst. psikh.* 47 99-104 '67.
- Significance of alcohol in epilepsy. A. I. Voldyrev. *Trudy Gos. nauch. -issl. inst. psikh.* 47 70-86 '67.
- Zenevich, G. V. [Bad habit or a disease? On the harm of alcoholism] *Vrednaia privychka ili bolezni? O vrede alkogolizma. [Leningrad] Meditsina, 1967. 44 p. (Nauchno-popul'naya meditsinskaya literatura)*
- 614 PUBLIC HEALTH AND SAFETY**
- Achievements of Soviet disinfection organization. V. I. Vashkov. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 7-13 S '67.
- Antirad shield for the mooring lines of seagoing vessels. V. A. Vilkovich. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 130-139 S '67.
- Benefits for medical workers. *Sov. profsoyuz* 23 no. 22 45-47 N '67.
- Changes in the functional state of the liver, cardiovascular system and upper respiratory tract in workers employed in the manufacturing of the insecticide-fungicide copper trichlorophenolate. *Predimay report. P. H. Komarov. Sbor. nauch. Bash. gos. med. inst.* 16 no. 2 138-134 '65.
- Characteristics of ventilation systems in some enterprises of processing host crops. V. I. Akulinh. *Sbor. nauch. Bash. gos. med. inst.* 16 no. 2 160-162 '65.
- Clothes for machinery operators. *Prof. i-tekhn. obr.* 21 no. 5 6 My '67.
- Development of Soviet radiation hygiene during the years of Soviet power. P. I. Moiseitsev. *Med. rad.* 12 no. 11 65-72 N '67.
- Experience in the work of a sanitary-epidemiological station on the prevention of infectious diseases in a rural district. A. I. Khornakov. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 134-135 S '67.
- Instructions: pluses and minuses. *Okhr. truda i sots. strakh.* 10 no. 12 24-25 D '67.
- Overcoming epidemic diseases. O. V. Baraban. *Pribl. tub.* 15 no. 11 60-69 N '67.
- Water supply of the City of Ashkhabad. O. A. Smorodintseva, R. S. Dinkova. *Sbor. nauch. Bash. gos. med. inst.* 16 no. 2 116-120 '65.
- The workers' health is the main wealth. M. Kozlov. *Vacm. prof. dzhiz.* no. 7 39-42 O '67.
- Workshop medicine cabinet. T. Nitslavskaya. *Okhr. truda i sots. strakh.* 10 no. 12 18 D '67.
- 614(282.25)—Asian rivers**
- Sanitation of the Belaya River in its upper course. I. A. N. Askarova. *Sbor. nauch. Bash. gos. med. inst.* 16 no. 2 125-129 '65.
- 614(470.103)—Communist countries of the world**
- In the atmosphere of friendship and a businesslike approach. V. Poltoranov. *Okhr. truda i sots. strakh.* 10 no. 12 26-27 D '67.
- 614(471.11)—Archangel Province**
- Peat without a setting. I. Kozlov. *Okhr. truda i sots. strakh.* 10 no. 12 23 D '67.
- 614(470.22)—Georgian S. S. R.**
- Come to Pitsunda! D. Keshvilia, V. Chikvaidze. *Okhr. truda i sots. strakh.* 10 no. 12 19 D '67.
- 614(571.46)—Kamchatka Province**
- The Kamchatka resorts. V. Agapov. *Okhr. truda i sots. strakh.* 10 no. 12 20-21 D '67.
- 614.2 OFFICIAL AND PROFESSIONAL ORGANIZATION**
- First achievements of branch committees. K. Iankova. *Sots. obcp.* 12 no. 12 30-34 D '67.
- 614.8 ACCIDENTS: PREVENTION, PROTECTION SAFETY**
- Koval', B. A., and P. K. Gubskii. [Safety techniques in coal preparation plants] *Tekhnika bezopasnosti na uglebogatitel'nykh fabrikakh. Moskva, Nedra, 1967. 143 p.*
- Preventing injuries among workers of industrial enterprises. A. N. Pechin. *Ortop., travm. i protet.* 23 no. 8 59-61 Ag '67.
- Protecting the rights of injured persons during the examination of their lawsuits. L. Maldanik. *Sov. iust.* no. 1 17-18 Ja '68.
- Supply enterprises with a uniform system of production signs. I. U. Tikhonov. *Sots. trud.* 12 no. 12 94-96 D '67.
- Tarasov-Agalakov, N. A., and V. F. Khodakov. [Supplying water for fire fighting] *Protopozharnoe vodosnabzhenie. Moskva, Stroiizdat, 1967. 306 p.*
- Traumatic dismemberment of the trunk in an automobile accident. V. M. Zelengurov, R. A. Gaisko. *Sud. -med. ekspert.* 10 no. 4 48-49 O-D '67.

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- 615.8 (Continued)
- Development of fangotherapy in the U.S.S.R. V. T. Olenko. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 411-415 S-O '67.
- The development of health resort therapy during 50 years of Soviet power. IU. E. Danilov. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 385-391 S-O '67.
- Development of Soviet physical therapy over 50 years. A. N. Obnosov. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 392-396 S-O '67.
- Dmitriy Efimovich Gofshchein, obituary. Vest rent i rad 42 no. 6 101 N-D '67.
- Dynamics of pathophysiological changes in acute respiratory insufficiency under the effect of tracheotomy and artificial respiration. L. S. Izhmets. Gid khir. 9 no. 6 76-82 N-D '67.
- Effect of hydrogen sulfide baths on barrier function of the liver in regard to hydrogen sulfide. S. I. Kaplan, E. G. Kopteva. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 435-439 S-O '67.
- Effect of ultrasound on noninfectious suppurative inflammation. M. M. Smysk, V. M. Shari'ko. Pat. fiziol. i eksp. terap. 11 no. 6 67-68 N-D '67.
- Exchange of experience in nasocetophoretic treatment of nocturnal enuresis. G. D. Shevardin. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 458-459 S-O '67.
- Exercise therapy in the U.S.S.R. I. A. Kriachko. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 496-401 S-O '67.
- Experience in using different types of electrostimulation in atrioventricular block. A. S. Rovnov, S. S. Grigorov. Gid khir. 9 no. 6 30-42 N-D '67.
- Influence of the factor of trace distribution of the dose on the effect of irradiation of the thyroid gland. IU. A. Klassovskii. Vest AMN SSSR 22 no. 12 25-30 '67.
- Integrating in one person the functions performed by a medical specialist in physiotherapy and therapeutic physical exercises; joint meeting of Leningrad scientific and medical societies of physiotherapists, health resort specialists and workers in medical control and exercise therapy. A. D. Golendberg, V. K. Dolgoyevskii. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 464-465 S-O '67.
- Intersectoral conference on therapeutic physical exercises in Odessa. A. E. Shterengerts. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 467-469 S-O '67.
- Main results and aspects of development of radiotherapy in the U.S.S.R. A. V. Kozlova, L. D. Lindenbraten. Med. rad. 12 no. 11 53-52 N '67.
- Methodology of determining the effectiveness of radio-protectors. P. D. Gortizontov, S. A. Davydova, A. B. Tsylin. Pat. fiziol. i eksp. terap. 11 no. 6 80-82 N-D '67.
- Neoplastic effect of radioactive iodine isotopes. L. I. Vasilenko, IU. A. Klassovskii. Vest. AMN SSSR 22 no. 12 30-33 '67.
- Pathological physiology of burns. N. A. Fedorov, E. V. Gubler. Pat. fiziol. i eksp. terap. 11 no. 6 3-13 N-D '67.
- Peat and mud treatment of diseases of the peripheral nervous system. V. V. Apostoliuk. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 454-455 S-O '67.
- Physiotherapy in dermatology over 50 years. V. I. Sukharev. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 421-423 S-O '67.
- Principles of pseudocavitational luminescence of low (therapeutic) ultrasound intensities. O. P. Tsylyev. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 442-446 S-O '67.
- Sanatorium and health resort treatment of cardiovascular diseases. A. F. Tkachenko. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 456-457 S-O '67.
- Speisivets, V. G., and I. I. Sivkov. [Methodological handbook for practical work in physiotherapy for fourth-year students] Metodicheskie posobie k prakticheskim zaniatiyam po fizioterapii dlia studentov IV kursa. Pod red. Z. A. Bondar. Moskva, 1967, 81 p.
- Stages of the development of clinical dosimetry in the U.S.S.R. A. N. Krugauz. Med. rad. 12 no. 11 73-79 N '67.
- Storage of hot paraffin applicators. N. A. Gavrilova. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 458-459 S-O '67.
- Subarachnoid introductions of air in compound treatment of epilepsy. Kh. G. Khodos, V. L. Zueva. Trudy Gos. nauch.-issl. inst. psikh. 47-295-300 '67.
- Temporary and permanent endocardial electrostimulation of the heart in transverse block. A. S. Rovnov, IU. S. Petrosian, S. S. Grigorov. Kardiologiya 7 no. 10 91-96 O '67.
- Therapeutic use of impulse action. V. G. Iasnogorodskii. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 416-420 S-O '67.
- Tracheostomy and artificial pulmonary ventilation in control of acute postoperative pulmonary and cardio-pulmonary insufficiency in tuberculosis of the lungs. L. K. Bogush, V. B. Nefedov, M. Eshankhanov. Gid khir. 9 no. 6 18-24 N-D '67.
- Treatment with transverse intracardiac electrostimulation of the heart. G. Biorck, O. Eghag, D. D. Tvaldiani. Kardiologiya 7 no. 8 64-70 Ag '67.
- Tremorograph: and possibilities of its use in the practice of health resort treatment. A. M. Tereshchenko. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 451-453 S-O '67.
- Ultrasound in treatment and diagnosis; scientific discussion and symposium. Z. S. Kulshova, N. F. Sokolova, M. L. Antropova. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 465-467 S-O '67.
- Ways of the development of medical radiology in the U.S.S.R. G. A. Zedgenidze. Med. rad. 12 no. 11 3-7 N '67.
- 615.8(471.311)—Moscow Province
- Role of the Moscow Province Institute of Physiotherapy and Physiotherapy in the development of Soviet physiotherapy. S. S. Fridland-Kiricheva. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 428-431 S-O '67.
- 615.8(471.63)—Stavropol Territory
- Major trends and some results of experimental work of the Pyatigorsk Institute of Health Resort Therapy, 1922-1967. V. M. Derlabina. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 423-428 S-O '67.
- 615.8(479.24)—Azerbaijan S.S.R.
- Development of physiotherapy in Azerbaijan. I. M. Shermerevich. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 5 431-435 S-O '67.
- 615.9 TOXICOLOGY. POISONS
- Changes in protein fractions and in indices of nitrogen metabolism depending on the gravity of the course of thyroid toxicosis in rabbits. S. G. Gasanov, A. S. Arslanov. Biol. eksp. biol. i med. 64 no. 12 38-40 D '67.
- Changes in the activity of sorbitol dehydrogenase, aspartate aminotransferase and phosphohexose isomerase in the blood serum in rats with acute toxic lesion of the liver. A. A. Pokrovskii and others. Vop. med. khim. 13 no. 5 511-516 S-O '67.
- Changes in the lungs and bifurcation lymph nodes in experimental berylliosis. I. N. Potapova. Arkh. pat. 29 no. 8 61-68 '67.
- Course of experimental tuberculosis in guinea pigs subjected to chronic poisoning with small concentrations of gasoline. G. M. Mikhmetov, G. A. Mikhailova. Sbor. nauch. tr. Bash. gos. med. inst. 16 no. 2 89-95 '65.
- Effect of cerebrocytotoxins on intracerebral penetration of a medicinal agent (tubazil). N. L. Kuznetsova, I. N. Sorokina. Pat. fiziol. i eksp. terap. 11 no. 6 25-30 N-D '67.
- Effect of some vegetative poisons on the degree of thirst. N. B. Sharenkova. Fiziol. zhur. 53 no. 12 1439-1445 D '67.
- Effect of staphylococcal toxins on the cells of blood and tissue cultures. R. P. Ogurtsov. Biol. eksp. biol. i med. 64 no. 12 34-35 D '67.
- Functional changes in animals in α -dinitrophenol hyperthermia under conditions of vegetative ganglionic block. A. L. Degonskii. Pat. fiziol. i eksp. terap. 11 no. 6 63-66 N-D '67.
- Hematological indices in chronic poisoning with petroleum products. Report No. 2. F. S. Khussainova. Sbor. nauch. tr. Bash. gos. med. inst. 16 no. 2 40-44 '65.
- Localization of antibody biosynthesis in intact rabbits and those poisoned with carbon tetrachloride. D. N. Evmin. Zhur. mikrobiol., epid. i immunit. 44 no. 9 145-146 S '67.
- Morphology of acute renal insufficiency caused by some nephrotoxic poisons. N. F. Kanyshina, B. P. Darovskii. Arkh. pat. 29 no. 8 42-47 '67.
- Pathomorphology in poisoning with isopropylbenzene. G. Z. Fakhizina. Sbor. nauch. tr. Bash. gos. med. inst. 16 no. 2 96-100 '65.
- Pathomorphology of chronic poisoning with catalytic gasoline. F. Kh. Shalakhmetov. Sbor. nauch. tr. Bash. gos. med. inst. 16 no. 2 75-88 '65.
- Poisoning with sodium fluosulfate. IU. V. Kolobov. Sud.-med. eksp. 10 no. 4 52 O-D '67.
- Some constructive changes in Lifshits-Pravdin's gas chamber. F. Kh. Shalakhmetov. Sbor. nauch. tr. Bash. gos. med. inst. 16 no. 2 186-180 '65.
- Treatment of traumatic toxicosis with blood plasma from convalescents. I. N. Kruk. Ortop., travm. i protez. 28 no. 8 28-28 Ag '67.
- Unithiol in the treatment of poisoning caused by cardiac glycosides. V. I. Masliuk, T. A. Fedorova. Kardiologiya 7 no. 10 125-127 O '67.
- 616 DISEASE. PATHOLOGY AND MEDICINE
- All-Union Society of Physicians-Laboratorians and the aspects of development of laboratory research in the U.S.S.R. A. S. Petrova, IU. L. Shapiro. Lab. delo no. 10 579-583 '67.
- Berta Moiseyevna Valsburd; obituary. Vest. rent. i rad. 42 no. 6 101 N-D '67.
- Brief report of the Board of the All-Union Scientific Society of Pathophysiologists on the work in 1966. I. R. Petrov, E. V. Gubler. Pat. fiziol. i eksp. terap. 11 no. 6 85-86 N-D '67.
- Changes in the functional state of the liver, cardiovascular system and upper respiratory tract in workers employed in the manufacturing of insecticide-fungicide copper trichlorophenolate. Preliminary report. P. R. Komarov. Sbor. nauch. tr. Bash. gos. med. inst. 16 no. 2 129-134 '65.
- Clinical analysis of actual problems of occupational pathology in the petrochemical industry. I. I. Geller. Sbor. nauch. tr. Bash. gos. med. inst. 16 no. 2 18-21 '65.
- Clinical radioisotope diagnosis in the U.S.S.R. V. Z. Agranat, G. A. Zubovskii, F. M. Liashin. Med. rad. 12 no. 11 26-34 N '67.
- Concerning classification of hiatus hernias, discussion of B. V. Petrovskii and N. N. Kanashin's article "Classification of hiatus hernias." A. L. Izenshtat. Vest. rent. i rad. 42 no. 6 84-86 N-D '67.
- Controlled changes in the physiological state of cellular membranes as one of the principles of influence on the course of a pathological process. A. M. Chernikh, I. S. Rudakova. Biol. eksp. biol. i med. 64 no. 11 60-64 N '67.
- Detection of phosphatases by the azo coupling method using Soviet technical diazoles. G. M. Nikolov. Arkh. pat. 29 no. 8 81-83 '67.
- Development of nystagmus in rabbits. F. N. Kosmirskaia, E. G. Balashova. Fiziol. zhur. 53 no. 12 1424-1431 D '67.
- Device for automatic numbering and photic marking of roentgenograms. B. A. Alekseev. Vest. rent. i rad. 42 no. 6 87-89 N-D '67.
- Effect of luminal on some indices of the immunological reactivity in rabbits. B. K. Shapiro. Trudy Gos. nauch.-issl. inst. psikh. 17 238-241 '67.
- Effect of ultrasound on noninfectious suppurative inflammation. M. M. Smysk, V. M. Shari'ko. Pat. fiziol. i eksp. terap. 11 no. 6 67-68 N-D '67.
- Eingorn, A. G. [Pathological physiology and pathological anatomy] Patologicheskaia fiziologiya i patologicheskaya anatomia. Moskva, Meditsina, 1966. 447 p.
- 4th Republic Conference of Pathoanatomists of Latvia. M. P. Skudra and others. Arkh. pat. 29 no. 8 52-53 '67.
- [General problems of pathology. Oncology] Ref. zhur. Ob. vop. pat. Onk. nos 10-11 N '67. Avtorskii ukazatel' za 1966. [Subject index for 1966].
- Georgii Andreevich Burachenko, obituary. Vest. rent. i rad. 42 no. 6 102 N-D '67.
- Immunofluorescence method for the detection of circulating antibodies in patients sensitive to pollen. N. V. Medunitsyn, F. F. Lukmanova. Zhur. mikrobiol., epid. i immunit. 44 no. 9 108-112 S '67.
- Izmail Iosifovich Shakov, obituary. Vest. rent. i rad. 42 no. 6 102 N-D '67.
- Kupcinskais, Juozas, and others. [Internal diseases] Vidaus ligos Vilnius, Mintis. [In Lithuanian]. Pt. 2. Vadovėlis priuostas, vadovaujant J. Kupcin skul. 1967. 323 p. (DNLM)
- Lasers in medicine. L. S. Urkhamer. Med. tekhn. 1 no. 6 58-59 N-D '67.
- M. S. Ovoshchikov's lens fluorograph and prospects for introducing bone fluorography into polyclinical practice. P. A. Barykin. Vest. rent. i rad. 42 no. 6 66-70 N-D '67.
- Maitina, E. Sh., and V. V. Mon'shikov. [Clinical biochemistry of catecholamines] Klinicheskaya biokhimiya kate kholaminov. Moskva, Meditsina, 1967. 303 p. (DNLM)
- Modeling in pathology and medicine. I. V. Davydovskii. Arkh. pat. 29 no. 8 7-14 '67.
- Morphological characteristics of local tissue reactions in intramuscular introduction of aerosol of silicon dioxide and quartz dust in mice. T. S. Sunargulov. Sbor. nauch. tr. Bash. gos. med. inst. 16 no. 2 142-149 '65.
- On the 80th birthday of I. V. Davydovskii. Arkh. pat. 29 no. 8 3-6 '67.
- Osinov, I. N. [Causes of clinical errors in pediatrics] Prichiny diagnosticheskikh oshibok v pediatrii. Moskva, Meditsina, 1967. 147 p. (Biblioteka prakticheskogo vracha). (DNLM)
- Pathomorphology in poisoning with isopropylbenzene. G. Z. Fakhizina. Sbor. nauch. tr. Bash. gos. med. inst. 16 no. 2 96-100 '65.
- Photolaboratory table. A. G. Gavrilin, I. M. Pylytskov. Vest. rent. i rad. 42 no. 6 86 N-D '67.
- Radioembryological effect and its significance for pathology. L. A. Piontkovskii. Pat. fiziol. i eksp. terap. 11 no. 6 13-20 N-D '67.
- Reaction of the mast cells to the introduction of NaCl, heparin and histamine solutions. N. F. Vorob'eva, V. V. Vinogradov. Arkh. pat. 29 no. 8 57-61 '67.
- Some characteristics of the reactivity in epileptic patients and their significance for the treatment. A. I. Fridlanski. Trudy Gos. nauch.-issl. inst. psikh. 47 216-221 '67.
- Structure of the results of roentgenological research as an index of roentgenodiagnostic work. M. Dmitrov, D. Dobrev, N. Maleev. Vest. rent. i rad. 42 no. 6 70-74 N-D '67.
- Work load standards for physicians in X-ray rooms. A. I. Katsman, K. B. Tikhonov, V. I. Kristiani. Vest. rent. i rad. 42 no. 6 75-81 N-D '67.

616(471.324)—Voronezh Province

The Voronezh paradox. V. Ljubovnyi. Okhr. truda i sots. strakh. 10 no. 12 22 D '67.

616(471.41)—Tatar A. S. S. R.

Characteristics of general morbidity, especially hypertension, among petroleum workers of Romashkino and Baly fields of the Tatar Autonomous S. S. R. during 1958-1962. N. N. Fatkulina. Sbor. nauch. trud. Bash. gos. med. inst. 16 no. 2 27-34 '65.

616(471.52)—Bashkir A. S. S. R.

Distribution of hypertension and atherosclerotic cardiosclerosis among workers of the petroleum refinery and oil field of Ishimbay. Z. Sh. Zagidullin and others. Sbor. nauch. trud. Bash. gos. med. inst. 16 no. 2 22-26 '65.

Participation of Bashkir Medical Institute in the study of occupational diseases in petroleum workers of Bashkiria. Z. Sh. Zagidullin. Sbor. nauch. trud. Bash. gos. med. inst. 16 no. 2 3-17 '65.

616(533)—Yemen

Experience of a physician-laboratory technician in the municipal hospital of Hodeida (Arab Republic of Yemen). E. A. Logoshev. Lab. delo no. 10 636 '67.

616.00 MORBID PROCESSES. LESIONS

Abashev-Konstantinovskiy, A. I. [Psychopathology in cerebral tumors.] Psikhopatologiya pri opykhakh molovno mozku. Kiev, Dzerzhimedyad, URSR, 1964. 283 p. (Biblioteka prakticheskoy psikiatrii) (DNLM)

Activity of proline oxidase in animal tissues in the modeling of a rheumatoid process. T. N. Plotasova, E. F. Kozmina. Vop. med. khim. 13 no. 5 546-550 S-O '67.

Alcoholism and heredity. I. I. Lukomskiy, Zhur. nevr. i psikh. 67 no. 12 1869-1872 '67.

Amidation of blood proteins in tuberculosis. A. I. Silakova, G. Kh. Dudchuk. Probl. tub. 15 no. 12 40-43 '67.

Antibodies to DNA in the serum of man and animals with tumors. I. U. N. Boridushov, I. A. Kosarevskaya, M. I. Levi. Biol. eksp. biol. i med. 64 no. 10 74-75 O '67.

Antishock effect of polyvitamin fluid. N. P. Komhat'ev. Vest. khir. 99 no. 12 18-22 D '67.

Attempt to overcome lymphoid atrophy in secondary disease of radiation chimeras by means of transplanting lymphocytes of the line of the recipient. L. V. Koval'chuk, I. U. M. Zaitseva. Biol. eksp. biol. i med. 64 no. 10 82 O '67.

Basic results and some problems of research in the field of the clinical aspects, diagnosis, and prevention of radiation sickness in man. A. K. Gus'kova. Med. rad. 12 no. 11 53-64 N '67.

Blastomogenic properties of some chewing tobacco components. A. I. Aronskii. Izv. AN Tur. SSR, Ser. biol. nauk no. 4 88-90 '67.

Causes of the regrowth of metastases of cancer of the mammary glands during hormone therapy. N. I. Lazarev, A. K. Kurashov, M. Kh. Chalov. Biol. eksp. biol. i med. 64 no. 11 118-121 N '67.

Cell population kinetics in the process of carcinogenesis and tumor growth. O. S. Frankfur. TSitologiya 9 no. 9 1103-1120 S '67.

Change in antioxidant activity of lipids in the course of the development of transplantable hepatoma 22-a. T. B. Burjakova, N. P. Pal'mina. Biofizika 12 no. 8 1032-1036 N-D '67.

Changes in the course of gametogenesis as a possible consequence of radiation disintegration of the endocrine system. G. M. Petrov. Vest. AMN SSSR 22 no. 12 45-53 '67.

Changes in the motor and sensory nerve endings of the musculus gastrocnemius in the process of development of an induced rhabdomyosarcoma. L. N. Lebedeva, G. G. Orlova. Biol. eksp. biol. i med. 64 no. 12 95-97 D '67.

Changes in the testes in white rats following single and chronic effect of γ -rays in small and medium doses. S. A. Keizer, G. A. Lemash. Vest. AMN SSSR 22 no. 12; 53-58 '67.

Characteristics of adaptation and protection reaction of the body following thermal trauma. I. I. Kolker and others. Pat. fiziol. i eksp. ter. 11 no. 6 20-25 N-D '67.

Characteristics of amputations of burnt extremities. V. A. Kramorev. Vest. khir. 99 no. 12 66-69 D '67.

Characteristics of the clinical aspects and course of epileptic syndromes in intracranial tumors of the temporal portion. L. P. Lobova. Trudy Gos. nauch.-issl. inst. psikh. 47 92-98 '67.

Characteristics of the development of thermic inflammation in acute radiation sickness. L. L. Romanovskaya, V. N. Dorofeev, L. V. Koziova. Biol. eksp. biol. i med. 64 no. 10 31-34 O '67.

Comparative study of rat sarcoma cathexins and hepatic cathexins in healthy rats and rats with sarcoma. O. V. Kazakova, V. N. Orekhovich. Biol. eksp. biol. i med. 64 no. 11 76-80 '67.

Content of ascorbic acid in radiosensitive tissues depending on the dose of ionizing radiation (γ -rays). B. A. Lavrov, I. U. M. Filippov, B. I. Ivanovskaya. Biol. eksp. biol. i med. 64 no. 12 46-50 D '67.

Cytotoxic effect of standard scarlet fever toxin and bouillon filtrates of Streptococci in cell cultures. Z. I. Galunina, N. S. Zakhar'evskaya. Zhur. mikrobiol., epid. i immun. 44 no. 9 115-118 S '67.

Dependence of the level of the mitotic activity of tumor cells on the periodical introduction of antineoplastic sera. S. V. Sukhorukikh. Biol. eksp. biol. i med. 64 no. 10 75-78 O '67.

Dynamics of some indices of electrolyte metabolism in diabetes mellitus in children. G. V. Plakina, N. A. Matveeva. Lab. delo no. 9 533-535 '67.

Early reaction of the thyroid gland following total γ -irradiation. A. V. Tkachev. Vest. AMN SSSR 22 no. 12 58-61 '67.

Effect of anesthesia and surgical trauma on blood pseudocholinesterase activity in patients with suppurative processes in the lungs and cancer of the stomach and esophagus. V. N. Koshelev, I. U. P. Aver'ianov. Vest. khir. 99 no. 12 22-25 D '67.

Effect of cortisone and adrenaline on the antineoplastic activity of chlorobutene (chlorambucil) under experimental conditions. A. I. Kravchenko, I. U. N. Korobova. Farm. i toki. 39 no. 6 737-740 N-D '67.

Effect of hypoxia on the cardiac activity in young and old animals with experimental atherosclerosis. L. P. Cherkasskii. Kardiologiya 7 no. 10 119-122 O '67.

Effect of mevinamine on the growth of transplantable tumors. L. F. Mal'tseva, I. A. Rudzik. Farm. i toki. 39 no. 6 715-717 N-D '67.

Effect of polycrystalline pirrolidone on antineoplastic and toxic properties of some antitumor preparations. V. A. Korotkova. Farm. i toki. 39 no. 6 710-743 N-D '67.

Enzyme activity of the sarcoplasmic reticulum following compensatory hypertrophy of the myocardium. A. A. Poprovskii and others. TSitologiya 9 no. 9 1137-1143 S '67.

Expansion of unsaturated fatty acids in malignant growth. E. A. Neifakh, V. Z. Lankin. Biofizika 12 no. 6 1085-1088 N-D '67.

Experience in using tetracyclines in prevention and treatment of infection in lesions of bones and soft tissue. V. I. A. Shlapoberskii and others. Ortop., travm. i protez. 28 no. 8 3-8 Ag '67.

Functional state of the hypothalamic-adrenal system and radioresistance. L. A. Timov, G. A. Vasil'ev, S. L. Bandman. Vest. AMN SSSR 22 no. 12 18-24 '67.

Gastroctomy with establishing an esophago-duodenal anastomosis using mechanical sutures in cancer of the stomach. V. I. Kukosh, L. F. Cherenukhin, I. I. Kazimirov. Med. tekhn. 1 no. 5 54-56 S-O '67.

Immunomorphological diagnosis of rhabdomyosarcoma. V. S. Rukosuev, N. A. Probatova. Arkh. pat. 29 no. 8 21-25 '67.

Kinetics of free radical concentration changes in the course of solid sarcoma-37 form development. A. N. Sapin and others. Biofizika 12 no. 6 1022-1025 N-D '67.

Kinetics of the change in free radical content in the course of Walker carcinoma development and thio-TCPA action. A. N. Sapin and others. Biofizika 12 no. 6 1099-1102 N-D '67.

Let that wound inflicted with a toy pistol. I. U. P. Edel', Sud.-med. ekspert. 10 no. 4 50-51 O-D '67.

Leukemogenic activity of the ultracentrifugate of leukemic human tissue passaged in tissue culture. V. M. Bergol'ts, V. V. Dement'eva, B. E. Chechik. Biol. eksp. biol. i med. 64 no. 12 73-75 D '67.

Localizer for the detection of nonferromagnetic metallic foreign bodies in the organism. A. I. Portniagin, V. P. Leman. Med. tekhn. 1 no. 6 42-45 N-D '67.

Malignant synovitis. B. F. Skvoznikov. Vest. khir. 99 no. 12 108 D '67.

Materials on blastomogenicity of crude oil of Tuymazy fields. V. A. Zhukhin and others. Sbor. nauch. trud. Bash. gos. med. inst. 16 no. 2 55-61 '65.

Materials on blastomogenicity of distillate of machine oil 15-46 of petroleum of Tuymazy field. M. G. Buragimov. Sbor. nauch. trud. Bash. gos. med. inst. 16 no. 2 68-74 '65.

Materials on blastomogenicity of mazut of the Tuymazy field petroleum. M. G. Buragimov. Sbor. nauch. trud. Bash. gos. med. inst. 16 no. 2 62-67 '65.

Mechanism of the action of the inhibitor of protein synthesis in the cells of ascitic carcinoma following infection with oncopulmonary carcinoma viruses. M. K. Kukhanova, N. V. Kaverin. Vop. med. khim. 13 no. 5 522-530 S-O '67.

Metastasis of the thyroid gland adenoma. L. S. Bodunova. Vest. rent. i rad. 42 no. 6 94-96 N-D '67.

Method of specific diagnosis and study of allergy to chemical compounds in vitro. I. E. Sosonkin. Lab. delo no. 10 613-616 '67.

Methodology of detection of cancer cells in the contents of serous cavities. B. N. Tshibol', V. M. Solominova. Lab. delo no. 9 518-519 '67.

Mitotic cycles of leukemic cells. L. P. Lipchikina. TSitologiya 9 no. 9 1093-1102 S '67.

Morphofunctional changes in the adrenal glands following internal irradiation of the body. G. A. Zedgenidze, I. S. Amosov, G. A. Tkacheva. Vest. AMN SSSR 22 no. 12; 15-17 '67.

Morphological characteristics of the variations of chondrogenic and osteogenic sarcomas. I. D. Shiperling. Arkh. pat. 29 no. 6 68-73 '67.

Neoplasms of the kidneys and the upper urinary tract. A. I. A. Pytel', S. D. Goligorskiy. Urol. i nefr. 31 no. 6; 59-68 S-O '66.

Neoplastic effect of radioactive iodine isotopes. I. I. A. Vasilenko, I. A. Klassonkii. Vest. AMN SSSR 22 no. 12 30-33 '67.

Neuroendocrine disintegration in radiation syndrome. A. A. Voutkevich. Vest. AMN SSSR 22 no. 12 5-14 '67.

Ovnanian, K. T., and A. M. Tarnopol'skii. [Tumors of the small intestine and its mesentery.] Opukholi tonkoi kishki i ee bryzheiki. Kiev, Zdorov'ia, 1966. 174 p. (DNLM)

Pathological physiology of burns. N. A. Fedorov, E. V. Gubler. Pat. fiziol. i eksp. ter. 11 no. 6 3-13 N-D '67.

Polosukhin, A. P. [Selected works.] Izbrannye trudy. Alma-Ata, Nauka, 1967. 243 p.

Postmortal changes in the elastic structures of pulmonary vessels and bronchi in head trauma and strangulation. V. L. Boguslavskii. Sud.-med. ekspert. 10 no. 4 16-18 O-D '67.

Postvaccinal allergy and incidence of tuberculosis in young children following peroral and intracutaneous BCG vaccination. V. M. Boris. Probl. tub. 45 no. 7; 12-14 '67.

Postvaccinal allergy in schoolchildren vaccinated intracutaneously with 0.05 mg BCG. L. M. Plotnikova. Probl. tub. 45 no. 7 14-17 '67.

Primary tumor of the ureter of the solitary kidney. M. F. Ageev. Urol. i nefr. 31 no. 5 51-52 S-O '66.

Roentgenoscopic depth detector of the localization of contrast pathological formations and foreign bodies. S. A. Sedov. Vest. rent. i rad. 42 no. 6 89-90 N-D '67.

Sensitized electrochemiluminescence and carcinogenic activity of a number of hydrocarbons. I. U. P. Kozlov, G. E. Mikhailovskii. Biofizika 12 no. 6 1087-1088 N-D '67.

Some characteristics of proliferative processes in neoplastic tissues. I. U. M. Vasil'ev. TSitologiya 9 no. 9 1121-1128 S '67.

Some cytotoxic indices of leucocytes under prolonged effect of petroleum products. Report No. 1. F. S. Khudanova. Sbor. nauch. trud. Bash. gos. med. inst. 16 no. 2 33-35 '65.

Some problems of ethionamide chemotherapy. N. M. Rudoi, V. V. Utkin, I. E. Fedorova. Probl. tub. 45 no. 7 49-55 '67.

Stimulation of the growth and artificial heterogenization of tumors by the vaccinating SV40 virus and adenovirus of the type 16. V. P. Gambuz, A. L. Lioznoi. Biol. eksp. biol. i med. 64 no. 10 76-81 O '67.

Study of the structure of deoxyribonucleoprotein of the spleen and lungs in mice in an early period following the effect of radiation and urethane. M. A. Grigorovich, M. T. Ivanov. Biol. eksp. biol. i med. 64 no. 12 41-41 D '67.

Symposium dedicated to the problem of pathogenesis, clinical aspects, and treatment of the hemorrhagic syndrome in radiation sickness. Med. rad. 12 no. 11 80-81 N '67.

Treatment of infected wounds with powdery mixture. I. D. Zhidnuk. Vest. khir. 99 no. 12 68-74 D '67.

Ultrastructure of neurosecretory cells of the suprapneumatic nucleus in rats following radiation lesion. I. I. Dedov. Vest. AMN SSSR 22 no. 12 38-45 '67.

Unusual gunshot wound. L. B. Virnik, I. F. Eliseeva-Elisekh. Sud.-med. ekspert. 10 no. 4 51-52 O-D '67.

Use of peritoneal dialysis in the treatment of tuberculosis of the urogenital system. E. B. Gorbovitskii, D. G. Ravich, T. P. Mochalova. Probl. tub. 45 no. 12 69-70 '67.

Value of various antibiotics and methods of their utilization in the treatment of infectious complications from injuries. M. N. Farshatov, A. N. Gerasimov. Ortop., travm. i protez. 28 no. 8 9-12 Ag '67.

Vascular reactions in the area of gunshot wound immediately following its affliction. F. A. Vonglukhala, V. L. Syatetskiy, S. M. Shegolev. Sud.-med. ekspert. 10 no. 1 20-23 O-D '67.

616.00(471.318)—Kaluga Province

Some data on the incidence of osteoarticular tuberculosis and morbidity in Kaluga Province. B. V. Bordenikov. Probl. tub. 45 no. 7 22-23 '67.

616.00(478)—Moldavian S. S. R.

Experiences in control of osteoarticular tuberculosis in Bukovina. L. M. Solov'ev, Probl. tub. 45 no. 7; 23-25 '67.

616.00(575.2)—Kirgizst. S. S. R.

Organization of medical service for children from tuberculosis foci in Osh Province. R. G. Bauer, V. V. Jordan. Probl. tub. 45 no. 12 7-9 '67.

616.089 SURGICAL, OPERATIVE TECHNIQUE

Intraosseous osteosynthesis with twisted metal in diaphyseal fractures of the humerus. P. N. Petrov. Ortop., travm. i protez. 28 no. 8 20-33 Ag '67.

Method of surgery in tendon ruptures of the common extensor of the fingers. T. Krenzhel'. Ortop., travm. i protez. 28 no. 8 81-82 Ag '67.

One more step of the work in the new way. I. Kolmakov. Sots. zdrav. 42 no. 12 44-45 D '67.

Osteosynthesis of fragments of the metacarpal bones and finger phalanges with Cynocryl glue. V. A. Popov. Ortop., travm. i protez. 28 no. 8 55-56 Ag '67.

Using nylon sleeves in primary suture of flexor tendons of the fingers and hands. T. G. Bolorussova. Ortop., travm. i protez. 28 no. 8 55-58 Ag '67.

With the feeling of joy. N. Korolev. Sots. obsp. 42 no. 12 7 D '67.

We are improving the service. V. Skorenko. Sots. obsp. 42 no. 12 44-45 D '67

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- Accelerated method of determining fibrinogen concentration in blood plasma. IU P Nikitina, IU L Baskanova. Lab. delo no 10 624 '67
- Activity of some enzymes during the pentose phosphate cycle of carbohydrate metabolism in experimental atherosclerosis induced in various ways. I. V. Sidorenko, T. I. Kolpakova. Vop med. khim. 13 no. 5 535-538 S-O '67
- Acute lila adenitis in children. R. S. Shizel' Vest. khir. 99 no 12 96-98 D '67
- Acute myocardial infarct as a complication of surgery on the heart. R. N. Lebedeva, K. A. Gornak. Kardiologia 7 no 8 47-54 Ag '67.
- Antidation of blood proteins in tuberculosis. A. I. Sitakova, G. Kh. Dudchik. Probl. tub. 45 no 12 40-43 '67.
- Angiobronchographic and electrocardiographic comparisons in late periods following lobectomy. IU A Muronshin, L. V. Soldatova. Grud khir. 9 no 6 64-71 N-D '67.
- Angiographic observations in vascular lesions of the brain. E. Heinsoo. Vop klin. nevro. i psikh. 6 64-70 '68.
- Antibodies to DNA in the serum of man and animals with tumors. IU N Boudushkov, I. A. Kosarevskaya, M. I. Lavi. Biol. eksp. biol. i med. 64 no 10 74-75 O '67
- Artificial heart implanted in the body. B. V. Petrovskii, V. I. Shumakov. Kardiologia 7 no. 8 14-20 Ag '67
- Asynchronism in the action of the left and right ventricles in patients with rheumatic defects of the heart. IU L. Musiuchuk. Kardiologia 7 no. 10 84-91 O '67.
- Atherosclerosis in pulmonary tuberculosis. N. S. Kazyskhanov. Kardiologia 7 no. 10 177 O '67.
- Blood supply to a fractured region in consolidation disorders. E. A. Lus', B. N. Fedorov. Ortop. i travm. i protez. 28 no 8 74-76 Ag '67
- Calcification of the wall of the left atrium. I. M. Pyatkov. Kardiologia 7 no 8 135-136 Ag '67.
- Changes in cholinesterase activity and content of the blood catecholamines in staphylococcal intoxication in adult dogs. V. D. Rozanova. Biol. eksp. biol. i med. 64 no. 10 31-36 O '67
- Changes in the activity of sorbitol dehydrogenase, alaninamide transferase and phosphoglucose isomerase in the blood serum in rats with acute toxic lesion of the liver. A. A. Pokrovskii and others. Vop med. khim. 13 no 5 511-516 S-O '67.
- Changes in the coagulating activity of the blood in reversible myocardial ischemia. N. P. Orlova, P. E. El'gori. Kardiologia 7 no 10 26-28 O '67.
- Changes in the content of myohemoglobin in the heart in experimental myocardial infarct and atherosclerosis. R. A. Fial'kis. Biol. eksp. biol. i med. 64 no 10 10-21 O '67
- Changes in the myocardium in Itsenko-Cushing's disease. V. E. Zaitunians, E. L. Kulinskii. Kardiologia 7 no 8 126-129 Ag '67.
- Changes in the protein fractions of the blood serum in chronic alcoholism. E. IU. Kairi. Vop klin. nevro. i psikh. 6 3-7 '66
- Changes in the rate of the blood flow in cardiac fibrillation before and after its elimination. I. F. Litova. Kardiologia 7 no 8 102-103 Ag '67.
- Changing arterial pressure in the upper and lower extremities during various types of work. A. V. Kozlov, N. A. Stepanchikina. Teor. i prak. fiz. kul't. 20 no 3 41-42 M '67.
- Characteristic disorder of the cardiac rhythm in the acute period of myocardial infarct. E. A. Monastyrskii. Kardiologia 7 no. 8 134-135 Ag '67
- Characteristics of bone marrow sideroblasts in various diseases of the blood system. G. B. Berliner, I. M. Mendelev. Lab. delo no. 10 504-507 '67.
- Characteristics of the diagnosis and surgical treatment of traumatic defects of the heart. F. B. Balizuek, M. I. Bumistov, T. V. Palemarichuk. Grud. khir. 9 no 6 31-38 N-D '67
- Cholinesterase activity of the blood in children with congenital cardiac defects. E. P. Stipanian, L. I. Mikheeva, E. P. Pirkovich. Kardiologia 7 no. 8 70-74 Ag '67.
- Cleatin's derivation and its diagnostic significance. R. D. Banakh. Kardiologia 7 no. 8 132-134 Ag '67.
- Clinical and X-ray diagnosis of mitral and tricuspid defects of the heart. E. A. Grigorlan, I. S. Golubev. Kardiologia 7 no. 10 72-77 O '67.
- Clinical effect and changes in hemodynamics following the use of Inderal. L. A. Afanisev and others. Kardiologia 7 no 10 67-72 O '67.
- Clinical forms of rheumatic cardiac defect in anatomical aspects. G. A. Chekareva. Grud. khir. 9 no. 8 46-50 N-D '67.
- Clinical use of propranolol (Inderal). V. L. Doshchitain, E. I. Zharov, R. O. Arshakuni. Kardiologia 7 no. 10: 59-67 O '67.
- Combined determination of 5 fractions of bilirubin. A. A. Krylov. Lab. delo no. 9 565-566 '67.
- Comparative evaluation of some methods of determining cholesterol in the blood serum. I. Goranov, I. Apostolov. Lab. delo no. 10 594-598 '67.
- Comparative significance of electrocardiographic and vectorcardiographic examination for the diagnosis of hypertrophy of the left ventricle in hypertension. Z. Z. Dostoeva, I. T. Ignat'eva. Kardiologia 7 no. 10 48-53 O '67
- Concerning L. V. Davydovskii's discussion on the nature of atherosclerosis. A. A. Kedrov. Kardiologia 7 no 8 141-143 Ag '67.
- Concerning Professor L. V. Davydovskii's work "Arteriosclerosis as an age-related problem." V. V. Tlavokin. Kardiologia 7 no 8 143-144 Ag '67.
- Congenital phlebectasia of the jugular veins in children. IU. F. Isaakov, IU. A. Tikhonov. Vest. khir. 99 no. 12 88-91 D '67.
- Content of catechol amines and the adenosinetriphosphatase activity of the myocardium in experimental myocarditis. S. B. Rabinan, T. B. Rakhmanova. Biol. eksp. biol. i med. 64 no. 10 22-25 O '67
- Content of cholesterol and its esters in vascular walls in experimental coarctation of the aorta. A. Kh. Khaidarov, N. Sh. Nurullayev. Kardiologia 7 no. 10 116-118 O '67.
- Content of cytochrome in the heart in rabbits in experimental myocarditis. M. V. Solovov, Z. G. Trofimova. IU. V. Bukin. Biol. eksp. biol. i med. 64 no. 12 44-46 D '67.
- Content of haptoglobin in the blood serum in pulmonary tuberculosis. R. A. Radkevich, G. O. Kaminskaya. Probl. tub. 45 no 12 43-48 '67.
- Dependence of the vascular tonus on the form of epilepsy. V. B. Zifalits. Trudy Gos. nauch.-issl. inst. psikh. 47 211-215 '67.
- Dependence of the X-ray picture on the degree of hemodynamic disorders in patent ductus arteriosus. M. V. Murav'ev, R. H. Golozko. Kardiologia 7 no. 8 94-98 Ag '67
- Determination of blood calcium in the treatment of fractures in bones of the extremities. E. P. Zamaraev. Ortop. i travm. i protez. 28 no. 8 42-45 Ag '67
- Determination of blood glutathione. F. L. Gimmerikh. Lab. delo no 9 564 '67
- Determination of fibrinogen in the blood by means of weighing wet fibrin. P. A. Podrabinsk. Lab. delo no. 10 602-604 '67.
- Determination of intracardiac shunt by means of platinum and hydrogen electrode. A. Marchinskii, J. Rugen-lus. Kardiologia 7 no 8 87-93 Ag '67
- Determination of the alkaline reserve of whole blood with calculation of the content of hemoglobin in surgical patients. O. V. Pavlova and others. Lab. delo no. 10 591-594 '67.
- Determination of the volume of circulating blood, plasma and erythrocyte mass by means of Cr⁵¹-labeled donor erythrocytes. A. L. Kozyreva. Lab. delo no. 10 625-626 '67.
- Development of methods in X-ray diagnosis of cardiovascular diseases in the U.S.S.R. P. N. Mazzaev. Vest. rent. i rad. 42 no. 6 3-8 N-D '67.
- Development of surgery for cirrhosis of the liver and portal hypertension in the U.S.S.R. P. N. Napaikov and others. Vest. khir. 99 no. 12 3-12 D '67.
- Diagnosis and surgical treatment of septal defects of the venous sinus. I. K. Oskotin. Grud khir. 9 no 6 29-33 N-D '67.
- Diagnostic possibilities of electrocardiography in diseases of the heart. M. R. Pateev and others. Kardiologia 7 no 8 105-107 Ag '67.
- Diagnostic significance of studying the vascular system of the organ of vision in psychic disorders in advanced age. I. L. Gol'dovskaya. Zhur. nevro. i psikh. 67 no. 12 1831-1836 '67.
- Diagnostic significance of the copper acetate test in Botkin's disease. K. A. Dobrovolskii, N. P. Gorbunova. Lab. delo no. 10 601-602 '67.
- Diagnostic value of intradermal test with normal γ -globulin in infectious hepatitis. M. B. Titov, I. A. Gratsak. Zhur. mikrobiol., epid. i immun. 44 no. 9 104-105 '66.
- Disorders in cerebral carbohydrate and gas metabolism in vascular diseases of the brain. A. E. Kaseik, T. Lees, E. K. Rivis. Vop. klin. nevro. i psikh. 6 71-80 '66.
- Distribution of arterial hypertension and cardiac ischemia with respect to factors of the external environment. G. A. Gol'dberg. Kardiologia 7 no. 10 36-42 O '67.
- Duration of systolic phases in mitral stenosis before and following commissurotomy. V. S. Karpenko, I. S. Gil'mar. E. I. Marynenko. Kardiologia 7 no. 10 122-125 O '67.
- Dynamics of pathological changes in the heart during the acute stage of experimental myocardial infarct. M. E. Rukiskina. Kardiologia 7 no. 8 3-13 Ag '67.
- Dynamics of some indices of electrolyte metabolism in diabetes mellitus in children. G. V. Plakina, N. A. Matveeva. Lab. delo no. 9 533-535 '67.
- Dynamics of the changes in the content of nucleic acids in the endocrine glands in rabbits during experimental atherosclerosis. Z. A. Sokolova. Biol. eksp. biol. i med. 64 no. 10 25-28 O '67
- Dynamics of the electrolyte metabolism and pathomorphological changes in the myocardium in uremia, experimental study. V. P. Krotov, V. M. Popov. Biol. eksp. biol. i med. 64 no. 8 38-42 N-D '67.
- Effect of an exhaustive training load on the cardiac system of young athletes. IU. K. Lukashevich. Teor. i prak. fiz. kul't. 20 no 3 43-45 M '67
- Effect of antiplastin on the course of experimental hypofibrinogenemia. V. E. Pastorova, B. A. Kudras. Biol. eksp. biol. i med. 64 no 11 64-67 N '67.
- Effect of cardiac glycosides on myocardial metabolism in cardiac insufficiency. E. I. Sokolov, I. A. Ores'k. Farm. i toks. 30 no 6 684-688 N-D '67.
- Effect of chronic tonsillitis on the myocardium. A. S. Popova. Teor. i prak. fiz. kul't. 30 no. 11 49-43 N '67.
- Effect of "diabetic" serum on the respiration and carbohydrate metabolism of evadate leucocytes in rabbits under normal conditions and in experimental diabetes. S. A. Shestakova. Vop. med. khim. 13 no. 5 461-464 S-O '67.
- Effect of diprazine and dimedrol on collateral coronary circulation. E. A. Gubarev, V. V. Pichugin. Farm. i toks. 30 no. 6 681-684 N-D '67
- Effect of hyper- and hypocapnia on the impulse activity of inspiratory and expiratory neurons of the reticular formation of the medulla oblongata. A. M. Kulik, I. N. Kondrat'eva. Biol. eksp. biol. i med. 64 no. 12 10-13 D '67
- Effect of hypoxia on the cardiac activity in young ardeid animals with experimental atherosclerosis. I. P. Cherkvskii. Kardiologia 7 no. 10 113-122 O '67.
- Effect of neurotropic pharmacological substances on cholesterol metabolism in experimental atherosclerosis. L. A. Mnenikov, N. M. Lobova, V. A. Kaseik. Pat. fiziol. i eksp. terap. 11 no. 6 40-43 N-D '67.
- Effect of nicotinamide on the content of high-energy phosphorus compounds in the myocardium under normal conditions and in myocarditis. S. E. Severin, L. A. Tseitlin. Vop. med. khim. 13 no 5 498-502 S-O '67.
- Effect of Potassium coeruleum on the coagulability of the blood. V. N. Mironov. Farm. i toks. 30 no 6 699-701 N-D '67
- Effect of pyruvic acid on the development of cholesterol atherosclerosis in rabbits. D. A. Kaidin. Kardiologia 7 no. 10 135-136 O '67.
- Effect of serotonin on the blood coagulation system. R. S. Kuydenbaeva. Farm. i toks. 30 no. 6 699-701 N-D '67
- Effect of serotonin on the volume rate of coronary circulation in cats in its isolated use and on a background of inhibitors of monoamine oxidase. A. P. G. L. L. Solonenko. Farm. i toks. 30 no 6 678-681 S-D '67.
- Effect of serotonin on the volume rate of the blood flow and pO₂ in some regions of the brain. M. D. Maslinski, V. P. Lanskil. Biol. eksp. biol. i med. 64 no. 11 95-99 N '67.
- Effect of some hypotensive substances on the fibrinolytic and deposition of pressor amines. A. I. Cherkov, S. P. Frantsuzova, I. S. Chekman. Biol. eksp. biol. i med. 64 no. 11 91-95 N '67.
- Effect of the anticoagulant nafarin on immunological reactivity. I. F. Kovalev, K. M. Lakin. Farm. i toks. 30 no 6 686-690 N-D '67.
- Effect of the cofactors of synthesis and precursors of nucleic acids on the contractile function of the heart in experimental myocardial infarct. G. I. Maiakovskaya, E. Z. Meerson. Pat. fiziol. i eksp. terap. 11 no 6 30-31 N-D '67.
- Effect of timanyl on lipid metabolism, hemodynamics, and coronary blood flow in patients with atherosclerosis of the coronary vessels. P. M. Savenkov, E. L. Zharov, R. O. Arshakuni. Kardiologia 7 no. 8 40-44 Ag '67.
- Effect of vasodilating agents on the basal tone and response reactions of vessels in electric stimulation of sympathetic nerves. I. E. Kisin. Farm. i toks. 30 no 6 674-678 N-D '67
- Effectiveness of Onosma in experimental hypertension. A. P. Lavin, N. N. Aleutskii. Farm. i toks. 30 no 6 684-686 N-D '67.
- Electrocardiographic changes in patients with tricuspid atresia. L. A. Barskaya, V. S. Chekanov. Kardiologia 7 no. 8 75-78 Ag '67.
- Electrocardiography in coarctation of the aorta before and at late periods following surgical treatment. F. I. Zargari, I. T. Kitneva, G. U. Mal'sagov. Kardiologia 7 no. 10 43-48 O '67.
- Electrocardiography method in diagnosing hypertension of pulmonary circulation. L. A. Kul'kina, A. I. Nezis. Vest. rent. i rad. 42 no. 6 19-25 N-D '67.
- Epileptic syndrome in ischemic insult in the zone of the anterior cerebral artery. D. F. Klushin. Trudy Gos. nauch.-issl. inst. psikh. 47 113-116 '67.
- Erythrocyte sedimentation reaction in skaters. M. A. Efman, V. G. Polovtsev, N. A. Pampura. Teor. i prak. fiz. kul't. 20 no. 3 33-35 M '67.
- Evaluation of the degrees of thromboses. S. Sh. Piskov. Lab. delo no. 10 627-628 '67.
- Evaluation of the methods of mitral commissurotomy and some factors affecting the outcome of treatment in the light of late results. V. V. Koptil'tsev. Grud khir. 9 no. 6 42-46 N-D '67.
- Excretion of catechol amines with the urine in coronary atherosclerosis. E. A. Toloknova. Kardiologia 7 no. 10 28-32 O '67.
- Experience in using different type of electrostimulation in atriointerventricular block. A. S. Romov, S. S. Grigorov. Grud. khir. 9 no. 6 38-42 N-D '67.

- Focal calcifications of obscure etiology of the serous membranes of the chest cavity. V. I. Romanov. Vest. rent. i rad. 42 no. 6:93-94 N-D '67.
- Function of the kidneys in dogs in experimental hypertension. V. G. Pishnitskii. Pat. fiziol. i eksp. terap. II no. 6:71-73 N-D '67.
- Functional significance of the amygdaloid nucleus in pathology of the restitution period following prolonged interruption of blood circulation. A. V. Volkov. Pat. fiziol. i eksp. terap. II no. 6:43-47 N-D '67.
- Functional state of cerebrocortical vessels in the process of the development of convulsive activity. G. I. Mehedlishvili, D. G. Baramidze. Biul. eksp. biol. i med. 61 no. 11:68-71 N '67.
- Functional state of the brain and cerebral vessels based on electroencephalic and rheoencephalic data in hypertension. L. I. Il'ina, A. A. Burdov. Kardiologiya 7 no. 10:53-59 O '67.
- Histopathology and the significance of its determination in osteoarticular tuberculosis. N. V. Syromiatnikova. Probl. tub. 45 no. 12:19-52 '67.
- Hematological indices in chronic poisoning with petroleum products. Report No. 2. F. S. Khushanova. Sbor. nauch. trud. Bash. gos. med. inst. 16 no. 2:40-44 '65.
- Histogram of the duration of cardiac cycles in arrhythmia. A. V. Sumarokov and others. Kardiologiya 7 no. 10:95-100 O '67.
- Hypertrophy of the right cardiac ventricle following resection of the lungs. I. K. Iosko, O. I. Berezovskii. Vest. khir. 99 no. 12:25-29 D '67.
- Indices of blood circulation in children with osteoarticular tuberculosis in different stages of surgical treatment. I. A. Ugrat'skii, V. M. Pekshueva. Probl. tub. 45 no. 7:67-71 '67.
- Indices of the blood coagulation system in tuberculosis with bronchial fistulas following the resection of lungs before, during and following plastic surgery. B. A. Kuznetsov, V. T. Didenko, I. U. L. Semenovskii. Grud. khir. 9 no. 6:88-94 N-D '67.
- Inadequacy of aortic valves resulting from a bullet wound of the heart. K. N. Stepanov. Arkh. pat. 29 no. 8:73-75 '67.
- Intercoronary anastomoses. I. A. Kats. Kardiologiya 7 no. 6:137-141 Ag '67.
- Interrelations of resistance and permeability of skin vessels in the development of acute inflammatory edema. V. L. Orvin, V. M. Volodin, P. I. A. Gaponiuk. Pat. fiziol. i eksp. terap. II no. 6:53-56 N-D '67.
- Introduction of substances into coronary arteries synchronously with the cardiac cycle. E. I. Charov and others. Kardiologiya 7 no. 10:8-10 O '67.
- Inverted arteriovenous difference of sugar content in maniacal states. L. T. Morozov. Zhur. nevr. i psikh. 67 no. 12:1820-1825 '67.
- Kosenko, Z. V., and E. G. Paramonova. [Psychics and coronary disease] Psikhika i koronarnaya bolezn'. Pod red. V. M. Banskichkova. Moskva, 1967. 243 p. (DNLN).
- Leukemogenic activity of the ultracentrifugate of leukemic human tissue passages in tissue culture. V. M. Beigol'ts, V. V. Dement'eva, B. E. Chechik. Biul. eksp. biol. i med. 64 no. 12:73-75 D '67.
- Materials for the etiology and clinical aspects of the so-called Paget-Schroetter syndrome. M. A. Khel'mskii. Vest. khir. 99 no. 12:110-112 D '67.
- Mechanism of the seasonal rhythm of inflammatory edema. P. P. Golikov. Pat. fiziol. i eksp. terap. II no. 6:75-77 N-D '67.
- Meeting of the Scientific Council on Cardiac Diseases at the Presidium of the Academy of Medical Sciences of the U.S.S.R. L. A. Ryvkin. Kardiologiya 7 no. 9:150-157 Ag '67.
- Methodology of the adsorptive and digestive capacity of neutrophils. A. I. Ivanov, B. A. Chukhlov, Lab. delo no. 10:610-613 '67.
- Mitotic cycles of leukemic cells. L. P. Lipchina. Tsitologiya 9 no. 9:1093-1102 S '67.
- Monocytic system in the interparoxysmal period of epilepsy. I. U. L. Shapiro, M. I. A. Valntrub. Trudy Gos. nauch. -issl. inst. psikh. 47:184-188 '67.
- Morgagni-Adams-Stokes syndrome due to sinoauricular block. D. F. Presniakov, M. V. Spiridonova. Kardiologiya 7 no. 8:129-132 Ag '67.
- Morphological changes in the cerebral vessels in epileptic state. L. V. Dinershtein. Trudy Gos. nauch. -issl. inst. psikh. 47:263-271 '67.
- Morphological composition of the blood in Viatar-line and mongrel rats. I. U. L. Tsygankova, N. G. Iakovleva. Lab. delo no. 10:628 '67.
- Morphology of the changes in the wall of blood vessels under the effect of blows with hard blunt objects. I. U. V. Kuznetsov. Sud. med. ekspert. 10 no. 4:13-16 O-D '67.
- Obtaining of antilobulin serum by the method of combined introduction of antigen. V. I. Levin. Lab. delo no. 9:530-533 '67.
- Ontogenic characteristics of alimentary hypercholesterolemia and aortic lipidosis in rabbits. Kh. M. Markov, V. V. Bankova. Pat. fiziol. i eksp. terap. II no. 6:37-40 N-D '67.
- Oxygen supply and acid-base equilibrium during the irreversible phase of prolonged hypotension caused by hemorrhage. V. B. Kozlov, S. A. Lazarevskii, Q. V. Dolgovaia. Pat. fiziol. i eksp. terap. II no. 6:48-53 N-D '67.
- Oxyhemometric indices in the interparoxysmal period of epilepsy. M. V. Silvanova. Trudy Gos. nauch. -issl. inst. psikh. 47:222-226 '67.
- Pathogenesis of cardiac fibrillation. I. U. A. Kozhevnikov. Kardiologiya 7 no. 8:118-121 Ag '67.
- Physiological myocardial hypertrophy in newborn infants. O. I. Kaufman. Biul. eksp. biol. i med. 64 no. 12:5-7 D '67.
- Possibilities of electrocardiography in the diagnosis of limited adhesions of the pericardium, experimental study. I. V. Tataintseva. Kardiologiya 7 no. 8:108-112 Ag '67.
- Prevention of disorders of coronary blood circulation. G. I. Kostitskii, T. A. Oleshchuk, L. N. Prtykova. Kardiologiya 7 no. 8:58-63 Ag '67.
- Prevention of disorders of vasomotor function and electrolyte balance (Na and K) in the blood of animals with bilaterally denervated carotid sinuses. V. A. Baronenko. Pat. fiziol. i eksp. terap. II no. 6:77-78 N-D '67.
- Primary alveolar echinococcosis of the heart. E. I. Zaslavskii. Arkh. pat. 29 no. 8:75-77 '67.
- Problem of differential diagnosis and therapy of climacteric cardiopathy. A. I. Vorob'ev, F. V. Shishkova, Z. F. Medvedeva. Kardiologiya 7 no. 8:78-87 Ag '67.
- Prolonged use of atromid in coronary atherosclerosis. V. S. Zashchenko. Kardiologiya 7 no. 10:32-35 O '67.
- Psychosyndrome of the right hemisphere of the brain. H. Nurm. Vop. klin. nevr. i psikh. 5:47-51 '66.
- Quantitative analysis of the process of interaction of erythrocytes and bacterial antigens. Report No. 3. Dependence of the process on temperature. B. V. Karal'nik, G. I. Troshina, N. P. Chizhova. Zhur. mikrobiol., epid. i immun. 44 no. 9:121-126 S '67.
- Reaction of heteroagglutination of rooster erythrocytes in epidemic hepatitis. K. A. Andriutsa, S. N. Tsybuliak. Lab. delo no. 10:616-618 '67.
- Resistography of the isolated internal carotid artery. G. I. Mehedlishvili, L. G. Ormotsadze, G. V. Amashukeli. Biul. eksp. biol. i med. 64 no. 10:3-6 O '67.
- Rheographic method of studying blood circulation in bicycle racers. G. V. Mittenberg, P. P. Ozolin. Teor. i prak. fiz. kult. 29 no. 3:38-40 M '67.
- Rheographic methods in studying the influence of physical load upon the regional circulation of blood. L. I. Abramova, L. S. Aleksandrova. Teor. i prak. fiz. kult. 30 no. 2:48 '67.
- Roentgenomography in reduced radiation load. I. P. Kovchuk. Vest. rent. i rad. 42 no. 6:81-84 N-D '67.
- Roentgenological changes in internal organs in Itsenko-Cushing's disease. A. I. Bukhman. Vest. rent. i rad. 42 no. 6:31-39 N-D '67.
- Role of α - and β -receptors in the origin of experimental necroses of the myocardium. Z. I. Vedeneva. Biul. eksp. biol. i med. 64 no. 10:50-53 O '67.
- Role of baroreceptors of the carotid sinuses in reflex regulation of hemodynamic changes in nonanesthetized animals under the effect of transversally directed accelerations. E. B. Shul'chenko. Biul. eksp. biol. i med. 61 no. 12:24-27 D '67.
- Role of the hypothalamohypophyseal neurosecretory system in the genesis of sudden death caused by cardiovascular diseases. Histological and histochemical study. V. I. Prozorovskii and others. Sud. med. ekspert. 10 no. 4:8-13 O-D '67.
- Sanatorium and health resort treatment of cardiovascular diseases. A. F. Tkachenko. Vop. kur., fizioter. i lech. fiz. kult. 32 no. 5:400-411 S '67.
- Significance of oxygen tension in the myocardium in the pathogenesis of ventricular fibrillation in acute coronary insufficiency. V. N. Bricker, E. I. Volpert, A. I. Selvera. Kardiologiya 7 no. 10:15-20 O '67.
- Simple qualitative test for the diagnosis of erythropoietic porphyria. B. N. Krivosheev. Lab. delo no. 10:599-600 '67.
- Site of formation of C-reactive protein. V. M. Zemsakov and others. Pat. fiziol. i eksp. terap. II no. 6:56-59 N-D '67.
- Sodium and potassium in athletes' blood and saliva and their blood serum protein fractions during training. N. L. Aslanian, L. S. Manasian. Teor. i prak. fiz. kult. 30 no. 2:53 F '67.
- Some characteristics of the peripheral blood circulation in paraneuritis of the aorta and its branches. G. S. Litvin, L. A. Lushnikova, F. F. Kil'matova. Kardiologiya 7 no. 8:115-118 Ag '67.
- Some characteristics of the phonocardiogram in grave forms of mitral insufficiency. A. G. Salim'yanova. Kardiologiya 7 no. 10:100-106 O '67.
- Some hematological and biochemical changes in the blood in sarcoidosis. T. N. Oleneva, R. A. Ioffe. Probl. tub. 45 no. 12:33-39 '67.
- Some problems of the dynamics of the indices of blood serum protein in angiotensin. L. Luts. Vop. klin. nevr. i psikh. 6:81-88 '66.
- Some remarks on S. F. Oleinik and R. F. Zubova's article "On the effect of cholesterol load on the level of the common blood cholesterol." E. I. Dolizhe. Kardiologiya 7 no. 8:146-148 Ag '67.
- Splitting of the first and second cardiac sounds in rheumatic lesions of the heart. M. P. Il'in. Kardiologiya 7 no. 10:105-109 O '67.
- Slate of the neuroreceptor apparatus of the large arterial vessels of the brain, heart, and kidneys in hypertension combined with atherosclerosis. A. I. Pollantseva. Kardiologiya 7 no. 8:54-58 Ag '67.
- Structure of the effect of reflexes from the heart in experimental myocardial infarct. A. I. Khomazluk, A. P. Neshchekret, G. V. Zaritskii. Kardiologiya 7 no. 10:11-15 O '67.
- Studies of pharmacology of the cardiovascular system in Soviet Ukraine during 50 years. P. P. Tinius. Farm. i toks. 30 no. 6:646-653 N-D '67.
- Study of changes in the coagulability of blood depending on contrast vasography. R. P. Askerkhanov, M. R. Gidzhiev, B. A. Bagramova. Vest. khir. 99 no. 12:77-81 D '67.
- Study of functional and dystrophic changes of a hypertrophied myocardium in polarized light. S. S. Vali. Arkh. pat. 29 no. 8:25-29 '67.
- Study of mitral stenosis in acute and chronic experiment by the method of ultrasound cardiography. V. I. Garmash, V. N. Glaznov. Pat. fiziol. i eksp. terap. II no. 6:74-77 N-D '67.
- Study of the mechanism of lipid deposition in atherosclerosis. S. Gero and others. Kardiologiya 7 no. 8:20-28 Ag '67.
- Study of the precipitation factor of sera from patients with myocardial infarct. A. M. Golubev, N. M. Potashnik, T. L. Vereina. Kardiologiya 7 no. 8:44-47 Ag '67.
- Surgical aspects of reconstructive operations on the heart and blood vessels. Grud. khir. 9 no. 6:3-9 N-D '67.
- Surgical possibilities in the treatment of acquired defects and diseases of the heart and the indications for operations. B. V. Petrovskii, G. M. Solov'ev. Kardiologiya 7 no. 10:3-8 O '67.
- Surgical treatment of aneurysms of cerebral arteries. D. Raudam, R. Palmre. Vop. klin. nevr. i psikh. 8:80-93 '66.
- Surgical treatment of embolism of the pulmonary artery. N. M. Melnikovskii, M. E. Zhudevich, G. S. Krutovskii. Grud. khir. 9 no. 6:10-16 N-D '67.
- Systemic vasomotor reactions under conditions of hemodynamic isolation of the greater circulation from the heart. T. V. Balueva. Biul. eksp. biol. i med. 64 no. 12:3-5 D '67.
- The T_{V_1} syndrome in athletes. A. A. Pankovich, T. M. Chernyavskaya. Teor. i prak. fiz. kult. 30 no. 2:51-55 F '67.
- Temperature gradients of the heart and the pulse rate in cold-caused cardioplegia. E. N. Vahner. Biul. eksp. biol. i med. 64 no. 12:22-24 D '67.
- Temporary and permanent endocardial electrostimulation of the heart in transverse block. A. S. Rovnov, I. U. S. Petrovskii, S. S. Grigorov. Kardiologiya 7 no. 10:91-98 O '67.
- Tension of free oxygen in tissues in sclerotic vascular lesions. M. V. Vognalip, A. P. Meshkov. Kardiologiya 7 no. 10:174-185 O '67.
- Transaminase activity of the blood serum and cerebrospinal fluid in epileptic patients during the period of treatment. V. P. Khalkov. Trudy Gos. nauch. -issl. inst. psikh. 47:227-230 '67.
- Transaminases and isozymes of lactate dehydrogenase in myocardial microcirculation of a neurogenic nature. Vop. med. khim. 13 no. 5:471-478 S-O '67.
- Treatment of aniline methemoglobinemia with sulfazocin. M. V. Vognalip, A. P. Meshkov. Kardiologiya 7 no. 8:64-70 Ag '67.
- Unusual complication following surgical intervention on the heart for a rare congenital defect of the heart and vessels. V. T. Sviridkin. Grud. khir. 9 no. 6:112-111 N-D '67.
- Use of isoptin in angina pectoris and disorders of the cardiac rhythm. V. L. Donshtayn, R. O. Arshakuni, E. I. Zharov. Kardiologiya 7 no. 8:32-40 Ag '67.
- Use of propranolol in disorders of the cardiac rhythm. S. G. Moiseev, E. Z. Ustinova. Kardiologiya 7 no. 8:98-101 Ag '67.
- Use of trisamine in experimental respiratory acidosis. R. A. Al'tshuler, V. M. Balagin, N. B. Nazarova. Farm. i toks. 30 no. 6:722-726 N-D '67.
- Vascular permeability and methods of its measuring. I. A. Orvin. Lab. delo no. 10:583-589 '67.
- Vascular reactions in the area of gunshot wound immediately following its infliction. F. A. Venglinskaya, V. L. Sviatishchik, S. M. Shchegolev. Sud. med. ekspert. 10 no. 4:20-23 O-D '67.
- Vector electrocardiography in chronic cor pulmonale of patients with tuberculosis. I. U. V. Kulachikovskii. Kardiologiya 7 no. 10:129-133 O '67.
- Volume coefficient in cardiac defects. A. V. Musarova. Kardiologiya 7 no. 10:78-84 O '67.
- X-ray diagnosis in recurrence of mitral stenosis. A. V. Ivanitskii, N. M. Genin. Vest. rent. i rad. 42 no. 6:25-31 N-D '67.

618.1 (477.8)—Western Ukraine

Hemolytic properties of various serological types of Protos isolated in Ivano-Frankovsk Province. V. M. Vitvitskii. Zhur. mikrobiol., epid. i immun. 44 no. 9:91-95 S '67.

618.1 (571.56)—Yakut A. S. S. R.

Incidence of leukemia and mortality in Yakutsk during 1961-1965. N. V. Iakushkov. Lab. delo no. 10:626-627 '67.

616.2 RESPIRATORY DISEASES

- Afference from the upper respiratory tract in the branches of the trigeminal nerve. V. I. But, V. I. Khimova, Chelkova. *Bull. eksp. biol. i med.* 64 no. 12 13-16 D '67
- Age characteristics of the adaptation of breathing to the conditions of muscular activity. K. T. Sokolov. *Teor. i prakt. fiz. kul't.* 30 no. 2 43-47 '67
- Agglutolytic reaction in tuberculosis treated with antibacterial preparations. I. A. Faldet. *Lab. delo* no. 9 519-521 '67
- Angiobronchographic and electrocardiographic comparisons in late periods following lobectomy. I. U. A. Murumskii, L. V. Soldatkina. *Grud. khir.* 9 no. 6 64-71 N-D '67
- Angiomatous leukonychia of the lung. F. S. Korobkov, B. T. Komissarenko, I. U. S. Kozvrev. *Grud. khir.* 9 no. 6 114 N-D '67
- Antituberculous train and its objectives in controlling pneumoconiosis in the Central Kazakhstan. A. I. Nesis. *Nauch. trudy KNIUI* no. 7 340-346 '63
- Antitubercular properties of some derivatives of pyrazine carboxylic acid. V. N. Solov'ev, E. P. Pavlov. *Farm. i toks.* 30 no. 6 734-737 N-D '67
- Aspergillosis in clinical and bacteriological aspects; based on materials of Soviet and foreign literature. I. R. Dainzhova. *Probl. tub.* 45 no. 7 81-86 '67
- Atherosclerosis in pulmonary tuberculosis. N. S. Kazykhov. *Kardiologia* 7 no. 10 137 O '67
- Biliary and bronchial fistula in acute cholecystitis. V. A. Kondzhina, I. U. L. Nemtsher. *Grud. khir.* 9 no. 6 117 N-D '67
- Bronchological characteristics of cicatricial stenosis of large bronchi combined with complications of primary tuberculosis in adults. L. K. Bogush, V. P. Filippov, M. M. Shmel'ev. *Probl. tub.* 45 no. 12 9-13 '67
- Changes in the lungs and bifurcation lymph nodes in experimental berylliosis. I. N. Potapova. *Ark. pat.* 29 no. 6 61-66 '67
- Characteristics of changes in the respiratory rhythm in variously located focal lesions of the brain. V. I. Fantalova, Zhur. *nevro. psikh.* 67 no. 12 1753-1759 '67
- Children must grow up healthy. O. Bryzgalova. *Nar. obz.* no. 8 17-21 Ag '67
- Clinical and experimental separate intubation of the bronchi in asynchronous method of artificial pulmonary ventilation. V. S. Gigan, I. U. V. Kiprenskii. *Grud. khir.* 9 no. 6 107-111 N-D '67
- Combined summary and pointed tomography in the diagnosis of anthracosis. A. I. Nesis. *Nauch. trudy KNIUI* no. 7 319-341 '63
- Comparative data on the toxicity of various derivatives of dihydroxyethylamine, streptomycin, kanamycin and florimycin. E. S. Stepanov, S. S. Gavril'ev, L. V. Golitsyna. *Antibiotiki* 12 no. 12 1105-1109 D '67
- Comparative evaluation of external respiration based on general and specific spirometry for the determination of "functional" operability in pulmonary tumors. O. N. Makatsenko. *Grud. khir.* 9 no. 6 82-85 N-D '67
- Congenital defects of the lungs. E. T. Karapetian, A. V. Indzhizhian. *Probl. tub.* 45 no. 7 55-58 '67
- Content of haptoglobin in the blood serum in pulmonary tuberculosis. R. A. Radkevich, G. O. Kaminskaya. *Probl. tub.* 45 no. 12 13-18 '67
- Course of experimental tuberculosis in guinea pigs subjected to chronic poisoning with small concentrations of gasoline. G. M. Mukhametova, G. A. Mikhailits. *Sbor. nauch. trud. Bash. gos. med. inst.* 16 no. 2 88-95 '65
- Determination of C-reactive protein in bronchial asthma. E. N. Sidorenko. *Lab. delo* no. 9 568 '67
- Diagnostic value of the time factor in the evaluation of the results of reaction on C-protein. O. P. Voskresenskii. *Lab. delo* no. 9 529-530 '67
- Dynamics of pathophysiological changes in acute respiratory insufficiency under the effect of tracheostomy and artificial respiration. L. S. Zakimets. *Grud. khir.* 9 no. 6 76-82 N-D '67
- Effect of hyper- and hypocapnia on the impulse activity of inspiratory and expiratory neurons of the reticular formation of the medulla oblongata. A. M. Kuzik, L. N. Kondrat'eva. *Bull. eksp. biol. i med.* 64 no. 12 10-13 D '67
- Effect of intramuscular and subcutaneous introduction of silicon dioxide on the course of infectious inflammation of the lungs in guinea pigs. T. S. Samargulov. *Sbor. nauch. trud. Bash. gos. med. inst.* 16 no. 2 154-159 '65
- Electroencephalographic changes in pulmonary tuberculosis. N. V. Chelnokova. *Probl. tub.* 45 no. 12 53-60 '67
- Hypertrophy of the right cardiac ventricle following resection of the lungs. I. K. Lotko, O. I. Berezovskii. *Vest. khir.* 99 no. 12 25-29 D '67
- Importance of ultrasound bioelectric of the pleural cavity in chest surgery. I. U. N. Bogin, V. I. Khromenkov. *Grud. khir.* 9 no. 6 85-87 N-D '67
- Indices of the blood coagulation system in tuberculosis with bronchial fistulas following the resection of lungs, before, during and following plastic surgery. B. A. Kuznetsova, V. F. Didenko, I. U. L. Semenenkov. *Grud. khir.* 9 no. 6 88-94 N-D '67
- Interrelations of the increase of heat production inadequate to gas exchange and the disruption of respiration and phosphorylation in cells of the liver in diphtheria intoxication. P. N. Veselkin, E. S. Grament'skaya, L. I. Nislovskaya. *Bull. eksp. biol. i med.* 64 no. 11 56-60 N '67
- Klebsiella bacteriophages. Report No. 3. Characteristics of the Klebsiella pneumoniae phage. I. M. Gavrilovich and others. *Zhur. mikrobiol. i epid. i immun.* 44 no. 9 118-121 S '67
- Material on the state of the nervous apparatus of the lungs in experimental poisoning with silicon dioxide. T. S. Samargulov, O. A. Leshchenko, R. V. Shein. *Sbor. nauch. trud. Bash. gos. med. inst.* 16 no. 2 150-153 '65
- Methodology and technique of combined resection of a bronchus and pulmonary artery with the use of autoplasmic materials, experimental study. I. U. A. Rabinovich. *Grud. khir.* 9 no. 6 50-54 N-D '67
- Microcirculation in the liver in lethal asphyxia and subsequent resuscitation. A. A. Evushenko. *Bull. eksp. biol. i med.* 64 no. 12 28-31 D '67
- Morbidity with temporary disability in workers of Kemerovo Briquet Plant during 1955-1956 and 1959-1960. Kh. S. Kovanova. *Sbor. nauch. trud. Bash. gos. med. inst.* 16 no. 2 163-169 '65
- New method of improving the quality of radioscopic pictures. A. I. Nesis. *Nauch. trudy KNIUI* no. 7 387-390 '63
- Oxygenator-deoxygenator system for reducing characteristics of artificial lungs. I. V. Dalkovsk, V. G. Kiselev, N. A. Ulianov. *Med. toh.* 1 no. 5 14-47 S-O '67
- Paratracheal cyst combined with staphylococcal destruction of the lung. L. E. Kotovich, I. I. L'vuk. *Grud. khir.* 9 no. 6 115-117 N-D '67
- Phagocytic activity and cytochemical properties of poly- and mononuclear elements of pulmonary tissue in white mice following infection with Mycobacterium tuberculosis. L. P. Osipova. *Bull. eksp. biol. i med.* 61 no. 12 63-65 D '67
- Pogovor, V. S., and I. G. Trifanov. [Benign and malignant tumors of the larynx]. *Dobrokhachestvennye i zlokachestvennye opukholi gortani*. Moskva, 1967, 151 p. (DNLM)
- Postmortal changes in the elastic structures of pulmonary vessels and bronchi in head trauma and strangulation. V. L. Boguslavskii. *Sud.-med. eksp.* 10 no. 4 16-19 O-D '67
- Problem of improving the diagnosis and classification of pneumoconiosis. A. I. Nesis. *Nauch. trudy KNIUI* no. 7 331-340 '63
- Radioscopic studies of the sick with anthracosis. A. I. Nesis. *Nauch. trudy KNIUI* no. 7 312-319 '63
- Reflex syndrome of the upper quadrant in patients with pulmonary tuberculosis. E. S. Zaslavskii. *Probl. tub.* 45 no. 7 59-62 '67
- Repeated resection of the lungs for pleural empyema and recurrences of cavern in pulmonary tuberculosis. Z. I. Lyenko. *Grud. khir.* 9 no. 6 72-75 N-D '67
- Resistance of Mycobacterium tuberculosis isolated from resected lungs. I. I. Usov, A. V. Belousov. *Probl. tub.* 45 no. 12 58 '67
- Rheumatological changes in internal organs in Itsenko-Cushing's disease. A. I. Bukhman. *Vest. khir.* 99 no. 6 31-39 N-D '67
- Role of bronchial lesions in the postoperative period following resection of lung for tuberculosis. M. S. Belen'kii, A. F. Efimtseva. *Probl. tub.* 45 no. 12 17-22 '67
- Role of chronic bronchitis in the genesis of atelectasis following partial resection of the lungs. G. I. Lukomskii, E. S. Nogovitsin. *Grud. khir.* 9 no. 6 61-63 N-D '67
- Significance of tracheobronchoscopy under conditions of a sanatorium for adolescent patients with pulmonary tuberculosis. R. Krut'ev. *Probl. tub.* 45 no. 12 14-17 '67
- Silicobronchopulmonary bronchadenitis. V. N. Paikin. *Probl. tub.* 45 no. 12 31-33 '67
- Simultaneous surgery on echinococcosis of the lungs and liver in a child. M. A. Akhmedov, U. B. Bekmuratov. *Vest. khir.* 99 no. 12 103 D '67
- Some problems of determining the extent of surgical intervention in bronchiectasis in children. A. G. Pugachev and others. *Grud. khir.* 9 no. 6 54-61 N-D '67
- Study of the structure of deoxyribonucleoprotein of the spleen and lungs in mice in an early period following the effect of radiation and urethane. N. A. Grigorovich, M. T. Ivanov. *Bull. eksp. biol. i med.* 64 no. 12 41-44 '67
- Studying the strength of respiratory muscles. I. U. S. Shumakova, A. N. Lebed', *Teor. i prakt. fiz. kul't.* 30 no. 2 41-42 F '67
- Tomographic test for diagnosing noncontrast foreign bodies in the bronchi. L. L. Svirin. *Vest. khir.* 99 no. 6 15-19 N-D '67
- Toxic effect of the herbicide sodium salt 2, 4D on the lungs. L. A. Belomytseva. *Sbor. nauch. trud. Bash. gos. med. inst.* 16 no. 2 135-141 '65
- Tracheostomy and artificial pulmonary ventilation in control of acute postoperative pulmonary and cardiopulmonary insufficiency in tuberculosis of the lungs. L. K. Bogush, V. B. Nefedov, M. Eshankhanov. *Grud. khir.* 9 no. 6 18-24 N-D '67
- Two observations of bronchial spasm. A. Z. Beris. *I. U. L. Viner. Vest. khir.* 99 no. 12 105-106 D '67
- Using hormones in silicosis and anthracosis. A. I. Nesis, V. L. Dvoirin. *Nauch. trudy KNIUI* no. 7 347-354 '63
- Value of fluorographic examination in the detection of nontuberculous diseases of the lungs. A. I. Sheurenko, R. I. Voskoboinik. *Vest. khir.* 99 no. 12 129-133 O '67
- Vector electrocardiography in chronic cor pulmonale in patients with tuberculosis. I. U. V. Kulachkovskii. *Kardiologia* 7 no. 10 129-133 O '67
- X-ray diagnosis in bronchiolitis. M. Z. Ufiter, F. A. Krylova. *Vest. khir.* 99 no. 6 8-15 N-D '67
- X-ray diagnosis of changes in the esophagus in coniotuberculosis. O. B. Brodskii. *Probl. tub.* 45 no. 12 27-30 '67

616.2 (471.52)—DASHKIR A. S. S. R.

Clinical aspects and rate of diseases of the upper respiratory tract in workers of a petroleum refinery. V. A. Kudrjavtsev, G. F. Khabibullina. *Sbor. nauch. trud. Bash. gos. med. inst.* 16 no. 2 45-48 '65

616.2 (477)—UKRAINTAN S. S. R.

Diagnosis of tumorous forms of coniotuberculosis in Donetsk Basin coal miners. A. E. Gorbunin. *Probl. tub.* 45 no. 12 23-27 '67

616.3 DIGESTIVE SYSTEM. GASTROENTEROLOGY. DEFICIENCY DISEASES

- Acute hemorrhagic pancreonecrosis in a 3-year-old girl. L. I. Kutavina. *Vest. khir.* 99 no. 12 102 D '67
- Antituberculous function of the liver and antituberculous with osteoarticular tuberculosis. S. K. Udalov, H. P. Mukhina. *Probl. tub.* 45 no. 7 63-67 '67
- "Avionarkon-Sil" intermittent flow anesthesia apparatus for stomatological polyclinics. A. S. Perel'muter and others. *Med. tekhn.* 1 no. 5 37-49 S-O '67
- Biliary and bronchial fistula in acute cholecystitis. V. A. Kondzhina, I. U. L. Nemtsher. *Grud. khir.* 9 no. 6 117 N-D '67
- Changes in the activity of sorbitol dehydrogenase, alanine transaminase and phospholipase in the blood serum in rats with acute toxic lesion of the liver. A. A. Pokrovskii and others. *Vop. med. khim.* 13 no. 5 511-516 S-O '67
- Clinical aspects and treatment of closed injuries of the duodenum. D. A. Smolkin. *Vest. khir.* 99 no. 12 101 108 D '67
- Comparative evaluation of some methods of experimental plastic surgery on the esophagus using the atoms. E. N. Vantsian, O. K. Skobelkin. *Grud. khir.* 9 no. 6 98-107 N-D '67
- Conservative duodenography in rotation lateroscopy. V. N. Kotliarov. *Vest. khir.* 99 no. 6 91-92 N-D '67
- Development of surgery for cirrhosis of the liver and portal hypertension in the U. S. S. R. P. N. Napalov and others. *Vest. khir.* 99 no. 12 3-12 D '67
- Diagnosis and treatment of congenital cystose dilatation of the common bile ducts in children. G. A. Bairo. *Vest. khir.* 99 no. 12 91-96 D '67
- Diagnostic significance of the copper acetate test in Birk's disease. K. A. Dobrovolskii, N. P. Gorbunov. *Lab. delo* no. 10 601-602 '67
- Dialysis intraperitoneal fistula and its use in a physiological experiment. A. M. Ugolev, G. M. Roschikina. *Bull. eksp. biol. i med.* 64 no. 11 140-142 N '67
- Effect of anesthesia and surgical trauma on blood pseudocholinesterase activity in patients with suppurative processes in the lungs and cancer of the stomach and esophagus. V. N. Koshelev, I. P. Aver'ianov. *Vest. khir.* 99 no. 12 22-25 D '67
- Effect of "diabetic" serum on the respiration and carbohydrate metabolism of exudate leucocytes in rabbits under normal conditions and in experimental diabetes. S. A. Shestakova. *Vop. med. khim.* 13 no. 5 461-464 S-O '67
- Effect of E-avitaminosis on the oxidative phosphorylation in skeletal muscle mitochondria. V. A. Irylov'eva, L. V. Shchukina. *Ukr. biokhim. zhur.* 39 no. 4 356-371 '67
- Experience in using diadynamic currents in stomatological practice. E. I. Shakhnovskaya, T. F. Grigor'eva. *Vop. kur., fizioter., i tech. fiz. kul't.* 32 no. 5 457-458 S-O '67
- G. A. Bairov's direct anastomosis in esophageal atresia in newborn infants. V. N. Semenov. *Vest. khir.* 99 no. 12 98-100 D '67
- Gastroectomy with establishing an esophagoduodenal anastomosis using mechanical suture in cancer of the stomach. V. I. Kukosh, L. F. Chermukhin, I. K. Kazimirov. *Med. tekhn.* 1 no. 5 54-56 S-O '67
- Hydrolysis of casein and some of its components by proteases of the gastrointestinal tract. M. P. Chernykh, G. V. Nikol'skaya, E. I. Stan. *Biokhimiia* 32 no. 6 112-1127 N-D '67
- Indication method of continuous checking of pH of feces in glycerine conservant. I. A. Mazur. *Lab. delo* no. 5 551-552 '67
- Interrelations of the increase of heat production inadequate to gas exchange and the disruption of respiration and phosphorylation in cells of the liver in diphtheria intoxication. P. N. Veselkin, E. S. Grament'skaya, L. I. Nislovskaya. *Bull. eksp. biol. i med.* 64 no. 11 55-60 N '67

- Karavanov, A. G., and I. V. Danilov. [Errors in the diagnosis and treatment of the stomach.] Oshibki v diagnostike i lechenii travm zhivota. Kiev, Zdorov'ia, 1967. 197 p. (Biblioteka prakticheskogo vracha) (DNLM)
- Ledda's syndrome in children and teenagers. A. P. Shapkina. Vest khir. 99 no. 12:100-101 D '67.
- Medium with lactose and ammonium molybdate for bacteriological control of the effectiveness of disinfection in foci of infections of the intestinal group. E. I. A. Natsiasvili. Lab. delo no. 9:553-556 '67.
- Mekhtieva, Z. Kh. [Peripheral nervous system and diabetes mellitus] Perifericheskaia nervnaia sistema i sakharnyi diabetes. Baku, Azerbaidzhanское gos. izd-vo, 1967. 61 p. (DNLM)
- Microcirculation in the liver in lethal asphyxia and subsequent resuscitation. A. I. A. Evtushenko. Biol. eksp. biol. i med. 64 no. 12:28-31 D '67.
- Nonspecific ulcers of the small intestine. D. V. Fedotkin, E. A. Kenig. Vest khir. 99 no. 12:29-30 D '67.
- Ovnanian, K. T., and A. M. Tarnopolskii. [Tumors of the small intestine and its mesentery] Opukholi torokli kishki i ee bryzhetki. Kiev, Zdorov'ia, 1966. 174 p. (DNLM)
- Oxygen supply and acid-base equilibrium during the irreversible phase of prolonged hypotension caused by hemorrhage. V. B. Kozhner, S. A. Lazarevskii, G. V. Dolgovaya. Pat. fiziol. i eksp. terap. 11 no. 6:48-53 N-D '67.
- Pathological anatomy of pararectal fistulas. V. I. Selivanov, T. S. Lomovitskaia. Vest khir. 99 no. 12:74-77 D '67.
- Reaction of heterohemagglutination of rooster erythrocytes in epidemic hepatitis. K. A. Andriutsa, S. N. Tsybulak. Lab. delo no. 10:616-618 '67.
- Sialography in the diagnosis of chronic nonspecific inflammation of the parotid glands. I. E. Fuzailov, N. I. Rybakova, A. I. Pachek. Vest. rent. i rad. 42 no. 6:59-62 N-D '67.
- Significance of catecholamines in the development of reflex dystrophies of the gastric wall. S. V. Antchikov, I. S. Zavadskaya, E. V. Moreva. Biol. eksp. biol. i med. 64 no. 11:89-91 N '67.
- Simultaneous surgery on echinococcosis of the lungs and liver in a child. M. A. Akhmedov, U. B. Bekmuratov. Vest khir. 99 no. 12:103 D '67.
- Study of the reabsorption of bile acids, proteins, and urea from the gallbladder. V. S. Davidik. Biol. delo no. 9:535-538 '67.
- Subcutaneous isolated rupture of the retroperitoneal portion of the duodenum. V. A. Mandilevskii, V. M. Tutarov. Vest khir. 99 no. 12:106 D '67.
- Ugrumov, B. L. [Infectious hepatitis; Botkin's disease] Infektsionnyi gepatit, bolezni Botkina. Moskva, Meditsina, 1966. 22 p. (Nauchno-popularnaia meditsinskaya literatura) (DNLM)
- Use of alkoid and streptomycin in the therapy of chronic colitis and enterocolitis. N. I. Eklisenina, L. M. Ivanova, T. I. Kudina. Antibiotiki 12 no. 12:1109-1111 D '67.
- Use of wide-spectrum antibiotics in biliary infections. Z. Ondrachek. Antibiotiki 12 no. 12:1114-1119 D '67.
- X-ray data on late results of using suturing apparatus in peptic ulcer. E. S. Alvenshteyn, L. S. Kogolev. Med. tekhn. 1 no. 6:40-53 N-D '67.
- X-ray diagnosis of changes in the esophagus in conotuberculosis. O. B. Brodskii. Probl. tub. 15 no. 12:27-30 '67.
- 616, 3(471, 52)—Bashkir, A. S. S. R.
- Morphological characteristics of chronic gastritis based on data of gastrobiospies in workers of Novo-Ufimsk Petroleum Refinery and compared with clinical data. M. N. Fridman, E. D. Vidlikker. Shor. nauch. trud. Bash. gos. med. inst. 16 no. 2:40-54 '65.
- 616.4 HEMOPOLYTHIC, LYMPHATIC, ENDOCRINE SYSTEMS
- A case of echinococcosis of the thyroid gland. B. A. Bakhtiev. Vest. rent. i rad. 42 no. 6:96-97 N-D '67.
- Changes in the course of gametogenesis as a possible consequence of radiation disintegration of the endocrine system. G. M. Persov. Vest. AMN SSSR 22 no. 12:45-53 '67.
- Changes in the lungs and bifurcation lymph nodes in experimental berylliosis. I. N. Potapova. Arkh. pat. 29 no. 8:61-68 '67.
- Changes in the testes in white rats following single and chronic effect of γ -rays in small and medium doses. S. A. Keltzer, G. A. Lemash. Vest. AMN SSSR 22 no. 12:53-59 '67.
- Changes in the thymus gland in different forms of leukemia in children. T. E. Ivanovskaya. Arkh. pat. 29 no. 8:15-23 '67.
- Characteristics of bone marrow sideroblasts in various diseases of the blood system. G. B. Berliner, I. M. Mendeleev. Lab. delo no. 10:604-607 '67.
- Clinical and experimental data on the use of a kidney as an organic portacaval shunt. L. I. Roman. Urol. i nefr. 31 no. 5:18-22 S-O '66.
- Correlation of reactions of the cortical and medullary substances of the adrenal glands to irradiation. G. A. Tkacheva. Vest. AMN SSSR 22 no. 12:33-38 '67.
- Correlation of the venous, arterial and cerebrospinal fluid pressure in epilepsy. S. A. Gromov, V. A. Kiselev, O. G. Karaulova. Trudy Gos. nauch. -issl. inst. psikh. 47:184-189 '67.
- Disorders of the function of the adrenal glands in urolithiasis. P. Mishev, I. Zynov. Urol. i nefr. 31 no. 5:22-24 S-O '66.
- Division and detection of isozymes of glucose-6-phosphate dehydrogenase from J-96 cells by means of electrophoresis in polyacrylamide gel. F. B. Levin. Vop. med. khim. 13 no. 5:556-557 S-O '67.
- Dynamics of the changes in the content of nucleic acids in the endocrine glands in rabbits during experimental atherosclerosis. Z. A. Solovova. Biol. eksp. biol. i med. 64 no. 10:25-28 O '67.
- Early reaction of the thyroid gland following total γ -irradiation. A. V. Tkachev. Vest. AMN SSSR 22 no. 12:58-61 '67.
- Effect of coumarin derivatives on the activity of some enzymes of the pancreas and the mucous membrane of the small intestine. N. G. Bogdanov, V. A. Lidet. Farm. i toks. 30 no. 6:727-729 N-D '67.
- Effect of hydrogen sulfide baths on barrier function of the liver in regard to hydrogen sulfide. S. I. A. Kaplan, E. G. Kopteva. Vop. kur., fizioter. i lech. fiz. kul't. 32 no. 5:435-439 S-O '67.
- Effect of some vegetative poisons on the degree of thirst. N. B. Sidorenkov. Fiziol. zhur. 53 no. 12:1439-1445 D '67.
- Effect of stress on changes in the mineral and amino acid metabolism in calcified tissues in rats. Z. V. Zakharova. Pat. fiziol. i eksp. terap. 11 no. 6:59-63 N-D '67.
- Endocrinology in the service of sports medicine. I. S. Khrol. Teor. i prakt. fiz. kul't. 30 no. 4:60-62 Ap '67.
- Functional state of the adrenal cortex in women with epilepsy. I. U. P. Uferova. Trudy Gos. nauch. -issl. inst. psikh. 47:190-193 '67.
- Functional state of the hypophyseal-adrenal system and resistance. L. A. Turov, G. A. Vasil'ev, S. L. Bandman. Vest. AMN SSSR 22 no. 12:16-24 '67.
- Histochemochemistry of nephron in experimental mercuric chloride nephrosis. V. V. Serov, A. G. Ufimtseva. Arkh. pat. 29 no. 8:36-42 '67.
- Influence of the factor of trace distribution of the dose on the effect of irradiation of the thyroid gland. I. U. A. Khasovskii. Vest. AMN SSSR 22 no. 12:25-30 '67.
- Injector for lymphography. I. G. Koltakov, I. V. Mukhin. Med. tekhn. 1 no. 6:48-49 N-D '67.
- Intrathoracic gitter of the posterior mediastinum. V. I. Shlain. Grud. khir. 9 no. 6:118 N-D '67.
- [Lymphatic system under normal conditions and in pathology] Lymphaticheskaya sistema v norme i patologii. Pod red. B. V. Ogneva, I. U. E. Vyronkova. Moskva, 1967. 189 p. (DNLM)
- Metastasis of the thyroid gland adenoma. L. S. Bodunova. Vest. rent. i rad. 42 no. 6:94-96 N-D '67.
- Morphofunctional changes in the adrenal glands following internal irradiation of the body. G. A. Zedgenidze, I. S. Amosov, G. A. Tkacheva. Vest. AMN SSSR 22 no. 12:15-17 '67.
- Neuroendocrine disintegration in radiation syndrome. A. A. Volkovich. Vest. AMN SSSR 22 no. 12:5-14 '67.
- Nucleoside phosphorylase activity in thrombocytes of donors and thrombocytes of patients with polycythemia and chronic myelosis. V. A. Egorova, A. I. Blinova, I. F. Seits. Vop. med. khim. 13 no. 5:506-511 S-O '67.
- Origin of cells of regenerating mouse spleen; experiments with labeled chromosomes. G. V. Kharkova. Biol. eksp. biol. i med. 64 no. 12:76-78 D '67.
- Roentgenological changes in internal organs in Itsenko-Cushing's disease. A. I. Bukhman. Vest. rent. i rad. 42 no. 6:31-39 N-D '67.
- Role of the adrenal glands in the changes in blood serum cholinesterase activity in stress reaction caused by surgical trauma. I. U. I. Bondarenko. Pat. fiziol. i eksp. terap. 11 no. 6:70-71 N-D '67.
- Role of the hypothalamohypophyseal neurosecretory system in the genesis of sudden death caused by cardiovascular diseases, histological and histochemical study. V. I. Prozorovskii and others. Sud.-med. ekspert. 10 no. 4:8-13 O-D '67.
- Sialography in the diagnosis of chronic nonspecific inflammation of the parotid glands. I. E. Fuzailov, N. I. Rybakova, A. I. Pachek. Vest. rent. i rad. 42 no. 6:59-62 N-D '67.
- Significance of the cytological examination method in the diagnosis of disease of the breast. L. M. Levina. Lab. delo no. 9:515-517 '67.
- Silicotuberculosis bronchadenitis. V. N. Palkin. Probl. tub. 45 no. 12:31-33 '67.
- Some characteristics of catecholamine excretion in depressive states. L. G. Kodinets-Morozova. Zhur. nev. i psikh. 67 no. 12:1815-1820 '67.
- Study of puncture biopsy of the kidneys; 60 anatomical and clinical observations. A. M. Vikhert, D. G. Legkonoogova. Arkh. pat. 29 no. 8:30-36 '67.
- Study of the structure of deoxyribonucleoprotein of the spleen and lungs in mice in an early period following the effect of radiation and urethane. N. A. Grigorovich, M. T. Ivanov. Biol. eksp. biol. i med. 64 no. 12:41-44 D '67.
- Ultrastructure of neurosecretory cells of the supraoptic nucleus in rats following radiation lesion. I. I. Dedov. Vest. AMN SSSR 22 no. 12:38-45 '67.
- Use of acidophilic milk serum in colibacteriosis of laboratory mice. V. A. Dushkin, R. F. Kuzina. Lab. delo no. 9:571 '67.
- Vectorcardiogram in anemia. N. P. Maslova, A. D. Levshina. Kardiologiya 7 no. 8:123-126 Ag '67.
- 616.5 DERMATOLOGY
- Mallen's test in urticaria. G. I. Sukolin. Lab. delo no. 9:567 '67.
- Physiotherapy in dermatology over 50 years. V. I. Sukharev. Vop. kur., fizioter. i lech. fiz. kul't. 32 no. 5:421-423 S-O '67.
- Some hematological and biochemical changes in the blood in sarcoidosis. T. N. Olenova, R. A. Joffe. Probl. tub. 45 no. 12:33-39 '67.
- Using ultraviolet rays in compound treatment of children with exudative eczema. V. I. Filippchik. Vop. kur., fizioter. i lech. fiz. kul't. 32 no. 5:455-456 S-O '67.
- 616.6 UROLOGY
- Antenol in the treatment of urolithiasis; clinical and experimental study. N. Kh. Maksudov, A. A. Kozman. Urol. i nefr. 31 no. 5:37-10 S-O '66.
- Atresia of the ostium of the left ureter. P. M. Reznichenko. Vest khir. 99 no. 12:112 D '67.
- Buscalino-Kimbarovskii's color precipitation reaction in epilepsy. I. S. Evol'son. Trudy Gos. nauch. -issl. inst. psikh. 47:236-237 '67.
- Changes in the activity of tissue acid phosphatase in some diseases of the kidneys. A. T. Blinger, O. I. A. Kaitashova. Arkh. pat. 29 no. 8:53-56 '67.
- Changes in the diurnal rhythm of the mitotic activity of the epithelium of the canaliculi contour in compensatory and regenerative hypertrophy of the kidney in rats. V. Kh. Sharipov. Biol. eksp. biol. i med. 61 no. 10:86-90 O '67.
- Changes in the reflex functions of the urinary bladder and their cystometric study in patients with trauma of the spinal cord and cauda equina. R. Pollman. Vop. klin. nev. i psikh. 6:110-124 '66.
- Complications in anular drainage of the kidney. I. K. Anenkov. Urol. i nefr. 31 no. 5:47-49 S-O '66.
- Cystic pyelitis. V. A. Samsonov. Urol. i nefr. 31 no. 5:46-47 S-O '66.
- Czechoslovakian urological congress in Brno. N. A. Lopatin, I. U. A. Pytel, I. K. Anenkov. Urol. i nefr. 31 no. 5:69-73 S-O '66.
- Death caused by rupture of horse's kidney in a blunt abdominal trauma. D. N. Medvedev. Sud.-med. ekspert. 10 no. 4:40-50 O-D '67.
- Determination of nitrogen content in the urine by means of the Kjeldahl method. N. S. Eiber. Lab. delo no. 9:541-542 '67.
- Disorders of the function of the adrenal glands in urolithiasis. P. Mishev, I. Zynov. Urol. i nefr. 31 no. 5:22-24 S-O '66.
- Displacement of the kidney into the thoracic cavity. I. I. Turin. Urol. i nefr. 31 no. 5:40-51 S-O '66.
- Dynamics of the electrolyte metabolism and pathomorphological changes in the myocardium in uremia, experimental study. V. P. Klotov, V. M. Popov. Biol. eksp. biol. i med. 64 no. 12:28-31 O '67.
- Effect of atrophanthin on some indices of renal energy metabolism. B. A. Pakhmurnyi. Farm. i toks. 30 no. 6:728-731 N-D '67.
- Exchange of experience in nasoelectrophoretic treatment of nocturnal enuresis. G. D. Shevardin. Vop. kur., fizioter. i lech. fiz. kul't. 32 no. 5:456-457 S-O '67.
- Excretion of catecholamines with the urine in coronary atherosclerosis. E. A. Toloknova. Kardiologiya 7 no. 10:28-32 O '67.
- Function of the kidneys in dogs in experimental hypertension. V. G. Pashinskii. Pat. fiziol. i eksp. terap. 11 no. 6:71-73 N-D '67.
- Gangrene of the scrotum in early childhood. R. K. Gasanov. Vest khir. 99 no. 12:103-104 D '67.
- Global geographical distribution of urolithiasis. A. I. A. Pytel, I. V. Shubladze. Urol. i nefr. 31 no. 5:24-34 S-O '66.
- Gluconeogenesis in kidney sections of rats with alloxan diabetes. M. D. Baitabina, V. S. Il'in. Vop. med. khim. 13 no. 5:48B-491 S-O '67.
- Histochemical changes in kidneys resected for different forms of tuberculosis. A. F. Kiseleva. Probl. tub. 45 no. 7:71-77 '67.
- Histochemochemistry of nephron in experimental mercuric chloride nephrosis. V. V. Serov, A. G. Ufimtseva. Arkh. pat. 29 no. 8:30-42 '67.
- Intracutaneous allergy reaction for the diagnosis of trichomoniasis. L. M. Korik. Urol. i nefr. 31 no. 5:43-45 S-O '66.
- Methodology of fractional determination of neutral 17-ketosteroids of the urine by means of thin-layer chromatography. G. M. Mikiavskaya. Lab. delo no. 9:566-567 '67.
- Morphological characteristics of chronic pyelonephritis in children based on data of renal puncture biopsy. V. A. Makhovko. Arkh. pat. 29 no. 8:47-52 '67.
- Morphology of acute renal insufficiency caused by some nephrotoxic poisons. N. F. Kanyshina, B. P. Darovskii. Arkh. pat. 29 no. 8:42-47 '67.

- Experimental polyarthritis caused by the introduction of Freund type adjuvant containing saprophytic Mycobacterium of the strain E. V. Sergeev. Pat. fiziol. i eksp. ter. 11 no. 6:79 N-D '67.
- Experimental study of muscular dystrophy of hereditary origin. E. P. Zdrodovskaya, E. A. Lotosh. Vest. AMN SSSR 22 no. 12:61-70 '67.
- Features of the proximal section of the femur in newborn infants. M. A. Dogonadze. Ortop., travm. i protez. 28 no. 8:67-70 Ag '67.
- Haptoglobins and the significance of its determination in osteoarthritic tuberculous. N. V. Syromiatnikova. Probl. tub. 45 no. 12:49-52 '67.
- Indication for the use of intrathoracic approaches in surgical treatment of tuberculous spondylitis. T. B. Bekenov. Probl. tub. 45 no. 7:36-40 '67.
- Intensity of the recovery of protein fractions of skeletal muscle and heart myofibrils of a rabbit following experimental muscular dystrophy (E-avitaminosis). H. O. Pshkadze. Upr. biokhim. zhur. 39 no. 4:381-385 '67.
- Intramedullary osteosynthesis with a homotransplant in fractures of the surgical neck and capitulum humeri. A. P. Makarov. Vest. khir. 99 no. 12:36-42 D '67.
- Intramedullary osteosynthesis with twisted metal nails in diaphyseal fractures of the humerus. P. N. Petrov. Ortop., travm. i protez. 28 no. 8:29-33 Ag '67.
- Intraosseous osteosynthesis by means of heterogeneous bolt in fractures of metatarsal bones. P. I. Polnikov. Vest. khir. 99 no. 12:57-59 D '67.
- Irrational operations in tuberculous coxitis. N. T. Katerinich. Probl. tub. 45 no. 7:79-80 '67.
- Lower pigmentation and its treatment. V. S. Vasiliev. Vest. khir. 99 no. 12:84-87 D '67.
- Method of surgery in tendon ruptures of the common extensor of the fingers. T. Krenzel. Ortop., travm. i protez. 28 no. 8:81-82 Ag '67.
- Methodology of evaluating the properties of collimator characterizing the possibility of detecting field of abnormal accumulation of radioactivity. K. D. Kalantarov, E. U. El'vind. Med. tekhn. 1 no. 6:18-23 N-D '67.
- Ossific processes following closed injuries of the finger joints. E. A. Bogdanov. Ortop., travm. i protez. 28 no. 8:72-74 Ag '67.
- Osteosynthesis of fragments of the metacarpal bones and finger phalanges with Cyacril glue. V. A. Popov. Ortop., travm. i protez. 28 no. 8:65-66 Ag '67.
- Our consultation. Teor. i prakt. fiz. kul't. 30 no. 2:61-67 F '67.
- Pathological pyramidal reflexes of the upper extremities. B. A. Kistenov. Zhur. nev. i psikh. 67 no. 12:1762-1766 '67.
- Prevention, diagnosis, and treatment of injuries of the spine in athletes. Z. S. Mironova, A. S. Martens. Teor. i prakt. fiz. kul't. 30 no. 4:55-58 Ap '67.
- Replantation and reconstruction of the fingers. P. D. Topalov. Ortop., travm. i protez. 28 no. 8:50-55 Ag '67.
- Repeated fractures of both bones of the forearm in children. B. P. Kuz'min. Ortop., travm. i protez. 28 no. 8:70-72 Ag '67.
- Some data of analysis of surgical treatment of patients with retarded consolidation, nonunion of fractures and defects of antehumeral bones. A. V. Vorontsov, V. M. Dem'yanov, S. S. Tkachenko. Vest. khir. 99 no. 12:36-38 D '67.
- Some roentgenological changes of metaphyseal zones in disorders of general longitudinal growth of the body. V. A. Tikhonov. Vest. rent. i rad. 42 no. 6:32-58 N-D '67.
- Study of muscle power by the RD-25 dynamometer. V. E. Grachko. Med. tekhn. 1 no. 6:45-47 N-D '67.
- A study of workers' feet and some suggestions for the prevention of flatfoot. L. N. Levina. Teor. i prakt. fiz. kul't. 29 no. 3:49-50 Mr '67.
- Supratrochanteric osteotomy in congenital hip dislocation. P. I. A. Fishchenko. Vest. khir. 99 no. 12:109-110 D '67.
- Surgical treatment of paraplegia in tuberculous spondylitis. E. N. Stanislavleva. Probl. tub. 45 no. 7:26-32 '67.
- Surgical treatment of spinal disorders in tuberculous of the spine. A. V. Pridatkevich. Probl. tub. 45 no. 7:78-79 '67.
- Technique of X-ray examination of the ribs. S. I. Pinkel'shteyn. Vest. rent. i rad. 42 no. 6:46-52 N-D '67.
- Transplantation of homogenous preserved bones in the treatment of benign skeletal tumors and fibrous osteodystrophies. I. L. Krupko, S. S. Tkachenko. Vest. khir. 99 no. 12:43-48 D '67.
- Treatment of cranial fractures under rural conditions. V. M. Grubnik. Vest. khir. 99 no. 12:60-62 D '67.
- Treatment of cranial pseudarthrosis. V. M. Gaidukov. Vest. khir. 99 no. 12:52-57 D '67.
- Treatment of dislocations of the acromial end of the clavicle. B. L. Gol'dman. Ortop., travm. i protez. 28 no. 8:37-42 Ag '67.
- Using nylon sleeves in primary suture of flexor tendons of the fingers and hands. T. O. Belorusskova. Ortop., travm. i protez. 28 no. 8:55-58 Ag '67.
- 616.7 (471.318)—Kaluga Province**
- Some data on the incidence of osteoarthritic tuberculous and morbidity in Kaluga Province. B. V. Berdnikov. Probl. tub. 45 no. 7:22-23 '67.
- 616.7 (471.54)—Sverdlovsk Province**
- Experience in the control of osteoarthritic tuberculous in Sverdlovsk. M. I. Pinkhasik. Probl. tub. 45 no. 7:3-7 '67.
- 616.7 (478)—Moldavian S. R.**
- Experience in control of osteoarthritic tuberculous. Bukovina. L. M. Solov'ev. Probl. tub. 45 no. 1:23-25 '67.
- 616.8 NEUROLOGY. NEURO-AND PSYCHO-PATHOLOGY**
- Abashev-Konstantinovskiy, A. L.** [Psychopathology of cerebral tumors]. Psikhopatologiya pri opukhlykh mozgo mozku. Kiev, Derzhmedvydnyy, URSS, 1964, 241 (Biblioteka prakticheskoy likarii) (DNLN).
- Alcoholism and heredity. I. I. Lukomskiy. Zhur. i psikh. 67 no. 12:1889-1872 '67.
- Angiographic observations in vascular lesions of the brain. E. Hofman. Vop. klin. nev. i psikh. 67 no. 1:1 '66.
- Atypical forms of lesions of the nervous system of decompression etiology in divers. A. G. Ponomarev. P. I. Pinskiy. Zhur. nev. i psikh. 67 no. 12:1291-1293 '67.
- Babchin, I. S., and others. [Cerebral tumor in children and adolescence, clinical aspects and surgical treatment]. Opukhli golovnoy mozga u detei i podrostkov, klinika i khirurgicheskie tekhniki. Pod red. I. S. Babchina. (Leningrad) Meditsina, 1967, 321 p. (DNLN).
- Basic characteristics of the dynamics of epileptic seizures during the transition from wakefulness to sleep in anesthetized cats. I. M. Gil'man. Zhur. nev. i psikh. 67 no. 6:1091-1097 N-D '67.
- Buscalino-Klimbarovskiy's color precipitation reaction in epilepsy. I. S. Evchenko. Trudy Gos. nauch. i issl. inst. psikh. 47:236-237 '67.
- Causes of repeated hospitalization of epileptics. M. I. Vainutub. Trudy Gos. nauch. i issl. inst. psikh. 47:129-138 '67.
- Changes in the convulsion threshold depending on the age. G. I. Skriabin. Trudy Gos. nauch. i issl. inst. psikh. 47:231-236 '67.
- Changes in the course of gametogenesis and a possible consequence of radiation disintegration of the endocrine system. G. M. Persov. Vest. AMN SSSR 12 no. 12:45-53 '67.
- Changes in the electric activity of the brain during voluntary movements, different in their structure. M. P. Ivanova. Zhur. vys. nev. i psikh. 67 no. 6:113-1127 N-D '67.
- Changes in the electromyogram of skeletal muscles in sensitized animals under the effect of antigen on the muscle and spinal cord. A. D. Adu, G. A. Erizina. Biol. i med. 64 no. 11:52-56 N '67.
- A case of congenital osteopetrosis combined with coxa vara. V. L. Pavlycheva, S. P. Karpov. Vest. rent. i rad. 42 no. 6:97-98 N-D '67.
- Case of reconstructive surgery on the thumb. O. E. Tikhonovskaya. Ortop., travm. i protez. 28 no. 8:79-80 Ag '67.
- Comparative evaluation of different methods of surgical treatment of tuberculous coxitis. G. K. Guseinov. Probl. tub. 45 no. 7:40-45 '67.
- Complications of compound diaphyseal fractures and their prevention. P. P. Zhiurov. Ortop., travm. i protez. 28 no. 8:13-18 Ag '67.
- Complications of open wounds of the extremities caused by anaerobic infection and prospects for their treatment, an experimental study. I. U. Glebov. Ortop., travm. i protez. 28 no. 8:18-21 Ag '67.
- Determination of blood calcium in the treatment of fractures in bones of the extremities. E. P. Zamaraev. Ortop., travm. i protez. 28 no. 8:42-45 Ag '67.
- Development of the theory on osteoarthritic tuberculous during 50 years of Soviet phthisiology. P. G. Kornev, E. N. Bellendir. Probl. tub. 45 no. 7:3-11 '67.
- Divergent dislocations and fracture-dislocations of the forearm in the elbow joint in children. S. O. Ginzburg. A. F. Bukhar. Ortop., travm. i protez. 28 no. 8:33-37 Ag '67.
- Dynamics of the electromyographic picture in patients with convulsive forms of epilepsy. I. S. Safonova. Trudy Gos. nauch. i issl. inst. psikh. 47:206-210 '67.
- Economical resection of corpora vertebrae in tuberculous spondylitis. D. C. Kovalenko. Probl. tub. 45 no. 7:32-36 '67.
- Effect of organophosphorus compound 307 on reparative osteogenesis in experimental fractures in dogs. I. U. A. Bogdanovich and others. Biol. i med. 64 no. 12:88-91 D '67.
- Evaluation of the function in the treatment of injuries of flexor tendons of the finger. Z. M. Ataev, E. A. Saginov. Ortop., travm. i protez. 28 no. 8:77-79 Ag '67.
- Experience in the treatment of compound fractures of the distal phalanges of the fingers. G. I. Klassen, L. V. Klassen. Ortop., travm. i protez. 28 no. 8:82-84 Ag '67.
- Experience in the treatment of femoral fractures by means of metal osteosynthesis. S. I. Il'penkov. Vest. khir. 99 no. 12:48-52 D '67.
- Experience in using enzyme preparations in traumatology and orthopedics. I. T. Knysh. Ortop., travm. i protez. 28 no. 8:21-23 Ag '67.

- 636.8 (Continued)
- Clinical and electroencephalographic characteristics of the topography of epileptic discharges. G. L. Voronov, I. D. Shevchuk. Trudy Gos. nauch.-issl. inst. psikh. 47 176-183 '67.
- Clinical aspects and differential diagnosis of paranoid development and reactive states with the syndrome of pathological jealousy. A. S. Puras. Zhur. nev. i psikh. 67 no. 12:1848-1853 '67.
- Clinical and experimental observations during haloperidol treatment of chronic schizophrenics. J. Saarna. M. Saarna. Vop. klin. nev. i psikh. 6 32-40 '66.
- Clinical characteristics and pathogenesis of the epileptic status. V. A. Kailov. Trudy Gos. nauch.-issl. inst. psikh. 47 117-120 '67.
- Clinical characteristics of the course of epilepsy complicated with chronic alcoholism. V. Z. Timoshenko. Trudy Gos. nauch.-issl. inst. psikh. 47 87-91 '67.
- Combined medicinal treatment of epilepsy. L. S. Remcova. Trudy Gos. nauch.-issl. inst. psikh. 47 287-294 '67.
- Comparative characteristics of sensitivity disorders in organic lesions of the brainstem of various genesis. I. L. Shogam. Zhur. nev. i psikh. 67 no. 12:1766-1772 '67.
- Comparison of the effects of pentobarbital and trimethin on different structures of the poencephalon. A. L. Prus, L. A. Ilymet. Vop. klin. nev. i psikh. 6 41-46 '66.
- Conductions of social and vocational rehabilitation of epileptics. L. I. Vaman. Trudy Gos. nauch.-issl. inst. psikh. 47 441-444 '67.
- Content of serotonin in the cerebrospinal fluid in some organic diseases of the nervous system. A. I. Makarov, L. A. Stchikova. Zhur. nev. i psikh. 67 no. 12:1797-1802 '67.
- Correlation of the venous, arterial and cerebrospinal fluid pressure in epilepsy. S. A. Gromov, V. A. Kiselev, O. G. Kaulova. Trudy Gos. nauch.-issl. inst. psikh. 47 184-189 '67.
- Course of epileptic psychoses. R. G. Giamatullina. Trudy Gos. nauch.-issl. inst. psikh. 47 36-42 '67.
- Criminality of psychopathic persons from the viewpoint of preventing law infringement. O. E. Freierov. Sud.-med. ekspert. 10 no. 4:40-46 O-D '67.
- Dendrite potentials in nonanesthetized cats under continuous experimental conditions. A. I. Roitbak, L. I. Chilingarian. Zhur. vye. nerv. deiat. 17 no. 6:1128-1132 N-D '67.
- Dependence of the vascular tonus on the form of epilepsy. V. B. Lifshits. Trudy Gos. nauch.-issl. inst. psikh. 47 211-215 '67.
- Determination of the number of epileptics in the population and the organization of their treatment. A. L. Lezhninskii. Trudy Gos. nauch.-issl. inst. psikh. 47 398-404 '67.
- Determination of the topological characteristics of the higher nervous activity in athletes. I. U. D. Pevzner. Teor. i prakt. fiz. kul't. 29 no. 3:35-38 M '67.
- Device for remote control by the intensity and color of the photic stimulus. A. A. Marichev. Zhur. vye. nerv. deiat. 17 no. 6:1137-1138 N-D '67.
- Diagnosis and treatment of asymptomatic epilepsy. S. A. Rossin. Trudy Gos. nauch.-issl. inst. psikh. 47 105-112 '67.
- Diagnosis of diencephalic epilepsy. B. M. Segal. Trudy Gos. nauch.-issl. inst. psikh. 47 67-71 '67.
- Diagnostic significance of studying the vascular system of the organ of vision in psychic disorders in advanced age. I. L. Gol'dovskaya. Zhur. nev. i psikh. 67 no. 12:1831-1838 '67.
- Diagnostic value of electroencephalography in supratentorial tumors. M. Magi, E. Lausvec. Vop. klin. nev. i psikh. 6 111-117 '66.
- Disorders in cerebral carbohydrate and gas metabolism in vascular diseases of the brain. A. P. Kanskii. T. Laas, E. K. Rivas. Vop. klin. nev. i psikh. 6 71-80 '66.
- Dynamics of the electromyographic picture in patients with convulsive forms of epilepsy. I. S. Safonova. Trudy Gos. nauch.-issl. inst. psikh. 47 208-210 '67.
- Dynamics of the psychopathological structure and excitation of catechol amines in patients with paranoid and paranoid syndromes. R. I. A. Vovin. Zhur. nev. i psikh. 67 no. 12:1825-1831 '67.
- Dynamics of vegetative components of complex motor reflexes of reticular origin. P. P. Vodiaev. Zhur. vye. nerv. deiat. 17 no. 6:1034-1042 N-D '67.
- Effect of a single administration of haloperidol on cortical and vegetative functions in healthy persons and chronic schizophrenics. J. Saarna and others. Vop. klin. nev. i psikh. 6 23-31 '66.
- Effect of neurotropic agents on the content of catechol amines in cerebral tissue in reflex dystrophies. E. V. Moiseva. Farm. i toks. 30 no. 6:661-661 N-D '67.
- Effect of neurotropic pharmacological substances on cholesterol metabolism in experimental atherosclerosis. L. A. Miasnikov, N. M. Lobova, V. A. Kanskii. Pat. fiziol. i eksp. terap. 11 no. 6:440-443 N-D '67.
- Effect of single administration of stelazine on cortical and vegetative functions in healthy persons and chronic schizophrenics. J. Saarna, M. Saarna. Vop. klin. nev. i psikh. 6 15-22 '66.
- Effect of the anterior lobe of the cerebellum on mono-synaptic reflex reactions of the spinal cord in precollateral cats. A. S. Amatuni. Zhur. vye. nerv. deiat. 17 no. 6:1098-1105 N-D '67.
- Effect of trimetin on the background activity of single intercalary neurons of the spinal cord and their responses to afferent and supraspinal stimulation. E. B. Aghashian, A. V. Zavalov, P. V. Mel'nichuk. Farm. i toks. 30 no. 6:655-658 N-D '67.
- Effect of vasodilating agents on the basal tonus and response reactions of vessels in electric stimulation of sympathetic nerves. I. E. Kisin. Farm. i toks. 30 no. 6:674-678 N-D '67.
- Electric reaction of the cerebral cortex in rabbits to different electromagnetic fields. R. A. Chizhenkova. Zhur. vye. nerv. deiat. 17 no. 6:1083-1090 N-D '67.
- Electroencephalographic changes in pulmonary tuberculosis. N. V. Chelnokova. Probl. tub. 15 no. 12:53-60 '67.
- Epileptic psychoses with the manifestation of the Kandinsky-Clerehambault syndrome. I. D. Muratova. Trudy Gos. nauch.-issl. inst. psikh. 47 29-35 '67.
- Epileptic syndrome in ischemic insult in the zone of the anterior cerebral artery. D. G. Klushin. Trudy Gos. nauch.-issl. inst. psikh. 47 113-116 '67.
- [Epilepsy; bibliography of the basic Soviet literature, 1881-1917]. Epilepsia, bibliografiia osnovnoi otechestvennoi literatury (1881-1917). Moskva, 1966 110 p. (Prilozhenie k sborniku "Aktual'nye problemy epilepsii")
- Evaluation of therapeutic results in lumbosacral radiculitis. M. A. Faiber. Vop. klin. nev. i psikh. 6 101-108 '65.
- Evolution of extensor inhibition. S. S. Barkhudarian. Zhur. vye. nerv. deiat. 17 no. 6:988-1003 N-D '67.
- Experience in the use of some derivatives of hydroxybutyric acid and epibatidine in the treatment of epilepsy. V. I. Minov. Trudy Gos. nauch.-issl. inst. psikh. 47 335-339 '67.
- Forms of epilepsy in children (in comparison with adults) and the regularities of their course and transformations in different age stages. I. S. Teta. Trudy Gos. nauch.-issl. inst. psikh. 47 343-352 '67.
- Functional changes in animals in α -chlorophenol hypothermia under conditions of vegetative ganglionic block. A. I. Dergonskii. Pat. fiziol. i eksp. terap. 11 no. 6:63-66 N-D '67.
- Functional significance of the amygdaloid nucleus in pathology of the restitution period following prolonged interruption of blood circulation. A. V. Volkov. Pat. fiziol. i eksp. terap. 11 no. 6:43-47 N-D '67.
- Functional state of cerebrocortical vessels in the process of the development of convulsive activity. G. I. Medvedev, D. G. Baranidze. Biol. eksp. biol. i med. 65 no. 11:68-71 N '67.
- Functional state of the adrenal cortex in women with epilepsy. I. U. P. Iufelova. Trudy Gos. nauch.-issl. inst. psikh. 47 180-183 '67.
- Functional state of the brain and cerebral vessels based on electroencephalic and rheoencephalic data in hypertension. L. I. Il'ina, A. A. Burdov. Kardiologiya 7 no. 10:53-58 O '67.
- Gill reactions in asymptomatic epilepsy. G. N. Mirotvorshala. Trudy Gos. nauch.-issl. inst. psikh. 47 257-262 '67.
- Hypothalamic regulation of some aspects of energy metabolism in the cerebral cortex. A. I. Mogilevskii and others. Zhur. vye. nerv. deiat. 17 no. 6:1043-1051 N-D '67.
- Increase of the repletion component of differentiation induced by shock accelerations. E. V. Maikhanlan. Zhur. vye. nerv. deiat. 17 no. 6:1115-1118 N-D '67.
- Index of books on neuropathology, psychiatry, and related disciplines received in the State Central Scientific Medical Library, July-August 1967. E. A. Akhutina. Zhur. nev. i psikh. 67 no. 12:1876-1879 '67.
- Intensification of conditioned reactions to relative and absolute characteristics of stimuli. I. U. A. Zakhar. Zhur. vye. nerv. deiat. 17 no. 6:1106-1108 N-D '67.
- Infectious epilepsy in children. I. B. Galant, V. S. Alekshko. Trudy Gos. nauch.-issl. inst. psikh. 47 360-365 '67.
- Inhibition of cholinesterase of myoneuronal synapses by decamethonium and diltin. A. F. Danilov. Farm. i toks. 30 no. 6:664-669 N-D '67.
- Instrumental motor reflex elaborated with food reinforcement under conditions of satiation. E. I. Popova. Zhur. vye. nerv. deiat. 17 no. 6:992-997 N-D '67.
- International symposium on special job placement of invalids with grave handicaps in their capacity for work, December 8-14, 1966, Warsaw. D. E. Metekhov. Zhur. nev. i psikh. 67 no. 12:1884-1886 '67.
- Interruption of adequate therapy as one of the causes of the origin of epileptic psychoses. I. A. K. Averbakh. Trudy Gos. nauch.-issl. inst. psikh. 47 43-46 '67.
- Inverted arteriovenous difference of sugar content in manic states. L. T. Morozov. Zhur. nev. i psikh. 67 no. 12:1820-1825 '67.
- The "jamala vu" phenomenon in epilepsy. A. A. Makhovskii. Trudy Gos. nauch.-issl. inst. psikh. 47 50-64 '67.
- Korsakoff syndrome in chronic alcoholism with convulsive seizures. B. I. Bezhanishvili. Trudy Gos. nauch.-issl. inst. psikh. 47 99-104 '67.
- Kosenko, Z. V., and E. G. Paramonova. [Psychics and coronary disease]. Psikhika i koronarnaya bolezn'. Pod red. V. M. Banskichikova. Moskva, 1967. 243 p. (DNLM)
- Local slow potentials evoked by mechanical lesion of the visual tract in an anesthetized cat. E. N. Sokolov, V. P. Dulenko. Zhur. vye. nerv. deiat. 17 no. 6:1119-1121 N-D '67.
- Material on the state of the nervous apparatus of the lungs in experimental poisoning with silicon dioxide. T. S. Smagulov, O. A. Leshchenko, R. V. Shein. Sbor. nauch. trud. Bash. gos. med. inst. 16 no. 2:150-153 '65.
- Mechanism of respiratory disorders and phosphorylation in mitochondria of nervous tissue under the effect of local anesthetics. M. I. Kuzhman. Vop. med. klum. 13 no. 5:478-485 S-O '67.
- Mechanisms of neuron excitation and dynamics of ion changes in the epileptic convulsion syndrome. L. M. Dondysh. Trudy Gos. nauch.-issl. inst. psikh. 47 242-246 '67.
- Mechanisms of the development of neurosis. M. Varks, V. Kangu, L. Tulmin. Vop. klin. nev. i psikh. 6 8-14 '65.
- Medical tactics in the treatment of epilepsy. D. S. Remcova, L. B. Krupenina, S. A. Safonova. Trudy Gos. nauch.-issl. inst. psikh. 47 279-286 '67.
- Medicinal treatment of temporal epilepsy. L. P. Lobova, T. A. Dobrokhotova. Trudy Gos. nauch.-issl. inst. psikh. 47 325-330 '67.
- Mekhtiev, Z. Kh. [Peripheral nervous system and diabetes mellitus]. Perifericheskaia nervnaia sistema i sakharnyi diabet. Baku, Azerbaidzhanskoe gos. izdvo, 1967. 61 p. (DNLM)
- Methodology of adequate, controlled stimulation of mechanoreceptors. O. B. Il'inski, V. P. Kudin. Biol. eksp. biol. i med. 64 no. 10:100-102 O '67.
- Methodology of evaluating the properties of collimator characterizing the possibility of detecting foci of abnormal accumulation of radioactivity. K. D. Kalantarov, E. I. U. El'ind. Med. tekhn. 1 no. 5:18-23 N-D '67.
- Methodology of the study of new antiepileptic preparations. N. N. Andreeva. Trudy Gos. nauch.-issl. inst. psikh. 47 301-304 '67.
- Microelectrode study of conditioned reflex to time. F. V. Kopytova, M. I. A. Rabinovich. Zhur. vye. nerv. deiat. 17 no. 6:1023-1033 N-D '67.
- Migraine and epilepsy. A. K. Strelukhin. Trudy Gos. nauch.-issl. inst. psikh. 47 62-66 '67.
- Monocyclic system in the interparoxysmal period of epilepsy. I. U. L. Shapiro, M. I. A. Vaintrub. Trudy Gos. nauch.-issl. inst. psikh. 47 194-198 '67.
- Morphological and functional characteristics of the state of synapses in spinal motoneurons in tetanus intoxication. I. U. A. Gelmisan, M. V. Diakonova, G. N. Kyryhanovskii. Biol. eksp. biol. i med. 64 no. 11:71-75 N '67.
- Morphological changes in the cerebral vessels in epileptic state. L. V. Dinerstein. Trudy Gos. nauch.-issl. inst. psikh. 47 261-271 '67.
- Morphophysiological study of posttraumatic degeneration and regeneration of synapses. V. P. Babinina, O. F. Fadeeva. Biol. eksp. biol. i med. 64 no. 10:96-99 O '67.
- Nature of the changes of the content of ascorbic acid in patients with epilepsy during the process of treatment. S. A. Gromov. Trudy Gos. nauch.-issl. inst. psikh. 47 160-175 '67.
- Neuroendocrine disintegration in radiation syndrome. A. A. Volkovich. Vest. AMN SSSR 22 no. 12:5-14 '67.
- Organic diseases of the brain in schizophrenia. Report No. 2. Organic diseases of the brain with a clinical picture of schizophrenia. Zhur. nev. i psikh. 67 no. 12:1842-1848 '67.
- Oxyhemometric indices in the interparoxysmal period of epilepsy. M. V. Silvanova. Trudy Gos. nauch.-issl. inst. psikh. 47 222-226 '67.
- Participation of nucleic acids in the formation of conditioned connections, based on data of ontogenic research. O. A. Krylov, R. A. Danilova, V. S. Tongur. Zhur. vye. nerv. deiat. 17 no. 6:1015-1022 N-D '67.
- Pathological pyramidal reflexes of the upper extremities. B. A. Kistenov. Zhur. nev. i psikh. 67 no. 12:1762-1768 '67.
- Pathologicoanatomic picture in patients following death during an epileptic seizure or in status epilepticus. V. S. Pozdnakov. Trudy Gos. nauch.-issl. inst. psikh. 47 273-276 '67.
- Peat and mud treatment of diseases of the peripheral nervous system. V. V. Apostoluk. Vop. kur. i fizioter. i lech. fiz. kul't. 32 no. 5:454-455 S-O '67.
- Physiological analysis of graphic activity in a child. Z. V. Denisova. Zhur. vye. nerv. deiat. 17 no. 6:986-991 N-D '67.
- Pneumoencephalography in diencephalic lesions. V. I. Tolstomogova. Zhur. nev. i psikh. 67 no. 12:1705-1707 '67.
- Possibility of experimental inducing of long periods of activity of the crest-wave type in cats. V. V. Potukhov. Zhur. vye. nerv. deiat. 17 no. 6:1122-1124 N-D '67.
- Prevention of disorders of vasomotor function and electrolyte balance (Na and K) in the blood of animals with bilaterally denervated carotid sinuses. V. A. Baronenko. Pat. fiziol. i eksp. terap. 11 no. 6:77-78 N-D '67.
- Problems of heredity in epilepsy. D. D. Fedotov, I. U. L. Shapiro, E. A. Vaintrub. Trudy Gos. nauch.-issl. inst. psikh. 47 131-147 '67.
- Psychopathological structure of the twilight disorders of consciousness in epilepsy. S. F. Sermenov. Trudy Gos. nauch.-issl. inst. psikh. 47 20-28 '67.
- Psychopathology of chronic progressive forms of tick-borne encephalitis with the hyperkinetic-epilepsy syndrome. V. N. Kluchikov, L. K. Khokhlov. Trudy Gos. nauch.-issl. inst. psikh. 47 72-78 '67.

- Reactivity of the nervous system as a sign of volitional activity and physical fitness. L. F. Eganov. *Tsar. i prak. fiz. kul't.* 29 no. 3 23-26 Mr '67.
- Reflex syndrome of the upper quadrant in patients with pulmonary tuberculosis. E. S. Zaslavskii. *Probl. tub.* 45 no. 7 59-62 '67.
- Research of compensatory manifestations in epilepsy as a method of studying the disease. G. B. Abramovich. *Trudy Gos. nauch. -issl. inst. psikh.* 47 151-158 '67.
- Rheoencephalographic correlates of chronic mental fatigue in adolescents. G. N. Speranskii, I. M. Prutsevich. *Dokl. AN SSSR* 176 no. 2 483-485 S '67.
- Role of heredity in epilepsy. A. V. Luk'yanov. *Trudy Gos. nauch. -issl. inst. psikh.* 47 125-130 '67.
- Role of neuroleptics in the treatment of epilepsy. V. S. Pozdnyakov. *Trudy Gos. nauch. -issl. inst. psikh.* 47 312-317 '67.
- Role of the hypothalamohypophyseal neurosecretory system in the genesis of sudden death caused by cardiovascular diseases, histological and histochemical study. V. L. Prozorovskii and others. *Sud. -med. ekspert* 10 no. 4 8-13 O-D '67.
- Role of various pathogenic factors in the characteristics of the course of epilepsy in children. N. A. Smirnova. *Trudy Gos. nauch. -issl. inst. psikh.* 47 353-359 '67.
- Rotatory epilepsy. V. N. Kluchikov, G. A. Voronkova. *Trudy Gos. nauch. -issl. inst. psikh.* 47 122-124 '67.
- Salganik, E. L. [Cysticercosis of the brain] *Tsistserkoz golovnogo mozga*. Kishinev, Kartia Moldovenaske, 1967 170 p. (DNLM)
- Semiatomatic device for stereotopic implantation of electrodes. R. M. Meshcherskii, S. I. Sychev. *Zhur. vys. nerv. deiat.* 17 no. 6 1133-1136 N-D '67.
- Significance of alcohol in epilepsy. A. I. Voldyrev. *Trudy Gos. nauch. -issl. inst. psikh.* 47 79-85 '67.
- Significance of catecholamines in the development of reflex dystrophies of the gastric wall. S. V. Anichkov, I. S. Zavadskaya, E. V. Moreva. *Biul. eksp. biol. i med.* 64 no. 11 80-91 N '67.
- Significance of the methods of auto- and cross-correlation of the electroencephalogram in focal lesions of the brain. O. M. Grindel'. *Zhur. nev. i psikh.* 67 no. 12 1777-1783 '67.
- Some aspects in the study of the clinical course and pathogenesis of epilepsy in psychiatry. S. F. Semenov, D. D. Fedotov. *Trudy Gos. nauch. -issl. inst. psikh.* 47 5-19 '67.
- Some characteristics of catecholamine excretion in depressive states. L. G. Kodnits-Morozova. *Zhur. nev. i psikh.* 67 no. 12 1815-1820 '67.
- Some characteristics of low-frequency rhythmic response of the visual cortex. I. A. Kolomoitseva, G. D. Kuznetsova, M. S. Myslobodskii. *Zhur. vys. nerv. deiat.* 17 no. 6 1074-1082 N-D '67.
- Some characteristics of the effect of differentiation on the positive conditioned reflex. V. I. Kotelnikova, V. A. Lyubchikov. *Zhur. vys. nerv. deiat.* 17 no. 6 1112-1114 N-D '67.
- Some characteristics of the reactivity in epileptic patients and their significance for the treatment. A. I. Fridlanski. *Trudy Gos. nauch. -issl. inst. psikh.* 47 210-221 '67.
- Some characteristics of therapeutic remission in epilepsy. Report No. 1. A. I. Fridlanski. *Trudy Gos. nauch. -issl. inst. psikh.* 47 331-334 '67.
- Some preliminary data on the distribution of epilepsy in different groups of the population. V. V. Borinovich and others. *Trudy Gos. nauch. -issl. inst. psikh.* 47 389-397 '67.
- Some problems of pathogenesis and treatment of epilepsy in children with cerebral paralysis. K. A. Semenov. *Trudy Gos. nauch. -issl. inst. psikh.* 47 360-367 '67.
- Some problems of the dynamics of the indices of blood serum proteins in insulin. L. Luts. *Vop. klin. nev. i psikh.* 6 81-88 '66.
- Stage of exhaustion of the central nervous system in hemorrhage and shock and use of cranio-cerebral hypothermia. I. R. Petrov. *Vest. khir.* 9 no. 12:13-17 D '67.
- State of the neuroreceptor apparatus of the large arterial vessels of the brain, heart, and kidneys in hypertension combined with atherosclerosis. A. I. Poliantseva. *Kardiologiya* 7 no. 8 54-58 Ag '67.
- Statistical data on patients with initial forms of epilepsy. A. I. Boidyrev. *Trudy Gos. nauch. -issl. inst. psikh.* 47 417-428 '67.
- Structural and functional characteristics of ascending systems of external and internal analysis. I. A. Bulynin. *Zhur. vys. nerv. deiat.* 17 no. 6 963-972 N-D '67.
- Structure and dynamics of mental degradation in children with epilepsy as a result of residual manifestations of early organic lesions of the brain. L. I. A. Visnovskaya. *Trudy Gos. nauch. -issl. inst. psikh.* 47 374-379 '67.
- Structure of the effect of reflexes from the heart in experimental myocardial infarct. A. I. Khomazuk, A. P. Meshcherak, G. V. Zaritskii. *Kardiologiya* 7 no. 10 11-15 O '67.
- Study of antibodies to the cerebral antigens in the blood serum of epileptic patients. V. A. Torba. *Trudy Gos. nauch. -issl. inst. psikh.* 47 199-205 '67.
- Subarachnoid introductions of air in compound treatment of epilepsy. Kh. G. Khodas, V. L. Zueva. *Trudy Gos. nauch. -issl. inst. psikh.* 47 295-300 '67.
- Surgical treatment of aneurysms of cerebral arteries. E. Raudam, R. Paimre. *Vop. klin. nev. i psikh.* 6 89-93 '66.
- Surgical treatment of paraplegia in tuberculous spondylitis. E. N. Stanislavleva. *Probl. tub.* 45 no. 7:26-32 '67.
- Surgery in cerebral aneurysm. A. V. Chevalier. *Vop. klin. nev. i psikh.* 6 94-99 '66.
- Switching of conditioned response. R. K. Borukae. *Zhur. vys. nerv. deiat.* 17 no. 6 973-985 N-D '67.
- Symptom of pyramidal insufficiency. *Zhur. nev. i psikh.* 67 no. 12:1760-1762 '67.
- Temporary aphasia in bilateral lesion of the posterior portions of the inferior frontal gyrus. G. F. Perevoshchikov, I. M. Tonkonogu. *Zhur. nev. i psikh.* 67 no. 12:1772-1777 '67.
- Tension syndrome in lumbosacral radiculitis. M. A. Farber. *Vop. klin. nev. i psikh.* 6 109-110 '66.
- Theoretical substantiation of impregnation of neuropil with silver. K. K. Sergeev. *Arkhi. pat.* 29 no. 8 78-81 '67.
- Transaminase activity of the blood serum and cerebrospinal fluid in epileptic patients during the period of treatment. V. P. Riabkov. *Trudy Gos. nauch. -issl. inst. psikh.* 47 227-230 '67.
- Transaminase and isozymes of lactate dehydrogenase in myocardial microcircles of a neurogenic nature. R. A. Muzofan. *Vop. med.* 13 no. 5 471-478 S-O '67.
- Treatment and some problems of the pathogenesis of uremic psychoses. V. P. Belov, I. N. Kuchinskii. *Zhur. nev. i psikh.* 67 no. 12:1837-1841 '67.
- Treatment of female epileptic patients. E. P. Ufereva. *Trudy Gos. nauch. -issl. inst. psikh.* 47 305-311 '67.
- Treatment of protracted twilight disorders of the consciousness in epilepsy by means of intravenous administration of amazine. A. S. Lopatin. *Trudy Gos. nauch. -issl. inst. psikh.* 47 318-324 '67.
- Ugrumov, V. M., and others. [Diagnosis and surgical treatment of traumatic epilepsy] *Diagnostika i khirurgicheskoe lechenie travmaticheskoi epilepsii*. 3rd ed. V. M. Ugrumov [Leningrad] Meditsina, 1967. 231 p. (DNLM)
- Ultrasound echotography of the brain. V. F. Grechko. *Zhur. nev. i psikh.* 67 no. 12 1783-1790 '67.
- Ultrastructure of neurosecretory cells of the supraoptic nucleus in rats following radiation lesion. L. I. Dedov. *Vest. AMN SSSR* 22 no. 12:39-45 '67.
- Use of vincamine hydrochloride in clinical practice of nervous diseases. Sh. Sh. Shamsanov, M. B. Sultanov. *Zhur. nev. i psikh.* 67 no. 12:1807-1809 '67.
- Vegetative reactions in epilepsy. A. I. Boidyrev, A. I. Rappoport. *Trudy Gos. nauch. -issl. inst. psikh.* 47 159-168 '67.
- Viscerochemical conditioned reflex to the reaction of following a rhythm. N. E. Vasilevskaya. *Zhur. vys. nerv. deiat.* 17 no. 6 1004-1014 N-D '67.

616.8(471.313)—Ryazan Province

Organization of outpatient treatment of epilepsy. I. R. Sigalova. *Trudy Gos. nauch. -issl. inst. psikh.* 47 437-440 '67.

616.8(471.315)—Ivanovo Province

Incidence of epilepsy in Tselkovo District of Ivanovo Province. G. I. Skriabin, I. I. Malanin. *Trudy Gos. nauch. -issl. inst. psikh.* 47 411-418 '67.

616.8(471.324)—Voronezh Province

Experience in the epidemiological study and dispensary service of epileptics in Pavlovsk District of Voronezh Province. G. P. Pugacheva. *Trudy Gos. nauch. -issl. inst. psikh.* 47 405-410 '67.

616.8(477)—Ukrainian S. S. R.

Development of psychiatry in the Ukrainian S. S. R. A. I. Seifetski. *Zhur. nev. i psikh.* 67 no. 12:1865-1868 '67.

616.8(479.24)—Azerbaijan S. S. R.

Development of psychiatry in Azerbaijan. A. Abaskuliev. *Zhur. nev. i psikh.* 67 no. 12:1861-1862 '67.

616.8(575.3)—Tajik S. S. R.

Soviet neuropathology in Tajikistan and the prospects of its development. A. M. Pulatov, G. N. Okutova. *Zhur. nev. i psikh.* 67 no. 12:1863-1865 '67.

616.8 INFECTIOUS DISEASES

Agranulocytic reaction in tuberculosis treated with antibacterial preparations. F. A. Faidel'. *Lab. delo* no. 9 510-521 '67.

Bacteriological diagnosis of tuberculosis under conditions of hot climate. Report No. 3 Typing of *Mycobacterium* by means of the rifacin test. M. P. Zykov. *Lab. delo* no. 9 550-560 '67.

Baroian, O. V. [Offensive on infections; the results of half-a-century control of epidemics in the U. S. S. R.] *Nastupenie na infektsii; itogi poluvekovoi bor'by s epidemiyami v SSSR*. Moskva, Znanie, 1967. 29 p. (Novoe v zhizni, nauke, tekhnike. XXIII Seriya Meditsina, 9) (DNLM)

Case of food toxoinfection of staphylococcal etiology. E. K. Savitskaya, V. I. Chernavskii, Z. G. Velikaya. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 139-141 S '67.

Chagas' disease and epidemiological significance of *T. atomidae*, a review of literature. V. V. Tarasov. *V. Mosku, un. Ser. Biol. pochv.* 22 no. 6:68-75 N-D '67.

Change in nucleic acid content in the myocardium following diphtheria injury and stimulation of restorative processes. I. F. Sadokova. *Dokl. AN SSSR* 171 no. 245-248 N-D '67.

Changes in cholinesterase activity and content of the blood catecholamines in staphylococcal intoxication in dogs. V. D. Rozanova. *Biul. eksp. biol. i med.* 64 no. 10 34-36 O '67.

Characteristics of the clinical course of epilepsy in cerebral focal and diffuse arachnoiditis. S. P. Vozok. *Trudy Gos. nauch. -issl. inst. psikh.* 47 55-61 '67.

Characteristics of the formation of smallpox immunity in nursing infants. G. M. Denisov. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 60-73 S '67.

Chicken pox in adults. V. I. Tarasov. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 132-134 S '67.

Comparative study of anthrax bacteriophages. E. N. Levina, V. R. Arkhipova. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 24-28 S '67.

Complications of compound diaphyseal fractures and their prevention. P. P. Zhukov Ortop. i travm. i protez. 28 no. 8 13-18 Ag '67.

Complications of open wounds of the extremities caused by anaerobic infection and prospects for their treatment, an experimental study. I. U. I. Gilev. *Ortop. i travm. i protez.* 28 no. 8 18-21 Ag '67.

Cyclolysis of immunoglobulins as the result of the introduction of deposited soluble antigen. A. V. Lipnitskii and others. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 31-33 O '67.

Detection of antigens of tick-borne encephalitis in mammals. A. A. Pchelkina, N. A. Nikitina, B. E. Farn. *Lab. delo* no. 9 568-570 '67.

Detection of carriers of typhoid bacilli. N. V. Dren, E. Zamotin, P. I. Kravchenko. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 142 S '67.

Determination of the viability of *Mycobacterium leprae* by means of the cytochemical method. S. V. Biriukova. *Probl. tub.* 45 no. 12 64-67 '67.

Diagnostic value of intradermal test with normal - globulin in infectious hepatitis. M. B. Titov, I. A. Grishin. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 104-105 S '67.

Effect of exogenous and endogenous interferon on viruses of Aujeszky's disease. N. M. Furer, E. A. Piroshchinskaya. *Antibiotiki* 12 no. 12 1039-1102 D '67.

Effect of inhibited absorbing function of the reticuloendothelial system on the sensitivity of white mice to plague toxin. M. F. Efremova. *Biul. eksp. biol. i med.* 64 no. 10 63-65 O '67.

Effect of the "transplant against the host" reaction in the process of infection. E. A. Fedosov. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 126-131 S '67.

Evolution of botulism. Report No. 1. Biological significance of pathogenicity. P. N. Burgasov, S. N. Rumyantsev. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 16-24 S '67.

Experience in the work of a sanitary-epidemiological station on the prevention of infectious diseases in a rural district. A. I. Khomazuk. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 134-135 S '67.

Heparin and streptococcal electrophoresis in the treatment of erysipelas inflammations. G. V. Gotsyn, V. I. Murzin. *Vest. khir.* 99 no. 12:63-66 D '67.

Immunochemical properties of cultures of the pathogen of B paratyphoid fever. A. I. Kovaleva and others. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 64-68 S '67.

Immunological activity of paratyphoid B vaccines with a known epidemiological effectiveness. L. A. Levina, A. K. Drozd, L. V. Toropova. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 73-79 S '67.

Infectious diseases and their prevention; excursion of 8th grade students to the House of Sanitary Education, experience of teachers in Leningrad. L. A. Ivashova. *Uch. zap. ped. inst. Gerts.* 276 321-331 '65.

Infectious epilepsy in children. I. B. Galant, V. S. Alerik. *Trudy Gos. nauch. -issl. inst. psikh.* 47 380-385 '67.

Interrelations of the increase of heat production inadequately to gas exchange and the disruption of respiration and phosphorylation in cells of the liver in diphtheria intoxication. P. N. Veselkin, E. S. Gramenitskaya, L. I. Nislovskaya. *Biul. eksp. biol. i med.* 64 no. 11 55-60 N '67.

Intraspecies typing of dysentery *Shigella sonnei* by means of colicina. O. I. Emel'yanova. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 40-44 S '67.

Late observations on Vi-antibody formation in persons recovered from typhoid fever and treated with Vi-antigens combined with levomycetin. V. P. Schneider. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 146 S '67.

Liquid erythrocytic typhus diagnosticum for indirect hemagglutination reaction. R. A. Pashenichov, V. A. Kolotov, O. A. Kasatova. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 62-64 S '67.

Mechanism of the action of the inhibitor of protein synthesis in the cells of aortic carcinoma following infection with encephalomyocarditis viruses. M. K. Kukharova, N. V. Kaverin. *Vop. med. khim.* 13 no. 5 522-530 S-O '67.

- Morphological and functional characteristics of the state of synapses in spinal motoneurons in tetanus intoxication. IU, IA, Gelusman, M. V., Diakonova, G. N., Kryzhanovskii. *Biul' eksp. biol. i med.* 64 no. 11 71-75 N '67
- Nikitin, M. G., and P. M. Bazylev.** [Aujeszky's disease] *Bolezni' Aueski* Moskva, Kolos, 1967 261 p
- On the centennial of the Society of Epidemiologists, Microbiologists and Infectious Disease Specialists. I. L. Elkin, K. Z. Levitova. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 148-153 S '67
- Psychopathology of chronic progressive forms of tick-borne encephalitis with the hyperkinesic-epilepsy syndrome. V. N. Kluchikov, L. K. Khokhlov. *Trudy Gos. nauch.-issl. inst. psikh.* 47 72-78 '67
- Results of the study and control of brucellosis. P. A. Vershova. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 3-6 S '67
- Salmonella anatum infections in workers of a meat canning plant. A. D. Usenko and others. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 100-104 S '67
- Significance of the complement fixation reaction with the first phase antigen of *Rickettsia burneti* in the diagnosis of Q fever. N. I. Fedorova and others. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 44-49 S '67
- Sokolov, M. I.** [Influenza and its prevention] *Gripp i ego preduprezhdenie* Moskva, Meditsina, 1967 44 p (Biblioteka srednego medrabotnika) (DNLM)
- Study on chick embryos of the protective properties of sera of rabbits immunized with typhoid vaccine. V. I. Fain, A. N. Meshalova, V. D. Balaban. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 80-83 S '67
- [Toxoplasmosis] *Toksoplazmoz*, Kiev, Zdorov'ia, 1966, 276 p (DNLM)
- Ugrumov, B. I.** [Infectious hepatitis; Botkin's disease] *Infektsionnyi gepatit, bolezni' Botkina* Moskva, Meditsina, 1966 22 p (Nauchno-populjarnaja meditsinskaja literatura) (DNLM)
- 616 9(474.2)—Estonian S. R
- 6th Conference of the Tallinn Scientific Research Institute of Epidemiology, Microbiology, and Hygiene. Kh. O. Pihl, A. A. Tetsov. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 156-157 S '67
- 616.9(571.6)—Soviet Far East
- Mosography of Salmonella diseases in Soviet Far East. S. E. Shapiro, M. S. Lenkina, R. I. Kireeva. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 112-115 S '67
- 517 SURGERY**
- Achievements and aspects of the development of anaesthesia in chest surgery. O. A. Dolina. *Grud. khir.* 9 no. 6 24-28 N-D '67
- Acute iliac adenitis in children. R. S. Shizel'. *Vest. khir.* 99 no. 12 96-98 D '67
- Acute myocardial infarct as a complication of surgery on the heart. R. N. Lebedeva, K. A. Goinak. *Kardiologiya* 7 no. 8 47-54 Ag '67
- Angiobronchographic and electrocardiographic comparisons in late periods following lobectomy. IU, A. Muromskii, L. V. Soldatkina. *Grud. khir.* 9 no. 6 84-71 N-D '67
- Anxiolytic function of the liver and anesthesia in patients with osteoarticular tuberculosis. S. K. Udalov, M. P. Mukhina. *Probl. tub.* 45 no. 7 63-67 '67
- Artificial heart implanted in the body. B. V. Petrovskii, V. I. Shumakov. *Kardiologiya* 7 no. 8 14-20 Ag '67
- Babchin, I. S., and others.** [Cerebral tumors in children and adolescents, clinical aspects and surgical treatment] *Opukholi golovnogo mozga u detei i podrostkov, klinika i khirurgicheskoe lechenie*. Pod red. I. S. Babchina [Leningrad] Meditsina, 1967. 321 p. (DNLM)
- Bile excretion function of the liver in animals following castration. N. P. Skakun, G. K. Skakun, G. N. Lipov. *Fiziol. zhur.* 53 no. 12 1446-1451 D '67
- Changes in the neurological picture following surgical treatment of discogenic lumbosacral radiculitis. R. Palmre. *Vop. klin. nevr. i psikh.* 6 100-103 '66
- Characteristics of amputations of burnt extremities. V. A. Kravtsov. *Vest. khir.* 99 no. 12 66-69 D '67
- Characteristics of the diagnosis and surgical treatment of traumatic defects of the heart. F. B. Baltuzek, M. I. Baumistov, T. V. Palamarchuk. *Grud. khir.* 9 no. 6 34-38 N-D '67
- Clinical and experimental data on the use of a kidney as an organic portacaval shunt. L. I. Roman. *Urol. i nefr.* 31 no. 5 18-22 S-O '66
- Comparison of the activity of various antimicrobial tissues in respect to *Escherichia coli*, *Proteus*, and fungi of the *Candida* genus. N. S. Plotkina. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 143 S '67
- Comparative characteristics of suture materials used in suturing the pancreas. S. S. Nesterov. *Med. tekhn.* 1 no. 5 47-49 S-O '67
- Comparative evaluation of different methods of surgical treatment of tuberculous coxitis. G. K. Guseinov. *Probl. tub.* 45 no. 7 40-45 '67
- Comparative evaluation of external respiration based on general and separate spirometry for the determination of "functional" operability in pulmonary tumors. O. N. Makarenko. *Grud. khir.* 9 no. 6 82-85 N-D '67
- Comparative evaluation of some methods of experimental plastic surgery on the esophagus using the stomach. E. N. Vantsion, O. K. Skobelkin. *Grud. khir.* 9 no. 6 96-107 N-D '67
- Complications in annular drainage of the kidney. L. K. Iasenko. *Urol. i nefr.* 31 no. 5 47-49 S-O '66
- Congenital phlebectasia of the jugular veins in children. IU, F. Isakov, IU, A. Tikhonov. *Vest. khir.* 99 no. 12 88-91 D '67
- Determination of intracardiac shunt by means of platinum and hydrogen electrode. A. Marchinkavicius, J. Rugenius. *Kardiologiya* 7 no. 8 87-93 Ag '67
- Determination of the alkaline reserve of whole blood with calculation of the content of hemoglobin in surgical patients. O. V. Pavlova and others. *Lab. delo* no. 10 591-594 '67
- Development of surgery for cirrhosis of the liver and portal hypertension in the U. S. S. R. P. N. Napalkov and others. *Vest. khir.* 99 no. 12 3-12 D '67
- Device for placing the drainage tube following surgery on thoracic organs. A. A. Adamian. *Med. tekhn.* 1 no. 5 57-58 N-D '67
- Diagnosis and surgical treatment of septal defects of the venous sinus. I. K. Okhotin. *Grud. khir.* 9 no. 6 20-33 N-D '67
- Diagnosis and treatment of congenital cystic dilatation of the common bile ducts in children. G. A. Baistrov. *Vest. khir.* 99 no. 12 91-96 D '67
- Duration of aystolic phases in mitral stenosis before and following commissurotomy. V. S. Kazenko, I. S. Gil'mar. L. I. Martynenko. *Kardiologiya* 7 no. 10 122-125 O '67
- Dynamics of pathophysiological changes in acute respiratory insufficiency under the effect of tracheostomy and artificial respiration. L. S. Likhneits. *Grud. khir.* 9 no. 6 76-82 N-D '67
- Economical resection of corpora vertebrae in tuberculous spondylitis. D. C. Kovalenko. *Probl. tub.* 45 no. 7 32-36 '67
- Effect of normal antibodies in the reaction to homotransplant. L. M. Siuzumova. *Pat. fiziol. i eksp. terap.* 11 no. 6 68-70 N-D '67
- Effect of the "transplant against the host" reaction in the process of infection. E. A. Fedosov. *Zhur. mikrobiol., epid. i immun.* 44 no. 9 126-131 S '67
- Electrokymography in coarctation of the aorta before and at late periods following surgical treatment. F. I. Zargali, I. T. Kitaeva, G. U. Mal'sagov. *Kardiologiya* 7 no. 10 43-48 O '67
- Evaluation of the methods of mitral commissurotomy and some factors affecting the outcome of treatment in the light of late results. V. V. Koptil'sev. *Grud. khir.* 9 no. 6 42-46 N-D '67
- Experience in the treatment of femoral fractures by means of metal osteosynthesis. S. I. Ipenkov. *Vest. khir.* 99 no. 12 48-52 D '67
- Experience in using diadynamic currents in stomatological practice. E. I. Shakhmurova, T. F. Grigor'eva. *Vop. kur., fizioter., i lech. fiz. kult.* 32 no. 6 457-468 S-O '67
- Experimental analysis of the origin of antibody-forming cells in the spleen of intact recipient following the transplantation of cells from immunized donor. L. N. Fontalin, L. A. Pevnitskii, N. A. Kraskina. *Biul. eksp. biol. i med.* 64 no. 11 108-113 N '67
- First Plenum of the Board of the All-Union Society of Anesthesiologists and Resuscitation Specialists. V. M. Urevich. *Med. tekhn.* 1 no. 5 60-61 S-O '67
- G. A. Baistrov's direct anastomosis in esophageal atresia in newborn infants. V. N. Semenov. *Vest. khir.* 99 no. 12 99-100 D '67
- Gastrectomy with establishing an esophagoduodenal anastomosis using mechanical suture in cancer of the stomach. V. I. Kukosh, L. F. Chetukhina, L. I. Kazimirov. *Med. tekhn.* 1 no. 5 54-56 S-O '67
- Histochemical changes in kidneys resected for different forms of tuberculosis. A. F. Kisleva. *Probl. tub.* 45 no. 7 71-77 '67
- Implantation of electrodes into the anterior chamber of the eye for experimental polarographic studies. S. V. Sholokhov, A. A. Lakovlev. *Biul. eksp. biol. i med.* 64 no. 10 103-105 O '67
- Importance of ultrasound bioaction of the pleural cavity in chest surgery. IU, N. Rogin, V. I. Kluomenkov. *Grud. khir.* 9 no. 6 66-67 N-D '67
- Indication for the use of intrathoracic approaches in surgical treatment of tuberculous spondylitis. T. B. Bekenov. *Probl. tub.* 45 no. 7 36-40 '67
- Indices of blood circulation in children with osteoarticular tuberculosis in different stages of surgical treatment. IA, A. Ugraitkii, V. M. Pekshueva. *Probl. tub.* 45 no. 7 67-71 '67
- Indices of the blood coagulation system in tuberculosis with bronchial fistulas following the resection of lungs, before, during and following plastic surgery. B. A. Kuznetsova, V. F. Didenko, IU, L. Semenenkov. *Grud. khir.* 9 88-94 N-D '67
- Intramedullary osteosynthesis with a homotransplant in fractures of the surgical neck and capitulum humeri. A. P. Makarov. *Vest. khir.* 99 no. 12 36-42 D '67
- Intraosseous osteosynthesis by means of heterogenous bolt in fractures of metatarsal bones. P. I. Poliakov. *Vest. khir.* 99 no. 12 57-59 D '67
- Irrational operations in tuberculous coxitis. N. T. Katerinich. *Probl. tub.* 45 no. 7 79-80 '67
- Khromov, B. M.** [Surgical aid in outpatient and polyclinical installation] *Khirurgicheskaja pomoshch' v ambulatorno-poliklinicheskikh uchi zhenitnakh*. Izd. 2, dop. 1 perer [Leningrad] Meditsina, 1967 381 p (Biblioteka prakticheskogo vracha) (DNLM)
- Lower pragmatism and its treatment. V. S. Vasil'ev. *Vest. khir.* 99 no. 12 84-87 D '67
- Medicinal treatment of temporal epilepsy. L. P. Lobova, T. A. Dobrokhotova. *Trudy Gos. nauch.-issl. inst. psikh.* 47 325-330 '67
- Methodology and technique of combined resection of a bronchus and pulmonary artery with the use of autoplasmic materials, experimental study. IU, IA Rabinovich. *Grud. khir.* 9 no. 6 50-51 N-D '67
- Microcirculation in the liver in lethal asphyxia and subsequent resuscitation. A. IA, Evstusienko. *Biul. eksp. biol. i med.* 64 no. 12 28-31 D '67
- Pathological physiology of burns. N. A. Fedorov, E. V. Gubier. *Pat. fiziol. i eksp. terap.* 11 no. 6 13-13 N-D '67
- Problems of medical technique in the 8th All-Russian Congress of Surgeons. A. G. Geclevich. *Med. tekhn.* 1 no. 5 61-62 S-O '67
- Regeneration of lymph nodes following transplantation. M. S. Didukh. *Biul. eksp. biol. i med.* 64 no. 12 84-88 D '67
- Reimplantation and reconstruction of the fingers. P. D. Topalov. *Ortop., travm. i protez.* 78 no. 6 50-55 Ag '67
- Repeated resection of the lungs for pleural empyema and recurrences of cavem in pulmonary tuberculosis. Z. IA, Lysenko. *Grud. khir.* 9 no. 6 72-75 N-D '67
- Revascularization of the right kidney using the inferior mesenteric artery, experimental study. B. S. Bazhenov, V. P. Ivanov. *Urol. i nefr.* 31 no. 5 16-17 S-O '66
- Role of bronchial lesions in the postoperative period following resection of lung for tuberculosis. M. S. Belon'vii, A. F. Efimtseva. *Probl. tub.* 45 no. 12 17-22 '67
- Role of chronic bronchitis in the genesis of atelectasis following partial resection of the lungs. G. I. Lukomskii, E. S. Nogovitsin. *Grud. khir.* 9 no. 6 61-63 N-D '67
- Role of the adrenal glands in the changes in blood serum cholinesterase activity in stress reaction caused by surgical trauma. IU, I. Bondarenko. *Pat. fiziol. i eksp. terap.* 11 no. 6 70-71 N-D '67
- Some data of analysis of surgical treatment of patients with retarded consolidation, nonunion of fractures and defects of antebrachial bones. A. V. Vorontsov, V. M. Dem'ianov, S. S. Tkachenko. *Vest. khir.* 99 no. 12 30-36 D '67
- Some problems of determining the extent of surgical intervention in bronchiectasis in children. A. G. Pugaichev and others. *Grud. khir.* 9 no. 6 51-61 N-D '67
- Stage of exhaustion of the central nervous system in hemorrhage and shock and use of cranio-cerebral hypothermia. L. R. Petrov. *Vest. khir.* 99 no. 12 13-17 D '67
- Study of puncture biopsy of the kidneys; an anatomical and clinical observations. A. M. Viktori, E. G. Legkonegova. *Akh. pat.* 29 no. 8 30-36 '67
- Supratrochanteric osteotomy in congenital hip dislocation. P. IA, Fischenko. *Vest. khir.* 99 no. 12 109-110 D '67
- Surgical aspects of reconstructive operations on the heart and blood vessels. *Grud. khir.* 9 no. 6 3-9 N-D '67
- Surgical closing of a suprapubic cyst of the urinary bladder 10 years after epicystostomy. I. P. Shevtsov, D. I. Vakhnii. *Urol. i nefr.* 31 no. 5 84-85 S-O '66
- Surgical possibilities in the treatment of acquired defects and diseases of the heart and the indications for operations. B. V. Petrovskii, G. M. Solov'ev. *Kardiologiya* 7 no. 10 3-8 O '67
- Surgical treatment of embolism of the pulmonary artery. N. N. Malinovskii, M. E. Zhadkevich, G. S. Kotovskii. *Grud. khir.* 9 no. 6 10-18 N-D '67
- Surgical treatment of renal tuberculosis. V. D. Grund. *Urol. i nefr.* 31 no. 5 8-18 S-O '66
- Surgical treatment of spinal disorders in tuberculosis of the spine. A. V. Pridatkevich. *Probl. tub.* 45 no. 7 78-79 '67
- Surgical treatment of tuberculosis of genitalia. V. A. Gubiev. *Probl. tub.* 45 no. 7 46-49 '67
- Surgery in cerebral insufficiency. A. V. Chevalier. *Vop. klin. nevr. i psikh.* 6 94-99 '60
- Sutureless junction of tissues. B. M. Khromov, N. A. Kotlov. *Med. tekhn.* 1 no. 6 35-42 N-D '67
- Third All-Russian Congress of Surgeons. N. A. Postolov. *Vest. khir.* 99 no. 12 118-123 D '67
- Tracheostomy and artificial pulmonary ventilation in control of acute postoperative pulmonary and cardiopulmonary insufficiency in tuberculosis of the lungs. L. K. Bogush, V. B. Nefedov, M. Eshankhanov. *Grud. khir.* 9 no. 6 18-24 N-D '67
- Transplantation of homogenous preserved bones in the treatment of benign skeletal tumors and fibrous osteodystrophies. I. L. Krupko, S. S. Tkachenko. *Vest. khir.* 99 no. 12 43-48 D '67

- Dissociation mechanism of a supersaturated solid solution of arsenic in germanium. I. P. Arsen'teva and others. Fiz. tver tela 9 no. 11 3104-3110 N '67
- Distribution of alloying elements in the phases of OKh21NST steel. G. V. Sergeeva, N. V. Klyukhova. Metalloved i term. obr. met. no. 11 75-76 N '67
- Effect of cerium and lanthanum on white structure formation in cast iron. A. E. Kryvosheev and others. Lit. proizv. no. 3 14-17 Mr '67
- Effect of heating temperature and plastic deformation on the structure of the transition zone in a steel-titanium bimetal. V. I. Stol'tsiy, A. A. Aleksandrov. Trudy LPI no. 287 20-22 '67
- Effect of initial structure on transformation in high carbon steels during heating. E. A. Sinol'nikov. Metalloved i term. obr. met. no. 11 51-58 N '67
- Effect of plastic deformation and aging on the structure of the AlMg alloy. V. A. Pavlov, S. A. Frizen. Fiz. met. i metalloved. 24 no. 4 720-726 O '67
- Effect of short-range order on the electrical resistance of solid solutions. A. A. Katsnel'son, L. M. Shevchuk. Fiz. met. i metalloved. 24 no. 4 683-687 O '67
- Effect of the welding thermal cycle and the heat treatment on the tendency of B1847 steel to intercrystalline corrosion. I. U. V. Rybakov and others. Avtom. svar. 20 no. 7:76-77 Ji '67
- Effect of titanium content on the character of α/β -transformations in lKh21NST steel. I. A. M. Dittakvskiy. Trudy LPI no. 284 83-86 '67
- Effect of tungsten on the graphitization of cast iron. K. P. Dunin, I. E. Lev, A. K. Repin. Izv. vys. ucheb. zav., Chern. met. no. 10 149-151 '67
- Electron diffraction study of titanium dioxide in thin films. V. I. Khitrova, V. V. Klichkovskaya, Z. G. Pinsker. Kristallografiya 12 no. 6:1044-1050 N-D '67
- Fifty years of progress in the metallurgy and heat treatment of metals and alloys. M. L. Bernshteyn and others. Izv. vys. ucheb. zav., Chern. met. no. 10 61-58 '67
- Grain growth and changes in magnetic properties during secondary recrystallization of cold rolled transformer steel. V. E. Kochnov, R. B. Gershtman, S. M. Vasil'eva. Teor. i prakt. met. no. 8 169-173 '66
- Imperfections of crystalline structure and reversibility of the embrittlement of steel during tempering. I. I. Lysak, E. A. Veksel'. Fiz. met. i metalloved. 24 no. 4 699-706 O '67
- Influence of the surface plastic deformation on the microhardness of hard-faced parts. I. I. Lunevskiy. Svar. proizv. no. 8 22-24 Je '67
- Investigating nitrides in joint-forming metal in open-air welding of steel. L. F. Krivonoz and others. Avtom. svar. 20 no. 7:6-9 Ji '67
- Mechanism of the coarsening of the grain during recrystallization following critical deformation. S. S. Gorelik and others. Fiz. met. i metalloved. 24 no. 4 761-764 O '67
- Methods and equipment for the determination of the crystallographic orientation of grains in alpha-iron by etch figures. V. E. Kochnov. Teor. i prakt. met. no. 8 215-250 '66
- Microsegregation of impurities in conditions of the interaction between a molten metal flow and the crystallization front. G. P. Balandin, B. I. Somenov. Fiz. met. i metalloved. 24 no. 4 654-660 O '67
- Near order in the Ni-Cr alloy. E. Z. Vintal'kin, A. A. Loshmanov. Fiz. met. i metalloved. 24 no. 4 754-755 O '67
- Phase composition of the boundary layer of an aluminum-copper bimetal. F. L. Loshmanov. Metalloved i term. obr. met. no. 11 72 N '67
- Photoexcitation of dislocation motion in NaCl crystals. M. M. Novikov, N. I. Pysanko. Ukr. fiz. zhur. 12 no. 9:1545-1552 S '67
- Separating edge and screw dislocations in electrolytic etching. I. D. Kedrin, V. G. Marinchik. Izv. vys. ucheb. zav., Chern. met. no. 10 130-131 '67
- Resistance of austenitic manganese-aluminum weld metal to hot crack forming. A. P. Baryshnikov, G. I. Petrov. Avtom. svar. 20 no. 11 14-18 N '67
- Slow electron diffraction as a method for studying atomic structure of surfaces. V. F. Dvorjankin, A. I. Mitagin. Kristallografiya 12 no. 6:1112-1134 N-D '67
- Structural changes during the aging of martensite in an Fe-Ni-Ti alloy. A. P. Edneral, V. M. Kadonskii, M. D. Perkas. Fiz. met. i metalloved. 24 no. 4 669-676 O '67
- Structure and properties of $\text{CuS}_x\text{Se}_{1-x}$ films obtained by vacuum deposition from molecular beams. M. V. Havrylenko and others. Ukr. fiz. zhur. 12 no. 9:1515-1519 S '67
- Structure of chemically deposited cobalt. S. A. Shataeva, S. A. Andreeva, N. V. Koroleva. Zashch. met. 3 no. 6:744-747 N-D '67
- Structure of ultrathin films obtained by condensing tantalum and iridium in a vacuum. D. I. Lainer, V. A. Kholmanskii. Kristallografiya 12 no. 6:1051-1057 N-D '67
- X-ray diffraction study of some characteristics of impurity distribution in highly alloyed Al-Cu single crystals. V. G. Fomin, M. G. Mil'vidskii. Kristallografiya 12 no. 6:1089-1091 N-D '67
- X-ray structural phase analysis of the erbium-hydrogen system. Z. M. Azarkh, P. I. Gavrilov. Kristallografiya 12 no. 6:1070-1072 N-D '67
- ### 620.19 DEFECTS AND DETERIORATION IN MATERIALS. CORROSION AND EROSION
- Anodic dissolution of iron in the presence of organic chromates. I. L. Rozenfeld, A. I. Khamdullin, V. P. Persiantseva. Zashch. met. 3 no. 6:679-684 N-D '67
- Asymptotic behavior of the boundary transformation with respect to the roughness parameter. R. N. Miroshin. Aerod. razv. zh. no. 3 124-151 '67
- Calculation of yarn shrinkage in the fabrics. N. V. Vasil'chikova. Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5:86-92 '67
- Chemical resistance of high alloy steels in ammonium fluosilicate solutions. M. M. Godneva. Zhur. prikl. khim. 40 no. 8:1744-1749 Ag '67
- Chemical resistance of nonferrous metals in ammonium fluosilicate solutions. M. M. Godneva, E. S. Geizler. Zhur. prikl. khim. 40 no. 8:1750-1753 Ag '67
- Comparative corrosion tests of high-alloy babbitts, containing up to 3% lead. I. A. El'in, V. M. Khokhlov. Inform. sbor. TSNIIMF no. 159 Tekh. ekpl. mor. flota no. 49 41-46 '67
- Corrosion behavior of Kh18Ni9Ti steel under stress in chloride-chlorate solutions. V. A. Levin, A. E. Romanushkina, V. M. Novakovskii. Zashch. met. 3 no. 6:711-718 N-D '67
- Corrosion behavior of structural materials in gaseous ammonia at a 200° temperature. A. I. Gromova, A. A. Sabitov, V. V. Gerasimov. Zashch. met. 3 no. 6:740-741 N-D '67
- Corrosion cracking of high strength 60Kh3G8N81 austenitic steel. A. V. Riabchenko, V. P. Sidorov. Zashch. met. 3 no. 6:705-710 N-D '67
- Corrosion of carbon and low-alloy steels in seawater. L. A. Grinberg, E. Sh. Ryt. Inform. sbor. TSNIIMF no. 159, Tekh. ekpl. mor. flota no. 49 26-30 '67
- Corrosion of materials made from gypsum cement pozolanic binder. V. A. Berkovich. Stroi. i arkh. Uzb. 8 no. 9 36-30 S '67
- Corrosion of reinforcement in gypsum cement puzzolanic concrete in livestock buildings. P. F. Gordashevskii, N. I. Skvortsova. Sbor. trud. VNIISTROM no. 6:189-186 '66
- Corrosion of rustproof steels in the production of acetic acid. P. I. Amelin. Gidroliz. i lesokhim. prom. 18 no. 8 19-21 '65
- Corrosion of steel in water under a protective plastic coating. I. U. E. Lobanov. Zashch. met. 3 no. 6:747-749 N-D '67
- Corrosion resistance of carbon and low-alloy steels and permissibility of combining them in seagoing ship hulls. R. A. Markovich, L. A. Suprun. Inform. sbor. TSNIIMF no. 159, Tekh. ekpl. mor. flota no. 49 31-40 '67
- Determining corrosive action of the combustion products of gas turbine fuels. B. I. Komarov and others. Trudy VNIIP no. 10:140-151 '67
- Developments in the U.S.S.R. during the last 50 years in the theory of metal corrosion. I. A. M. Kolotykin. Zashch. met. 3 no. 6:687-678 N-D '67
- Dielectric properties of hydrocarbon lubricants for corrosion prevention of electric line wires of submarine oil fields. A. A. Spirin and others. Za tekhn. prom. 7 no. 8 19-22 Ag '67
- Distribution of nonmetallic inclusions in an ingot of ball-bearing steel made with vacuum arc refining. D. P. Dolinin and others. Teor. i prakt. met. no. 8 197-203 '66
- Dual conveyor unit for the dehydration and conservation of parts. V. I. Pozdnyakov. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 20 no. 11:17-18 N '67
- Effect of induced radioactivity in steel 45 on the protective action of certain inhibitors during its dissolution in sulfuric acid. S. A. Balezin, N. A. Laptev, V. I. Spitsyn. Zashch. met. 3 no. 6:742-744 N-D '67
- Effect of thiourea and anthranilic acid on the corrosion behavior of certain metals and alloys in sulfuric acid. M. M. Geizer, N. P. Zhuk, N. F. Leonovich. Zashch. met. 3 no. 6:692-699 N-D '67
- Eliminating contact corrosion by fitting a lining on the propeller shaft with the help of an epoxy compound. I. A. El'in. Inform. sbor. TSNIIMF no. 159, Tekh. ekpl. mor. flota no. 49 72-77 '67
- Evaluating the corrosion properties of diesel oils under laboratory conditions. S. I. Soven'nikov. Khim. i tekhn. topl. i masel 12 no. 10:48-52 O '67
- Impermeability of Al-Si alloy castings. P. P. Berg, E. B. Gokov. Lit. proizv. no. 3 26-28 Mr '67
- Increasing the resistance of steel parts against corrosion fatigue in the chemical machinery building. I. V. Karpenko, I. U. I. Iabel. Khim. nef. mashinostr. no. 10:31-32 O '65
- Inhibitor action of benzotriazole, mercaptobenzothiazole, acetaldehyde, cupron oxine, and thioxine in ammonia and sodium hydroxide in the presence of ammonium ions. V. P. Dobrovolskaia, T. G. Neznamova, V. P. Barannik. Zhur. prikl. khim. 40 no. 8:1841-1843 Ag '67
- International colloquium on the mechanism of active dissolution and passivation of metals. L. I. Froiman. Zashch. met. 3 no. 6:750-751 N-D '67
- Investigating processes of the breakdown of ShKh-15 steel caused by a pulsing contact in various media. V. M. Gudchenko, S. V. Pinegin. Mashinovedenie no. 6:72-84 N-D '67
- Kinetics of processes causing the corrosion of iron in sulfuric acid solutions. L. I. Antropov, I. U. A. Savgira. Zashch. met. 3 no. 6:685-681 N-D '67
- Method of evaluating the amount of defects critical for their effect on glass strength. O. A. Triolskii. Stok. i kor. 24 no. 4:8-10 Ap '67
- Nonmetallic inclusions in the EI437B alloy made in a vacuum induction furnace. G. I. Parshina, Z. M. Kalina. Teor. i prakt. met. no. 8 204-207 '66
- Nonsteady state of a controlled process of the cathodic protection of seagoing ships. V. F. Miachin. Trudy TSNIIMF 12 no. 80:97-106 '67
- Physicochemical state of hematite in iron scale. V. I. Arkharev, E. V. Agapova. Fiz. met. i metalloved. 24 no. 4 759-761 O '67
- Possibility of using the method of secondary ion-ton emission in the study of corrosion processes. V. I. A. Kolot and others. Zashch. met. 3 no. 6:723-730 N-D '67
- Protecting silicate glass surfaces with organosilicon compounds. V. A. Riabov and others. Stok. i kor. 24 no. 4 4-8 Ap '67
- Protection of steel-stranded aluminum wires from corrosion. V. I. Shakov and others. Elek. sta. 37 no. 6:72-73 Je '66
- Reconditioning enamel coatings of enameled devices. B. I. Erzovskii. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 20 no. 11 6-7 N '67
- Rough spots on rails and ballast deformations. V. F. Baraboshin. Put' i put. khoz. 11 no. 7:34-35 '67
- Selecting a coating for the variable waterline belt of a seagoing ship with an unlimited area of sailing. V. A. Bershtein and others. Inform. sbor. TSNIIMF no. 159 Tekh. ekpl. mor. flota no. 49 18-25 '67
- Solutions for the rapid testing of alloys in the system Al-Mg for tendency toward corrosion cracking. T. M. Sigalovskaya, E. M. Zaretskii. Zashch. met. 3 no. 6:730-736 N-D '67
- Study of the corrosion aggressiveness of water in the water supply systems of petroleum refineries. A. M. Pomykhin, L. A. Skolnikova. Khim. i tekhn. topl. i masel 12 no. 10 25-26 O '67
- Studying the inhibiting properties of N-containing polymer coatings on metals. V. I. Zavarzhina, I. U. N. Mikhailovskii, P. I. Zubov. Zashch. met. 3 no. 6:700-704 N-D '67
- Studying wear and scale formation in cylinders of marine low-speed diesels depending on oil dosage. L. G. Ginzburg, T. L. Vinogradov, L. A. Deriugina. Trudy TSNIIMF 13 no. 81:62-70 '67
- Use of propeller shafts with anticorrosive coatings made of epoxy fiberglass. I. A. El'in. Inform. sbor. TSNIIMF no. 159, Tekh. ekpl. mor. flota no. 49 12-17 '67
- Wet corrosion in working cylinders of marine diesels. T. L. Vinogradov. Trudy TSNIIMF 13 no. 81:54-61 '67
- ### 620.2 COMMERCIAL MATERIALS, WARES (QUALITY, WORKMANSHIP, ETC.)
- [Alphabetical index to the Standard commodity nomenclature for the foreign trade of the member countries of the Mutual Economic Assistance Council, the Standard International trade classification, United Nations, and the Brussels nomenclature for the classification of goods in customs tariffs] Alfavitnyi ukazatel' k edinotovarnoi nomenklature vnesheoi trgovoi siram-chlenov SEV, Standartnoi mezhunarodnoi trgovoi klassifikatsii OON i Briussel'skoi tamozhnoi nomenklature. Moskva, 1967. 77 p. (Biulleten' inostrannoi kommercheskoi informatsii, prilozhenie, no. 11)
- From a descriptive discipline to science. N. Alekseev. Sov. iorg. 41 no. 12 30-34 D '67
- Some economic problems of production quality. G. Zaikov. Vop. ekon. no. 12:128-133 D '67
- ### 621 MECHANICAL AND ELECTRICAL ENGINEERING. MACHINERY
- Adaption of the conveyor for processing of two types of livestock. N. Novikov. Mts. ind. SSSR 38 no. 12:27 D '67
- Adjustment work during the starting period should be organized better. S. Pertsosvskii. Ekon. stroi. 10 no. 1 34-36 '68
- Aiming at 500,000 tons of coal yearly with the USB-2m plow. L. I. Semkin. Ugol' Ukr. 11 no. 11:44-45 N '67
- [Algorithms and programs for estimating limiting equipment: a methodological aid for technical and economic planning in a machinery manufacturing enterprise] Algoritmy i programmy raschetov limitiruyushchego oborudovaniia; metodicheskoe posobie po tekhniko-ekonomicheskomu planirovaniu na mashinostroitel'nom predpriatii. Novosibirsk, 1966 131 p.
- Automatic transfer-machine lines, their application and maximum efficiency. I. A. Klusov and others. Mekh. i avtom. proizv. 21 no. 11:45-51 '67
- Automatic unit for weighing liquids on unequal-beam scales. A. A. Zakharchenko. Mast. -zhir. prom. 32 no. 5:44-45 My '66
- Blow of the heater. A. A. Kiselev. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 5 170-173 '67
- Calculating the load on the feeding cylinder of carding machines. Nguyen - Hieu, I. G. Borzunov. Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 160-165 '67
- Calculating the pressure in a pair of rollers. G. K. Kupnetsov. Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5:143-147 '67
- Charging capacity of polyamide bearings. S. I. Vinogradov, M. I. Kapustin, V. P. Somenov. Trudy LPI no. 285:27-31 '67
- Causes of an uneven spreading of wet yarn in the fabric during its processing on the automatic loom. G. V. Pakhtanova. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 5:78-83 '65

- Center of flexure of crane jibs V. N. Ushakov, Trudy LPI no. 285 71-79 '67
- Centralized planning for standard work areas and production equipment G. Monakhov, Sots. trud. 12 no. 12 73-79 D '67
- Certain peculiarities of the operation of cutter-loader chain drives V. D. Ogloblin, Ugol. Ukr. 11 no. 6 38-40 Je '67
- Combined automatic compressing-molding machine for the production of plastic products S. V. Trubman, M. I. Riabichynsky, Loh. prom. no. 5 52-51 S-O '66
- Consolidated methods of standards and the introduction of technologically justified time norms for machining operations in lot production. D. I. Epshtein, S. E. Asnis, Trudy LPI no. 64 81-92 '67
- Consolidating standards for machining operations in machinery enterprises (small-lot production) D. I. Epshtein, S. E. Asnis, Trudy LPI no. 64 72-80 '67
- Dependence of the strength of casting on the speed of the motion of working parts of the casting machine and on their feeding with fibrous sliver. P. M. Panin, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 59-63 '67
- Design change for circulation screens in digesters. O. A. Shiriaev, Bum. prom. no. 12 19 D '65
- Determining a method for the crosswise winding of yarn on the cylinder by a regular motion of the yarn guide. R. D. Iefremov, Loh. prom. no. 5 11-15 S-O '66
- Determining the compensating ability of couplings with intermediate disks V. S. Poliakov, IU. K. Mikhailov, Trudy LPI no. 285 12-19 '67
- Determining the relative index of labor intensity T. S. Podzorova, Uch. zap. Kaf. obshchestv. nauk vuz. G. Len., Polit. ekon. no. 8 67-72 '67
- Developing a new mechanism for moving of thread for periodical reinforcement. P. P. Trykov, IU. B. Fedorov, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 174-175 '67
- Development and engineering research activity of the Leningrad Research Institute of the Chemical Machinery Industry. N. N. Logunov, Khim. i nef. mashinost. no. 11 24-26 N '67
- Development of research and design work in the chemical machinery industry V. B. Nikolaev, Khim. i nef. mashinost. no. 11 1-6 N '67
- Device for measuring the thickness and for the study of the elasticity of elastic materials. V. A. Fedorenko, Loh. prom. no. 3 49-51 My-Je '66
- Device for the production of twisted highly elastic yarn. IE. F. Dudyk, Loh. prom. no. 3 37-38 My-Je '66
- Distribution of tangential stresses along the thickness of flattened stems of flax stock during the sliding bend-and-break process V. A. Liasch, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 166-169 '67
- Dynamic loads of a thread coupling. N. L. Kliachkin, Uch. zap. Ulan. gos. ped. inst. 20 no. 4 270-280 '66
- Effect of the pressing mechanism of the sizing machine rolls on the shaping of the weaver's beam. K. N. Bizarina, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 88-93 '65
- Effect of the size of setting on the productive capacity of warping separating and sizing machines. I. G. Tagavalian, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 76-80 '67
- Electric drive of main mechanisms on EVG-3565 over-burden-removal excavators IU. T. Kalashnikov and others, Gos. elektromekhn. i avtom. no. 8 71-75 '67
- Electrosonometric unit for measuring the energy affecting the running rollers of carding machines in the areas of interaction with a fibrous material. P. M. Panin, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 164-166 '65
- Equipment for stress rupture testing of metals in plane stress T. K. Marinets, V. A. Zhukov, Trudy LPI no. 284 13-15 '67
- Establishing work norms for the multiple machining of machine parts. D. Medvedev, E. Maksakova, Sots. trud. 12 no. 10 133-138 O '67
- Experimental-analytical determination of the derived moment of inertia and the moment of static resistance of a beam V. S. Mostekids, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 142-148 '65
- Experimental determination of the rate of longitudinal wave propagation in the belt of telescopic conveyors. O. I. Mosin, L. M. Alotin, Nauch. trudy KNIUI no. 17. 73-77 '65
- Forecasting demand for new equipment. A. Kenson, Vop. ekon. no. 12 39-47 D '67
- Gal'tsov, A. D. [Establishing norms, and the principles of scientific labor organization in machinery manufacture] Normirovanie i osnovy nauchnoi organizatsii truda v mashinostroenii Moskva, Mashinostroenie, 1967. 400 p.
- Geometrical problems of the mechanism of the cam of the thread-spreading device of the machine producing capron cord. V. A. Ziskindovich, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 134-137 '65
- Improving the wear resistance of thin-walled grooving parts of knitting machines. M. I. Riabichynsky, S. V. Trubman, Loh. prom. no. 3 42-43 My-Je '67
- Increasing the power of a slaughterhouse without taking up more space. A. Zenin, Mias. ind. SSSR 38 no. 12: 27 D '67
- Increasing the weight of packs on annular ring machines with cone winding. A. F. Proshkov, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 54-58 '67
- Industrial technology of modifying polymeric insulation in cables by radiation. E. E. Finkel', R. P. Braginskii, Atom. energ. 23 no. 5 473-475 N '67
- Introduction of the wet wire into the shed by means of rotating disks. G. M. Smirnov, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 84-87 '65
- Investigating the time to complete production work in the lot-production departments of machinery plants B. M. Genkin, K. D. Garber, Trudy LPI no. 64 50-54 '67
- Karalygin, A. M., and others. [Technology of printing machine manufacture] Tekhnologiya poligraficheskogo mashinostroenia Moskva, Kniga, 1967. 547 p.
- Machine for studying the effect of variable temperature and power conditions on the cyclic strength of heat resistant alloys. T. K. Marinets, V. K. Pustovoi, Trudy LPI no. 284 16-19 '67
- [Materials for machinery manufacture and the design of machine parts. Hydraulic drive] Ref. zhur. Mashinostroi. mal. konstr. i rasch. del. mash. Gidr. nos. 10-11 N '67
- Methods for designing automatic assembly equipment I. M. Kolesov, Uch. zap. Ulan. gos. ped. inst. 20 no. 4 257-270 '66
- Methods of measuring the effect of the degree in the machining intensity on the cost of machine-tools in transfer lines. B. D. Gushchin, Trudy LPI no. 64 96-101 '67
- New machinery and production planning. N. Orlov, Izobr. i rats. no. 10:11 O '61
- Nonlinear theory of the precision of plane mechanisms with higher kinetic pairs. N. G. Bruevich, V. I. Sergeev, Mashinovedenie no. 6 12-24 N-D '67
- Optimal calculation of the width for the dressing of Zuitser model looms. V. A. Gordeev, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 74-76 '65
- Optimum movements of vibratory systems. V. I. Babitskiy, M. A. Izraelovich, Mashinovedenie no. 6 45-50 N-D '67
- Organization of work in research institutes and design offices Sots. trud. 12 no. 12 110-118 D '67
- Paths into tomorrow. Evg. Panomarenko, Izobr. i rats. no. 10:8-9 O '61
- Patterned coloring of knit fabrics on printing machines. H. O. Strilets'kiy, Loh. prom. no. 3 46-47 My-Je '66
- Press for embossing designs on parts of shoe uppers. IA. L. Faierberh, Loh. prom. no. 5 44-47 S-O '66
- [Problems of technological progress and the organization of production in the machinery industry] Ref. zhur. Vop. tekhn. prog. i org. proizv. v mashinost. nos. 10-11 N '67
- Production of warp-ple fabrics by longitudinal rods on ordinary looms. A. A. Arhitan, Loh. prom. no. 5 7-9 S-O '66
- Programmed temperature control in digester during direct heating. V. S. Varushkin, Bum. prom. no. 12: 12-13 D '65
- Proportioning device for filling of tin containers with phosphatides. N. N. Primak, Mash. i zh. prom. 32 no. 5 42 My '66
- The proud name of "worker." Prof. -tekhn. obr. 24 no. 10 26-27 O '67
- PVL semiautomatic machine for cutting-out fused silver nitrate from the heel. IA. L. Faierberg, Loh. prom. no. 3 39-41 My-Je '66
- Regularize the designing of nonstandard equipment. IU. Lavrovskii, Ekon. stroit. 10 no. 1 36-38 '68
- Relative speed deviation of the motors of driven machines of the continuous lines of the textile industry according to the generator-motor system. G. G. Kovalev, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 120-123 '65
- Removable drum and the circulation of fibers in the carding machine. G. O. Lezhbebrukh, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 68-73 '65
- Repeated use of cooling water in soap production. D. V. Bolotin, Mash. i zh. prom. 32 no. 5 43 My '66
- Rolls of the calendar battery, as they should be. A. S. Filippov, B. G. Vetrov, O. A. Kornienko, Bum. prom. no. 11-16 N '67
- Rotary film apparatus for drying of phosphatides. A. G. Sergeev, I. M. Vasilina, B. N. Kirievskii, Mash. i zh. prom. 32 no. 5 40-42 My '66
- Scientific conferences and seminars on mechanical engineering in the anniversary year 1967. M. K. Ushov, V. A. Dubrovskii, Mashinovedenie no. 6 110-113 N-D '67
- The second symposium on the dynamics of vibratory-percussion systems. L. I. Tyves, Mashinovedenie no. 6 114-115 N-D '67
- Selection of linear flexible couplings. V. S. Poliakov, B. A. Vilenskii, Trudy LPI no. 285 65-67 '67
- Skein-dyeing of cotton yarn with active dyes on the KTSV-120 apparatus. Kh. M. Zinger and others, Loh. prom. no. 3 45-46 My-Je '66
- Socialist competition of the machinery industry workers. G. Seriduk, Komm. Ukr. 42 no. 12 75-76 D '67
- Soviet school of the theory of mechanical engineering during 50 years. I. I. Artobolevskii, Mashinovedenie no. 6 5-11 N-D '67
- Special features of the organization of wages in a pilot plant. V. Moskalenko, Sots. trud. 12 no. 12 39-40 D '67
- Standards and work norms for the planners. F. Komarov, Sots. trud. 12 no. 12 136-141 D '67
- The status and some problems of improving the organization of maintenance and repair in the machinery industry. A. V. Akhmedov, L. E. Gurin, Trudy LPI no. 64 11: 125 '67
- Studying couplings with a flexible element made of spring wire V. S. Poliakov, V. T. Shcherbak, Trudy LPI no. 285 4-11 '67
- Studying the wear resistance of thin layer polymer coatings in machine slide joints. S. I. Vinogradov, V. P. Semenov, Trudy LPI no. 285 20-26 '67
- System for automatic control of the screw-feeder in machinery for continuous woodpulp cooking. B. I. Ryzhinskiy, A. I. Smitayn, I. M. Abramzon, Bum. prom. no. 11-18-19 N '67
- [Technology of machinery manufacture] Ref. zhur. Tekhn. mashinost. no. 11 N '67
- Theoretical analysis of the degree of fiber protection of the joints of the removable drums of carding machines of various constructions. G. I. Karasev, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 64-67 '67
- Transformer stages. V. I. Zil'berfarb, Bum. prom. no. 12 16 D '65
- [Turbine manufacture] Ref. zhur. Turbost. no. 11 N '67
- U. S. S. R. is the leader in machinery manufacture. I. Artobolevskii, Izobr. i rats. no. 10:10 O '61
- Use of hard-alloy cutters in the shoe industry. A. F. Rieznik, D. I. Kinyats'kiy, Loh. prom. no. 5 35 37 N '66
- Use of sealed planar variators in units controlling the evenness of sliver in drawing machines. V. T. Ulietov, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 5 14 15 '67
- Vibrations of sewing machines. IE. S. Shershenov, P. I. Lukashcheych, Loh. prom. no. 3 51-52 My-Je '66
- The wage schedule. E. Astakhova, Sots. trud. 12 no. 11 147-149 D '67
- Work brings happiness. N. S. Chikirev, Sib. eta. prom. 11 no. 11 19-21 N '67

621(471.11)—Archangel Province

Operational stages of the B-11 papermaking machine. S. S. Karasik and others, Bum. prom. no. 11-4-7 N '67

621(471.232)—Leningrad City

Awarding bonuses to workers for manufacturing a fuel-less product and its acceptance on first delivery. B. E. Temirgaliev, Uch. zap. Kaf. obshchestv. nauk vuz. G. Len., Polit. ekon. no. 8 109-115 '67

Drum-type MRP-800 chopping machine. N. M. Vaf'skiy, P. L. Fad'n, Gidrol. i. desokhim. prom. 18 no. 7 23-25 '65

Economic methods of guidance and providing material incentives V. F. Isov, Sots. trud. 12 no. 10 33-38 O '67

Generations are working in the "Elektrastila" Plant. G. Smirnov, Prof. -tekhn. obr. 24 no. 10 13-14 O '67

Main trends in the growth of labor productivity in chemical machinery manufacturing. P. IA. Krapivin, N. E. Lebedinskii, Uch. zap. Kaf. obshchestv. nauk vuz. G. Len., Polit. ekon. no. 8 11-20 '67

621(471.310)—Moscow City

Engineering work and the efficiency of production. V. Poliakov, N. Samoil', Sov. profsoyuz. 23 no. 22 12-13 N '67

From the "Bromley" to the "Krasnyi proletarii." N. Blumkin, Prof. -tekhn. obr. 24 no. 10 41-42 O '67

Under the new conditions. I. Kurtyln. Ekon. i zhizn' 9 no. 6 51-56 Je '67

621(471.311)—Moscow Province

Contribution of production innovators. A. Kuberskiy, Mat. -tekhn. snabzh. 2 no. 9 30-32 S '67

621(471.314)—Vladimir Province

In the fairway of the economic reform. IA. Karpo. Sov. profsoyuz. 23 no. 22 10-11 N '67

621(471.5)—Ural regions

Supplementary source of materials. V. Eliseev, Mat. -tekhn. snabzh. 2 no. 9 53-56 S '67

621(471.53)—Perm Province

A secondary school of machine manufacture in Perm. L. V. Hushaev, G. A. Buchin, Sred. spets. obr. 13 no. 11 15 N '66

621(477)—Ukrainian S. S. R.

Efforts of party organizations of Ukrainian mining machinery plants to promote the movement for a communist toward work, 1959-1962. A. F. Beres'ov, Nauk. pratsi z ist. KPRS no. 8 108-118 '66

"Krasnyi Oktiabr'" Chemical Machinery Plant in Fast. A. E. Landa, Khim. i nef. mashinost. no. 11: 45 46 N '67

"Progress" Chemical Machinery Plant in Bardichev. E. M. Mel'nikov, G. I. Smirnov, Khim. i nef. mashinost. no. 11 40-43 N '67

Sunty M. V. Frunze Machinery Plant of the Order of Lenin. V. A. Reznichenko, V. D. Vasil'ev, Khim. i nef. mashinost. no. 11 37-40 N '67

Worker's pride. N. Miroshchenko. Komm. Ukr. 41 no. 11 61-66 N '67

- 621(479 24)—Azerbaijan S.S.R.
A teacher named for his work T. Naibov. Prof. tekhn. 24 no. 10-27 O '67
- 621(571)—Astatic R.S.F.S.R.
Organization of the work of the supply department. M. Kirilochkin. Mat. tekhn. snabzh. 2 no. 7-65-68 JI '67
- 621(575.1)—Uzbek S.S.R.
The plant and technological progress. Z. Nazirov. Ekon. i zhizn' no. 7-12-16 '67.
Uzbek Chemical Machinery Plant. N. M. Platonov, L. A. Skalyga, L. M. Smirnov, Khim. i nef. mashinostr. no. 11-43-45 N '67.
- 621.00 MACHINERY DETAILS
Effect of the load, the sliding speed, and the moisture of flax yarn on the wear resistance of the materials of the lead-guiding parts. V. M. Balysh, M. I. Khudiykh. Izv. vyz. ucheb. zav. i tekhn. tekhn. prom. no. 5-138-141 '65
Kivlia, A., and J. Osis. [Calculating norms for uncompleted production on the basis of optimal dimensions of a parts batch, machinery manufacture and instrument making]. Raschet normativov nezavershenogo proizvodstva na baze optimal'nykh razmerov partii detalей, mashinostroyeniye i priborostroyeniye. Riga, 1966. 10 p. (Listok tekhnicheskoi informatsii)
Sokolov, N. L. [Extrusion of steel parts]. Goriachala shlapovka vydvizhivaniem stal'nykh detalей. Moskva, Mashinostroyeniye, 1967. 189 p.
- 621.00(476)—White Russian S.S.R.
Production development at the Minsk Plant for Automatic Lines. A. V. Kudanov, Mekh. i avtom. proizv. 21 no. 11-36-41 '67.
- 621.001 GENERAL CHARACTERISTICS
[Principles of machinery manufacture; atlas of designs]. Osnovy konstruirovaniya mashin, atlas konstruktiv. Pod red. D. N. Reshetova. Moskva, Mashinostroyeniye, 1967. 251 p.
- 621.002 FIXED AND MOVING PARTS
Effect of the rate of sliding on the value of the dry friction ratio. L. S. Murashkin. Trudy LPI no. 284-5-12 '67.
Forging turbine blade blanks with minimal tolerances. I. A. Mitlakovskii, K. N. Bogdanovskii. Trudy LPI no. 287-10-115 '67.
Increasing the strength of disks for turbo pump units made of the EI437BU alloy by the method of hardening heat treatment. A. P. Atroschenko and others. Trudy LPI no. 287-83-91 '67.
Plastic coated metal cylinders. N. M. Chesnokov, N. S. Likhonin, I. D. Kugushev. Trudy LPI no. 284-16-52 '67.
- 621.003 FORM AND SHAPE OF PRODUCTS
Continuous oxidizing of coiled copper foil on equipment designed by the Scientific Research Institute for Metallurgy. S. A. Fedotova, Z. M. Fedotova. Teor. i prakt. met. no. 8-226-232 '66.
Effect of heating temperature and plastic deformation on the structure of the transition zone in a steel-titanium bimetal. V. I. Stal'nyi, A. A. Alekseyev. Trudy LPI no. 287-10-22 '67.
Effect of plastic deformation by bending and extension with subsequent annealing on specific losses of cold-rolled transformer steel. R. B. Geismann, V. I. Kochinov. Teor. i prakt. met. no. 8-174-176 '66.
Influence of aluminum and nitrogen on the properties of cold-rolled transformer steel. V. I. Kochinov and others. Teor. i prakt. met. no. 8-177-184 '66.
Investigating the specific electric resistance of telegraph wire rods. D. D. Nemkina and others. Stal' 27 no. 11: 1038-1040 N '67.
- 621.005 OPERATION CONTROL AND REGULATION
Investigating and determining the magnitude of errors produced by apron conveyors in continuous weighing of load. L. M. Alotin, V. K. Donis. Nauch. trudy KNIUI no. 17-10-17 '65.
Simplified method of calculating the period of movement of a piston in pneumatic machines with low piston-swept volume. I. M. Elimelekh, A. P. Kukushkin. Trudy LPI no. 284-53-57 '67.
- 621.007 SERVICING, MAINTENANCE, ASSEMBLY, PROTECTION AND SAFETY DEVICES
Levitski, I. S., and others. [Laboratory manual on machinery repair]. Praktikum po remontu mashin. Moskva, Kolos, 1967. 303 p. (Uchebniki i uchebnye posobie dlia vysshikh i spetsializirovannykh uchebnykh zavedenii)
[Reconditioning tractor and motor vehicle parts]. Vostanovlenie detalей traktorov i avtomobilei. Kishinev, 1966. 57 p.
- 621.008 MACHINERY, PLANT OR APPARATUS ACCORDING TO MOTIVE FORCE OR POWER
Consumption and ways to economize power resources. O. A. Eflev. Stek. i ker. 24 no. 4-36-38 Ap '67.
- 621.01 MECHANICAL ENGINEERING THEORY AND PRINCIPLES DESIGN AND CONSTRUCTION OF MACHINERY
Anur'ev, V. I. [Handbook for a designer in machinery manufacture]. Spravochnik konstruktora-mashinostroyitel'ia. Izd. 3, peier 1 dop. Moskva, Mashinostroyeniye, 1967. 680 p.
Golubovskii, G. M. [Ways of increasing the quality of production, from practices of a machine manufacturing plant]. Puti povysheniya kachestva produktsii, iz opyta raboty mashinostroyitel'nogo zavoda. Moskva, Mashinostroyeniye, 1967. 78 p.
[Mechanics of machinery; engineering mechanics of polymers]. Mekhanika mashin, inzhenernaia mekhanika polimerov. Tbilisi, Metsnereba, 1967. 137 p.
Nikitin, E. M. [Theoretical mechanics for technical schools]. Teoreticheskaya mekhanika dlia tekhnikumov. Izd. 6, stereotipnoe. Moskva, Nauka, 1967. 518 p.
Nikolaenko, N. A. [Probability method of the dynamic calculation in machine manufacture designs]. Veroyatnostnye metody dinamicheskogo rascheta mashinostroyitel'nykh konstruktiv. Moskva, Mashinostroyeniye, 1967. 387 p.
Young machine constructors. S. N. Lipchin. Shkola i proizv. 11 no. 10-17 O '67.
- 621.011 THEORY, PRINCIPLES AND PRACTICE OF AUTOMATIC, AUTOMATIC CONTROL
Advantages of regulating the speed of conveyors under conditions of Kalaganda Basin coal mines. L. M. Alotin, R. V. Merislov, E. G. Kraus. Nauch. trudy KNIUI no. 17-126-130 '65.
[Algorithms and programs for estimating limiting equipment, a methodological aid for technical and economic planning in a machinery manufacturing enterprise]. Algoritmy i programmy raschetov limitiruyushchego oborudovaniya, metodicheskoe posobie po tekhniko-ekonomicheskomu planirovaniyu na mashinostroyitel'nom predpriyatii. Novosibirsk, 1966. 131 p.
Analysis of a nonlinear control system with varying parameters for the preparation of solutions in viscous production. A. Z. Irshchenko, L. Z. Irshchenko. Avtomatyka 12 no. 6-60-74 N-D '67.
Analysis of the operation of control elements of automatic control systems on radio links. A. S. Kapusta. Trudy KIIIT no. 87-72-83 '66.
Analytic study of the optimal motion of a piecewise-linear system using the method of point-to-point information and undetermined Lagrange factors. A. S. Alekseyev, I. G. Mincuk. Izv. vyz. ucheb. zav. i radiofiz. 10 no. 11-1540-1550 '67.
Apparatus for automatic sorting of condenser mica according to thickness. K. N. Pogodaev, M. S. Metelk. Trudy Irkutsk. 15 no. 2-46-52 '67.
Asymptotic solution of an optimum control problem. N. Kh. Bagirova, A. B. Vasil'eva, M. I. Inanajiev. Dif. urav. 3 no. 11:1995-1992 N '67.
Automatic control for conveyors and feeders of mine stationary conveying lines. N. I. Rebrov. Nauch. trudy KNIUI no. 17-95-107 '65.
Automatic control of pumping stations. F. M. Nadzhafov and others. Za tekhn. prog. 7 no. 8-1-1 Ag '67.
Automatic control of the AND 6/12 v, 10,000/5,000 a for programmed chromium plating with a given thickness of chromium coating. G. A. Aslan-Zade. Za tekhn. prog. 7 no. 8-18-19 Ag '67.
Automatic control system for the density and unloading of slimes from SHRS-10 thickeners. I. M. Anosov and others. Ugol' 42 no. 8-70-72 Ag '67.
Automatic control of the movement of the driving roller. A. M. Chelyshch, P. P. Dobrovolskii. Izv. vyz. ucheb. zav. i tekhn. tekhn. prom. no. 5-124-128 '65.
Automatic line in the production of blocks. V. I. Minin and others. Stal', mat. 13 no. 10-12-13 O '67.
Automatic voltage control in a.e. track circuits. G. A. Glashchenkov. Trudy KIIIT no. 87-41-48 '66.
Automation and mechanization of repair work on flatcars. N. S. Strenko. Zhel. doi. transp. 49 no. 3:55-60 Mr '67.
Automation in manufacturing standard machine parts. P. P. Balkov. Mekh. i avtom. proizv. 12 no. 11:14-18 '67.
Automation of screw-press feeders of multipipe installations for continuous pulping. R. I. Peskovoi. Bum. prom. no. 12:14-16 D '65.
Automation of the enterprises of the chemical industry. I. U. M. Lushkov, V. L. Rovenkov. Khim. prom. 43 no. 11:73-76 N '67.
Basic technical and technological prerequisites for the automation of mine conveyors with adjustable speed. G. I. Solod, R. L. Papojan. Nauch. trudy KNIUI no. 17-120-126 '65.
Calculating the block on automatic control installations for tracking the flow of materials in mine conveyors. V. K. Donis. Nauch. trudy KNIUI no. 17-112-119 '65.
Centralized control with alternating step of inquest of controlled points. I. I. Irbeyev, O. D. Polychevisev. Avtomatyka 12 no. 6:61-67 N-D '67.
Coded memory. A. Kunnappu. Grazhd. av. 23 no. 10-23 O '66.
Connection between a circuit matrix and its topological structure. V. M. Timonilev, V. F. Lyustitsia, I. U. M. Kalnibolots'kiy. Avtomatyka 12 no. 6:9-13 N-D '67.
- Danilovich, G. A. [Linear sampled-data systems; summary of lectures of the course "Engineering cybernetics"]. Lineinye impul'snye sistemy, konspekt lektsii po razdelu kursa "Tekhnicheskaya kibernetika". Moskva, 1966. 60 p.
Designing of servo systems with consideration of gap. L. P. Smolnikov. Izv. vyz. ucheb. zav. i prib. 10 no. 9-35-39 '67.
Developing a kinetic mathematical model of platforming for the optimum calculation and control of the industrial process. I. U. M. Zhorov and others. Trudy MINKHGP no. 74-14-26 '67.
Developing the mathematical description of moving-bed catalytic cracking for the optimization of the process. G. M. Panchenkov and others. Trudy MINKHGP no. 74-14-26 '67.
Development of the mathematical description of fluid thermal cracking for the optimization of the process. I. U. M. Zhorov and others. Trudy MINKHGP no. 74-62-66 '67.
Dynamics of one-channel proportional and relay-proportional external systems with inertial objects. N. N. Leonov. Izv. vyz. ucheb. zav. i radiofiz. 10 no. 11-1489-1500 '67.
Dynamics of production control of gas condensate fields. P. I. Vodianik. Avtomatyka 12 no. 6:55-60 N-D '67.
Effect of the inertia of water in a turbine pipeline on the stability of operation of a hydroelectric power station with equalizing reservoirs. M. G. Aionovitch, N. I. Sokolova. Izv. vyz. ucheb. zav. i radiofiz. 10 no. 7:973-978 '67.
Egorov, K. V. [Fundamentals of the theory of automatic control]. Osnovy teorii avtomaticheskogo regulirovaniya. Izd. 2, peier 1 dop. Moskva, Energiya, 1967. 647 p.
Evaluation of the accuracy of discrete remote control signal transmission by statistical characteristics of short-term interruptions in telephone channels. I. O. Katkov, L. I. Ilusiatvskiy. Avtomatyka 12 no. 6:66-69 N-D '67.
Formation of optimum controls in linear two-channel interconnected systems. I. U. V. Aleksandrov. Izv. vyz. ucheb. zav. i av. tekhn. 10 no. 3-11-19 '67.
Increase in the reliability of control and measuring systems by automatic check. A. V. Chel'tsov. Izv. tekhn. no. 10-26-27 O '67.
Installation for automatic longitudinal welding of shells with a diameter of 450 - 2000 mm. P. M. Ostintsev. Shet. st. NIITIAZHMASHA Uralmashzavoda. no. 14-96-100 '67.
Invariance of combined pulse systems of program control. I. S. Zhytets'kiy. Avtomatyka 12 no. 6:83-85 N-D '67.
Investigating starting clutches with hydraulic decelerators. L. M. Alotin, M. P. Sin. Nauch. trudy KNIUI no. 17-78-83 '65.
Investigating the possibility of using electric conveyor weights as transducers of automatic control and regulation systems. V. K. Donis. Nauch. trudy KNIUI no. 17-107-112 '65.
Investigating the stability of mine fans and systems of their automatic control. A. A. Dzidzigit, T. L. Matikashvili. Fiz. i tekhn. prob. i izob. pol. iskop. no. 5-65-71 S-O '67.
[Journal of abstracts: Cybernetics]. Ref. zhur. Kib. no. 10 O '67.
Making use of the kinetic characteristics of iron ore raw materials in prognosticate the indices of blast furnace smelting with the use of an electronic computer. S. V. Shavrin and others. Trudy Inst. met. no. 13-69-76 '66.
Method for evaluating numerical parameters of designs. I. U. P. Zashchenko. Avtomatyka 12 no. 6:23-27 N-D '67.
Method for studying the motion of nonlinear systems using a series of previously excited linear control systems. V. P. Krupiyin, Zh. B. Ilinkovskiy. Avtomatyka 12 no. 6-60-62 N-D '67.
Multiphase magnetic recording. V. I. Babii. Avtomatyka 12 no. 6:75-78 N-D '67.
Optimization of the teaching process of a cognitive system. T. Herich, V. P. Medvedev. Avtomatyka 12 no. 6:11-22 N-D '67.
Problem dealing with game encounter of motions. A. I. Subbotin. Prikl. mat. i mekh. 31 no. 5:834-840 S-O '67.
Programming and stabilization of electric conditions in vacuum arc furnaces with a consumable electrode. B. K. Karavaashkin, I. A. Baev. Teor. i prakt. met. no. 8-208-213 '66.
Propagation of electromagnetic waves in worked-out mines in mines with no metallic guides present. A. P. Kur'menko, A. K. Stroikovskii. Nauch. trudy KNIUI no. 17-180-186 '65.
Schematic division of multivalued response in cryotron memory. I. D. Voitovych. Avtomatyka 12 no. 6:80-82 N-D '67.
Seminar "Teoriya avtomaticheskogo upravleniya." [Seminar "Theory of automatic control"; reports]. Seminar "Teoriya avtomaticheskogo upravleniya"; [doklady]. Kiev, Naukova dumka. No. 1. 1966. 140 p.
Seminar "Teoriya avtomatov." [Seminar "Theory of automata"; reports]. Seminar "Teoriya avtomatov"; [doklady]. Kiev. No. 1. 1967. 114 p.
Seminar "Upravlinushche mashiny i sistemy." [Seminar "Control machines and systems"; reports]. Seminar "Upravlinushche mashiny i sistemy"; [doklady]. Kiev. Nos. 1-2. 1966. 2 v.

621.011 (Continued)

Some problems affecting the dynamics of one-channel extremum systems of the self-oscillating type. N. N. Leonov. *Izv. vuz. ucheb. zav. radiofiz.* 10 no. 7:897-911 '67.

Stability in the large of steady-state conditions of hydroelectric power stations having an equalizing reservoir at a constant turbine torque. E. A. Shcherbakov. *Izv. vuz. ucheb. zav. radiofiz.* 10 no. 7:931-937 '67.

Standardization of dimensional-control pneumatic devices as an urgent task. A. V. Vysotskiy, A. P. Kurochkin, F. V. Tsidulko. *Izvestiya Akad. Nauk SSSR Tekhn. Sci. Ser. Eng.* 10 no. 30-31 '67.

Status and future prospects of the automation of petroleum production. V. A. Maletskiy, O. P. Shishkin. *Nefteprom delo* no. 11 41-44 '67.

Street traffic control performed by an automaton at a crossroad with the machine servicing following an exponential law. M. A. Fedotkin. *Izv. vuz. ucheb. zav. radiofiz.* 10 no. 7:922-925 '67.

Structural synthesis of systems controlling the movement of a body in space. A. A. Pymchenko. *Avtomatika* 12 no. 6:93-95 N-D '67.

Structure of a graph for a linear autonomous network. M. D. Breido. *Izv. vuz. ucheb. zav. radiofiz.* 10 no. 7:1022-1028 '67.

Study of a class of nonlinear filters. A. I. Isakulov. *Avtomatika* 12 no. 6:49-54 N-D '67.

Systems for the cognition of moving bodies. O. H. Ivakhnenko and others. *Avtomatika* 12 no. 6:28-48 N-D '67.

Theory of a controlled electrodynamic current stabilizer. V. I. Gorunov, E. N. Serebriakova, V. I. Korolev. *Izv. vuz. ucheb. zav. radiofiz.* 10 no. 7:1007-1014 '67.

Two-position stand for automatic girth and longitudinal seam welding. S. L. Farfel, Shor. at. NIITAZHIMASHA. *Uralmashzavod* no. 14:85-95 '67.

Using improved KRSTP-3 regulators in glass fiber plants. N. N. Drozdov and others. *Stek. i ker.* 24 no. 4:33-35 Ap '67.

Using mathematical description of platforming for its optimum calculation and control. I. M. Zhorov and others. *Trudy MINKhGP* no. 74-49-43 '67.

621.011(574)—Kazakh S.S.R.

The departmental interests are still strong. V. Porozov. *Nar. khoz. Kazakh.* 25 no. 12:46-50 D '67.

621.03 PHYSICAL ENGINEERING AND TECHNOLOGICAL PRINCIPLES

Effect of ultrasound on heterogeneous catalytic gas reactions. I. M. Zhorov, E. K. Politschenko, G. M. Panchenkov. *Trudy MINKhGP* no. 69:169-171 '67.

621.039 NUCLEAR TECHNOLOGY NUCLEAR AND ATOMIC ENERGY

The Atomic Energy Pavilion at the Exhibition of Accomplishments of the National Economy of the U.S.S.R. in 1967. S. Perepletchikov. *Atom. energ.* 23 no. 5:485-487 N '67.

Atomic science and technology on the eve of the 50th anniversary of the Great October Socialist Revolution. A. M. Petrosyan. *Atom. energ.* 23 no. 5:379-395 N '67.

Cooperation between the U.S.S.R. and the Czech S.S.R. in the construction of a nuclear power plant. E. Korshakov. *Atom. energ.* 23 no. 5:479-481 N '67.

Design of a superhigh-energy (1000 GeV.) proton-synchrotron. A. I. Minte, A. A. Vasiliev, E. L. Burshstein. *Atom. energ.* 23 no. 5:432-438 N '67.

Erection of an atomic power plant with a BN-350 reactor. A. I. Leipunskii and others. *Atom. energ.* 23 no. 5:406-416 N '67.

A linear electron accelerator for medical purposes. V. M. Levin and others. *Atom. energ.* 23 no. 5:467-468 N '67.

Neutron generator with high intensity of the neutron stream. V. M. Romanenko, S. P. Sytko, V. I. Strizhak. *Ukr. fiz. zhur.* 12 no. 9:1569-1572 S '67.

[Nuclear reactors] Ref. zhur. Tad. reak. no. 11 N '67.

Research center for atomic reactors. N. A. Nikolaev, O. D. Kazachkovskii, E. P. Ostroikovskii. *Atom. energ.* 23 no. 5:439-445 N '67.

The 70 GeV. proton-synchrotron. *Atom. energ.* 23 no. 5:461-463 N '67.

A 6 GeV. electron synchrotron. G. Kuz'micheva. *Atom. energ.* 23 no. 5:463-465 N '67.

Studies of fast-neutron reactors. A. I. Leipunskii. *Atom. energ.* 23 no. 5:396-402 N '67.

The 10 MeV. linear electron accelerator Y-27. O. A. Val'dner, E. G. Platinov, V. D. Seleznev. *Atom. energ.* 23 no. 5:465-467 N '67.

Work of the Union Scientific Research Institute of Instrument Manufacture. N. A. Shekhovtsov, V. V. Matveev, I. S. Dneprovskii. *Atom. energ.* 23 no. 5:446-450 N '67.

621.039(479.22)—Georgian S.S.R.

Express method for the determination of the argon age of young geological formations. A. L. Khutsaidze. *Izv. Geol. obshch. na Gruz.* 5 no. 2:63-65 '67.

621.039(53)—Arabia

The Cairo atomic energy center and the scientific and technological cooperation between the Soviet Union and the United Arab Republic. B. I. Golovanov. *Atom. energ.* 23 no. 5:481-486 N '67.

621.08 PRIME MOVERS GENERALLY

Approximate reproduction of operational mechanical effects on the insulation of electrical machines at the point of entrance of a rod from a slot. V. B. Kulakovskii. *Trudy VNIIE* no. 28:146-166 '67.

621.1 STEAM POWER ENGINES BOILERS

Addition of ammonia for prevention of corrosion at low temperatures. L. A. Gvozdet'skii and others. *Elek sta.* 37 no. 6:17-22 Je '66.

Adjustment of TP-92 boiler after gas firing. M. G. Stashkov and others. *Elek sta.* 37 no. 6:77-80 Je '66.

Analysis of the reliability of racing prevention systems in steam turbines. V. V. Malev. *Energomashinostroyeniye* 13 no. 11:27-29 N '67.

[Automation of heating boiler systems] Avtomatizatsiya opitel'nykh kotel'nykh; sbornik statei Leningrad, Gosoptekhlizdat. No 2 1963 183 p.

Boiler unit with split gas ducts. I. N. Golt'denfarb and others. *Elek sta.* 37 no. 6:11-17 Je '66.

Calculating the optimal cross sections of pipes with external fins. V. S. Koriagin. *Energomashinostroyeniye* 13 no. 9:39-40 S '67.

Control of the flexure of the axis of internal central openings of the rotors of steam turbines. V. S. Livahtsa, G. A. Mendale. *Energomashinostroyeniye* 13 no. 9:35-36 S '67.

Design features of the high-capacity once-through boilers manufactured by the Taganrog Boiler Factory. V. S. Palychenko and others. *Energomashinostroyeniye* 13 no. 11:10-17 N '67.

Determination of power indices of steam and gas systems. B. V. Saranov, A. A. Misyok. *Elek sta.* 37 no. 20-25 Je '66.

Development of boiler and furnace systems in the Barnaul Boiler Factory. V. D. Zorichev, N. V. Pavlov. *Energomashinostroyeniye* 13 no. 10:11-14 O '67.

Effect of insulation on the efficiency of a turbine stage. I. I. Kirillov, R. M. Iablonik. *Energomashinostroyeniye* 13 no. 11:30-32 N '67.

Efficiency of low-pressure cylinders of various turbines according to test data. V. S. Elizarov, N. A. Sorokin. *Energomashinostroyeniye* 13 no. 11:38-40 N '67.

Fiftieth anniversary of Soviet power generating machinery industry. P. O. Sityi. *Energomashinostroyeniye* 13 no. 10:1-5 O '67.

First Russian steam-gas system with discharge of gases into a boiler. D. Y. Litvinov, V. P. Beslopov, R. G. Hudagian. *Energomashinostroyeniye* 13 no. 10:34-36 O '67.

Flow of liquid through the annular clearance between a sleeve and rotating shaft, with heat exchange. N. A. Lebedev, V. V. Konsetov. *Khim. i nef. mashinost.* no. 10:27-30 O '65.

Graphic calculation of recirculation chemical reactors. V. G. Gorskii. *Khim. i tekhn. topl. i masel* 12 no. 12:34-39 D '67.

History of developments in heat engineering in the merchant marine. V. Lysenko. *Mor. flot* 27 no. 11:3-4 N '67.

Increasing the reliability of tightening devices of TGV-200 turbogenerators. I. A. Kufman, V. P. Gunin. *Elek sta.* 37 no. 6:33-43 Je '66.

Large turbines for atomic power plant in the U.S.A. S. L. Zil'bershtein. *Energomashinostroyeniye* 13 no. 9:46-48 S '67.

Manufacture of steam turbines in the 22d Congress of the CPSU Metallurgical Plant in Leningrad. A. V. Levin, P. S. Chernyshev. *Energomashinostroyeniye* 13 no. 11:1-9 N '67.

A method for determining the cost of high-capacity boilers in the design stage. S. S. Nazarenko, N. V. Papina. *Energomashinostroyeniye* 13 no. 11:54-55 N '67.

Methods for calculating coefficients of energy value of heat taken from steam turbines in a steam-gas turbine system. A. E. Gr'itman, A. M. Mikhel'man. *Energomashinostroyeniye* 13 no. 11:32-35 N '67.

Operation of the automatic control system of the VK-50-3 (K-50-90) turbine in a peak-power electric power plant. G. I. Khutsikii and others. *Energomashinostroyeniye* 13 no. 11:52-53 N '67.

Prospect for automatic optimization of the operation of a boiler system. G. I. Khutsikii. *Energomashinostroyeniye* 13 no. 9:24-26 S '67.

Resistance of the control stage chamber of a turbine. I. I. Kirillov and others. *Energomashinostroyeniye* 13 no. 9:36-37 S '67.

Servicing the electrification of the land of the soviet. P. S. Chernyshev. *Energomashinostroyeniye* 13 no. 10:6-11 O '67.

Starting conditions of the K-200-130-1 turbine after a 30-34 hour shutdown period. I. T. Despal'y, V. I. Khakhin. *Energomashinostroyeniye* 13 no. 11:25-27 N '67.

Study of ignition and combustion processes of a pulverized coal torch under industrial conditions. S. L. Shaglova, I. N. Shaitser. *Energomashinostroyeniye* 13 no. 9:4-7 S '67.

Technical and economic optimization of parameters of a steam and gas unit operating in a steam and gas mixture. L. S. Popov, V. I. Trushchev, A. I. Shvartsberg. *Izv. AN SSSR, Energ. i transp.* no. 6:21-30 N-D '67.

Temperature conditions of tannin packing. A. I. Bychkovskii. *Elek sta.* 37 no. 6:22-28 Je '66.

Testing a model regenerative air heater on a hot stand. V. S. Nazarenko, I. A. Botkacik, L. A. Kostrov. *Energomashinostroyeniye* 13 no. 9:1-4 S '67.

Three-step choke devices for heating and drawing 220 steamships of 300 Mw. blocks. P. I. Starostin, I. G. Gorbunov. *Energomashinostroyeniye* 13 no. 10:31-33 O '67.

Tightening of tube plates of steam turbine condensers. L. D. Borman and others. *Elek sta.* 37 no. 6:35-3. Je '66.

Veller, V. N. [Automatic control of steam turbines] Avtomaticheskoe regulirovaniye parovykh turbin. Moskva, Energiya, 1967 415 p.

Zakharenko, S. E., I. S. Zakharenko, and M. A. Piskel'kov. [Handbook on the construction of heating network Spravochnik stroitel'sta teplovyykh setei. Pod obshch. red. S. E. Zakharenko Moskva, Energiya, 1967, 372

621.1(471.61)—Rostov Province

Simplifying the verification of the exchange of tools. A. Semernikov. *Bukh. uchot* 26 no. 8:53-54 Ag '67.

621.22 WATER POWER UTILIZATION OF HYDRAULIC ENERGY

Bessmertnyi, K. S., and V. A. Britarev. [Hydraulic generator in an open-pit mine] Gidromontazhnik na kar'ere. Moskva, Nedra, 1967 191 p.

Cavitation in hydraulic turbines. N. I. Pilyaev. *Energ. mashinostroyeniye* 13 no. 9:31 S '67.

Characteristic vibrations of the blades of axial flow adjustable blade hydraulic turbines. B. I. A. Kuntsev. G. P. Usatenko. *Energomashinostroyeniye* 13 no. 9:23-2 S '67.

Experimental study of flow about the blades of a Pch type turbine. I. U. I. Del'. *Energomashinostroyeniye* 13 no. 11:21-24 N '67.

Goncharov, A. N. [Hydraulic power equipment of hydroelectric power stations and its installation] Gidroe-energeticheskoe oborudovanie gidroelektrostanits i ego montazh. Moskva, Energiya, 1967, 311 p.

Hydraulic washout of ore fines in worked-out blocks is a very effective measure for reducing ore losses. M. D. Onishchenko. Shor. VNIIMI no. 62:97-99 '66.

Manufacture of hydraulic turbines in the S. M. Kirov Turb. Factory in Kharkov. N. N. Robuk. *Energomashinostroyeniye* 13 no. 10:27-29 O '67.

New steels and their use in large hydraulic turbines. I. R. Kilinin. *Energomashinostroyeniye* 11 no. 9:32-35 S '67.

Problems of hydraulic turbine manufacture. G. S. Shteg'lev. *Energomashinostroyeniye* 13 no. 10:19-21 O '67.

Selecting pressure stages for hydrostatic pressing mills. V. B. Gordin and others. *Trudy LPI* no. 287:102-103 '67.

621.22(574)—Kazakh S.S.R.

Methods in the planning of water intake for the mines of the Dzhezkazgan region. T. T. Makhmutov, S. Zh. Zhaparkhanov, I. A. Barkalov. *Vest. AN Kazakh. SSR* 23 no. 7:36-44 Ji '67.

621.22(575.3)—Tajik S.S.R.

Water power resources of the Tajik S.S.R. V. A. Starikov, D. R. Mamadzhonov. *Dokl. AN Tadzh. SSR* 10 no. 0:65-68 '67.

621.3 ELECTRICAL ENGINEERING

Analyzer of tension levels for isodischarge. V. A. Volkov, I. U. A. Gugin. *Med. tekhn.* 1 no. 6:23-27 N-D '67.

Automatic multiple switching-on of the feeder to haulage substations. E. V. Koshef'skii, V. I. Gungor. *Gor. zhur.* 142 no. 5:51-52 My '67.

Automatic voltage control in a. c. track circuits. G. A. Glashchenkov. *Trudy KHIT* no. 87:41-48 '66.

Calculation and analysis of normally closed track circuits of hump yards. N. F. Kotliarenko, V. V. Sudakov. *Trudy KHIT* no. 87:4-13 '66.

Change of the surface conductivity and volt-potential in the adsorption of acceptor and donor gases on polyethylene film modified by radiation-thermal treatment. V. B. Margulis, L. I. Boguslavskii. *Elektrokhimiya* 3 no. 10:1256-1258 O '67.

Conference of the quality of power generating equipment manufactured by the Leningrad Metallurgical Plant. M. I. Galperin, I. A. F. Filerman. *Energomashinostroyeniye* 13 no. 9:42-43 S '67.

Conference recommendations are being realized. A. Knoppe, R. Bekerman. *Sots. trud* 13 no. 12:67-72 D '67.

Current and time characteristics for protection of mine traction networks from current short-circuits and leakage presenting fire hazards. I. T. Sidorenko. *Gor. elektromekh. i avtom.* no. 8:19-27 '67.

Danger of a premature explosion of electric detonators caused by vagrant currents in open-pit mines located in the vicinity of electrified railroads. F. I. Kucheravskiy, A. V. Ilin, L. I. Mochar. *Gor. elektromekh. i avtom.* no. 8:42-47 '67.

Designing of electronic medical apparatus with power supply from 60 mc. frequency network. V. I. Komarova. *Med. tekhn.* 1 no. 6:53-57 N-D '67.

Determination of optimal parameters of normally open track circuits of hump yards. V. A. Leashchinskii. *Trudy KHIT* no. 87:14-23 '66.

Determination of the longevity of equipment. P. P. Polishko. *Izv. vuz. ucheb. zav. i prib.* 10 no. 9:131-135 '67.

621.3 (Continued)

- Development of microwave ferrites. A. L. Mikaev, A. K. Stolarov. Radiotekh. i elektron. 12 no. 11 2006-2022 N '67.
- [Electrical engineering and electric power] Ref. zhur.: Elektrotekh. i energ. no. 11 N '67.
- Experimental study of nonstationary conditions of electron beam heating. I. A. Kurapov, B. A. Movchan. Fiz. i obr. mat. no. 4 76-80 N-Ag '67.
- Fifth conference of the American Institute of Electrical and Electronic Engineers held in Pittsburgh in May 1967. V. A. Venkov. Izv. AN SSSR, Energ. i transp. no. 6 151-159 N-D '67.
- High-voltage photoelectromotive force in Sb_2S_3 layers on (100) NaCl. G. K. Zyryanov, Erg. Kis. Vest. LGU 23 no. 22:88-92 N '67.
- Introducing electronic and ionic technology in agricultural production. F. Izakov, V. Shmigol. Tekh. v sel'khoz. 27 no. 11 62-64 '67.
- Investigating the specific electric resistance of telegraph wire rods. E. D. Nemkina and others. Stal' 27 no. 11: 1638-1040 N '67.
- Koonov, A. P., and others. [Laboratory manual on theoretical fundamentals of electrical engineering] Rukovodstvo k laboratorii po teoreticheskim osnovam elektrotehniki. Tomsk, Izd-vo Tomskogo univ., 1967. 131 p.
- Measuring equipment for complex frequency protection in mine transportation. V. A. Bun'ko, V. L. Kozhevnikov, N. M. Tsvetkov. Gor. elektromekh. i avtom. no. 8 95-101 '67.
- Method for determining the type of a computer in the development of an automatic control system. M. P. Tul'. Uch. zap. Uzb. gos. ped. inst. 20 no. 4 121-129 '66.
- Methodology of evaluating the properties of collimator characterizing the possibility of detecting foci of abnormal accumulation of radioactivity. K. D. Kalantarov, E. I. U. Tikhonov. Med. tekhn. 1 no. 6 18-23 N-D '67.
- Methods for damping parametric resonance caused by the movement of a lifting container in a mine shaft. I. U. G. Ispolov. Mashinostroyeniye no. 6 51-57 N-D '67.
- Modern light control devices. S. M. Dmitrieva, I. N. Oskolkov, N. A. Tikhmeneva. Tekh. kino i telev. 11 no. 11 38-45 N '67.
- Nature of the electrical resistance of reinforced concrete ties. V. P. Zhokh. Trudy KHIT no. 87 24-36 '66.
- New method for measuring the primary parameters of d.c. track circuits. I. U. Sobolev. Trudy KHIT no. 87:36-40 '66.
- Nonlinear properties of a superconducting lead film at superhigh frequencies. S. A. Peskovskiy, I. I. Erut, O. I. Barilovich. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 7:759-762 O '67.
- Optimal transient processes in transistor voltage regulators. I. U. V. Safroskin. Elektrosv'яз' 21 no. 12 49-58 D '67.
- Preparation and study of certain properties of polymers based on polytrivinylbenzene. G. A. Chikhadzin and others. Arm. khim. zhur. 20 no. 6 606-612 '67.
- Protection of mine electric networks from short-circuit currents. I. S. Petushkov. Gor. elektromekh. i avtom. no. 8 76-83 '67.
- Reliability of equipment with operational state control apparatus. L. G. Tkachenko. Elektrosv'яз' 21 no. 12: 11-19 D '67.
- Results of the studies of a.c. code track circuits using electronic computers. V. M. Lavrent'ev. Trudy KHIT no. 87 49-59 '66.
- Stability of the parallel function of asynchronous frequency converters in enterprises manufacturing synthetic fibers. P. A. Sviridenko, M. I. Sapronov. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no. 5 117-124 '67.
- Strengthening fan blades by hard facing with high-frequency currents. V. N. Tkachev, D. A. Aldyrov, D. N. Pollakov. Svar. proizv. no. 6 33-34 Je '67.
- Studying the thermal breakdown of germanium allowing for the temperature dependence of the width of forbidden band. I. M. Senderikhin. Izv. vys. ucheb. zav.; fiz. 10 no. 9 144-146 '67.
- Theory of the reverse branch of the statistical characteristics of a germanium diode in the prebreakdown region. I. M. Senderikhin. Izv. vys. ucheb. zav.; fiz. 10 no. 9: 121-123 '67.
- Thyristor excited drive with executing motor with series excitation. V. P. Klimov. Izv. vys. ucheb. zav.; prib. 10 no. 9:50-54 '67.
- Transmission of a.c. energy with increased frequency in open lines. V. A. Venkov, G. V. Chaly, V. M. Postolayev. Izv. AN SSSR, Energ. i transp. no. 6 146-149 N-D '67.
- Using phase-sensitive circuits for protection of mine low-voltage cable networks from metallic and arc short circuits. I. U. A. Kochkarev. Gor. elektromekh. i avtom. no. 8 28-36 '67.
- Voller, V. N. [Automatic control of steam turbines] Avtomaticheskoe regulirovaniye parovykh turbin. Moskva, Energiya, 1967. 415 p.
- 621.3 (431)—German Democratic Republic
- Electrical engineering, electronics, and automation from the German Democratic Republic. Mekh. i avtom. proizv. 21 no. 11:57-59 '67.
- 621.3 (471.332)—Smolensk Province
- The Kakhovka bridgehead. P. M. Kurochkin. Sov. voia 48 no. 18 8 S '66.
- 621.3 (477)—Ukrainian S. S. R.
- The material incentive section of the scientific and technical council of a branch. Kh. Kacher. Sots. trud 12 no. 10 71-74 O '67.
- Regular production flow and the sale of products. S. Leon'evskiy. Sots. trud 12 no. 10 59-60 O '67.
- 621.3 (571.53)—Irkutsk Province
- Regional characteristics of the electrification of agriculture in Irkutsk Province. B. M. Ishmuratov. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 13:63-69 '66.
- 621.3 (575.1)—Uzbek S. S. R.
- Up to the level of the world standards. I. Sokolov. Lkon i zhuzn' 8 no. 12:17-19 D '66.
- With Tashkent electricians. Sh. Fattakhov. Tekh. v sel'khoz. 27 no. 11 61-62 '67.
- 621.30 GENERAL
- Fiftieth anniversary of the Soviet electric equipment industry. Elektrotehnika 38 no. 11:1-5 N '67.
- Mathematical simulation of transient processes of a synchronous salient-pole machine taking into account nonlinear properties of the elements of its magnetic system. A. V. Ivanov-Smolenskii, V. A. Kuznetsov. Izv. AN SSSR, Energ. i transp. no. 6:98-103 N-D '67.
- 621.31 POWER SUPPLY, DISTRIBUTION AND CONTROL
- Achievements in the field of static converters in the U.S.S.R. I. I. Dobromyslov, L. L. Mizukovskiy. Elektrotehnika 38 no. 11 22-25 N '67.
- Analysis of experimental current curves of current and voltage of a welding generator with commutated frequency. E. K. Popov, P. I. Ostankov, I. F. Milaikin. Trudy Ural' politekhn. inst. no. 57 141-146 '67.
- Angular characteristics of a synchronous salient-pole machine taking into account saturation along two axes. I. E. Rodionov, N. S. Suvorov. Trudy Ural' politekhn. inst. no. 157:29-38 '67.
- Application of semiconductor detectors with an electron-hole transition in nuclear instrument manufacturing. V. V. Matveev, I. U. P. Sel'diakov, A. D. Sokolov. Izv. tekhn. no. 10 61-63 O '67.
- Automatic multiple switching-on of the feeder to haulage substations. E. V. Koshechskiy, V. I. Gungor. Gor. zhur. 142 no. 5:51-52 My '67.
- Brushless unipolar machine with two plasma contacts. I. S. Rogachev, L. I. Ivanovskiy. Izv. AN SSSR, Energ. i transp. no. 6:104-106 N-D '67.
- Calculation of a transient process of a three-phase rectifier during sudden action of the c.m.f. of an alternating current in the active load shunted by resistances. V. N. Breev, V. I. Denisenko. Trudy Ural' politekhn. inst. no. 157:69-88 '67.
- Calculation of the parameters of three-phase induction heating of tanks of large transformers. N. B. Leonidova. Trudy VNIIE no. 28:36-55 '67.
- Comparison of methods for the determination of saturated parameters of synchronous salient-pole machines. I. E. Rodionov. Trudy Ural' politekhn. inst. no. 157:30-45 '67.
- Control of the drying process of the active portion of transformers. B. A. Alekseev. Trudy VNIIE no. 28 87-107 '67.
- Derivation of the frequency characteristics of synchronous machines using physical models. F. N. Sarapulov, N. S. Suvorov. Trudy Ural' politekhn. inst. no. 157:5-11 '67.
- Design of a series inverter. G. V. Ivenaki, S. A. Buranov. Elektrotehnika 38 no. 11:59-63 N '67.
- Determination of permissible temperature conditions for a 220 kv transformer bank using test results. Trudy VNIIE no. 28:29-35 '67.
- Determination of permissible temperature of the oil of a transformer with decreased channels between sections and increased insulation. N. P. Fufurin. Trudy VNIIE no. 28:24-29 '67.
- Determination of the main dimensions of low-inertia d.c. motors with smooth armatures. I. A. S. Gurin, A. A. Khavin. Elektrotehnika 38 no. 11:56-59 N '67.
- Determining the reserve of stability of an electric power transmission line taking into account random fluctuation of system load. Izv. AN SSSR, Energ. i transp. no. 6:50-55 N-D '67.
- Development of electric insulating materials industry in the U.S.S.R. I. U. V. Koritskiy, I. V. Kallivianskiy, A. M. Khaikin. Elektrotehnika 38 no. 11:36-39 N '67.
- Device with a vibrational magnetometer for determination of static characteristics of ferromaterials. A. M. Lavrukhin. Izv. tekhn. no. 10 53-57 O '67.
- Dielectric losses and conductivity mechanism in low-molecular organic semiconductors. I. U. A. Vidadi, L. D. Rozenshteyn. Elektrokhimia 3 no. 10:1241-1244 O '67.
- Distribution of additional losses and the heating of the rotors of a three-phase synchronous generator operating into a single-phase load. V. M. Petrov. Trudy Ural' politekhn. inst. no. 157:46-53 '67.
- Effect of a method for reactive power compensation on the critical voltage of a complex load. Stefan Iliev. Izv. AN SSSR, Energ. i transp. no. 6:78-81 N-D '67.
- Electrical drives in a metallurgical plant. N. A. Tishchenko. Elektrotehnika 38 no. 11:18-22 N '67.
- Electromagnetic moment of an induction motor with a solid spherical rotor. Izv. AN SSSR, Energ. i transp. no. 6:86-93 N-D '67.
- Equipment for decreasing stresses in welding generators. G. P. Ivanov, E. D. Roman. Avtom. svar. 20 no. 11 77-78 N '67.
- Experience in using mine semiconductor battery chargers. V. D. Fursov and others. Ugol' Ukr. 11 no. 7 16-19 Ji '67.
- Experimental study of a synchronous generator in a correctorless regulated excitation system. R. M. Milokhina. Trudy Ural' politekhn. inst. no. 157:118-125 '67.
- Experimental study of the distribution of temperatures in asynchronous electric motors of AO-series and 10th and 11th size order. I. A. B. Tshis. Trudy Ural' politekhn. inst. no. 157:147-152 '67.
- Fiftieth anniversary of the Soviet electric transformer industry, results and future outlook. I. A. Man'kin, I. S. Nafashkov. Elektrotehnika 38 no. 11 26-29 N '67.
- Fundamental solution in the calculation of the magnetic fields of the parts of electrical machines using electronic digital computers. K. S. Demichian. Izv. AN SSSR, Energ. i transp. no. 6:82-85 N-D '67.
- Generalized indices of electric operating modes of generators and their applications. L. M. Zisman. Izv. AN SSSR, Energ. i transp. no. 6:65-77 N-D '67.
- High-voltage equipment manufacture in the Soviet Union. A. M. Bronshteyn, V. V. Shmatovich. Elektrotehnika 38 no. 11 32-36 N '67.
- Hydroelectric generators. V. V. Dombrovskiy and others. Elektrotehnika 38 no. 11 12-18 N '67.
- [International electrotechnical vocabulary] Mezhdunarodnyi elektrotehnicheskii slovar'. Moskva, Sov. Entsiklopediya.
- Group 25. [Production, transmission, and distribution of electrical energy] Proizvodstvo, peredacha i raspredeleniye elektricheskoy energii. 1967 161 p.
- International relations of the Soviet electric equipment industry. V. S. Borushko, N. V. Borokh. Elektrotehnika 38 no. 11 6-9 N '67.
- Karpov, V. I. [Transistorized compensating voltage regulators] Poluprovodnikovyye kompensatsionnyye stabilizatory napriazheniya i toka. Izd. 2, perer. i dop. Moskva, Energiya, 1967. 175 p. (Biblioteka po avtomatike, no. 257)
- Khromchenko, G. E., M. E. Brodskiy, and L. E. Trost. [Electricians engaged in cable network construction, practical manual for the improvement of qualification] Elektromontyor po montazhu kabel'nykh setei; prakticheskoe posobie po povysheniyu masterstva. Moskva, Stroizdat, 1967. 219 p. (Seriya posobie po povysheniyu masterstva rabochikh-stroitelei)
- Large a.c. motors. I. M. Radin, V. E. Matukov, G. S. Vasil'ev. Elektrotehnika 38 no. 11 30-31 N '67.
- Magnetocontact transducer for multifrequency electromagnetic control. V. G. Pustynnikov, A. N. Plakhotnikov. Izv. tekhn. no. 10 51-53 O '67.
- Measuring the coefficient of parasitic amplitude modulation of a frequency-modulated signal. P. A. Shpan'ion, V. A. Belikov, A. S. Soliman. Izv. tekhn. no. 10 57-60 O '67.
- Measuring the impedance of passive electrodes during their polarization from a potentiostat. V. I. Ovecharenko, V. M. Novikovskiy. Zashch. met. 3 no. 6 737-739 N-D '67.
- Methodology for physical modeling of synchronous machines. F. N. Sarapulov, D. M. Karyshev. Trudy Ural' politekhn. inst. no. 157:12-15 '67.
- Moisture accumulation in transformer insulation and its effect on the equivalent circuit. B. A. Alekseev, N. N. Lukin. Trudy VNIIE no. 28 56-86 '67.
- Motion of the charge carriers in polymeric substances with semiconducting properties. A. V. Vannikov, V. I. Zolotarevskiy, D. I. Nariadchikov. Elektrokhimia 3 no. 11 1379-1384 N '67.
- New foreign electronic measuring devices. Izv. tekhn. no. 10 80-81 O '67.
- New measuring devices at Hungarian exhibitions in Moscow. Izv. tekhn. no. 10:81-83 O '67.
- New slow-running synchronous micromotors with uniform speed of rotation. E. A. Lodechikov, V. T. Kafanali, A. S. Kurakin. Elektrotehnika 38 no. 11: 54-56 N '67.
- Operational reliability of the commutation discharges in higher-voltage networks. I. U. M. Gusev and others. Izv. AN SSSR, Energ. i transp. no. 6:37-45 N-D '67.
- Optimization of the operation of thermal electric power plants using the gradient method. L. A. Krumm, A. A. Pungas, L. A. Trushcheleva. Izv. AN SSSR, Energ. i transp. no. 6:9-20 N-D '67.
- Permissible operating conditions of transformers with forced cooling during disturbance of the cooling conditions. N. P. Fufurin. Trudy VNIIE no. 28 5-23 '67.
- Possibility of obtaining controllable resistors on the base of oxide semiconductors. I. U. D. Koblaev, V. N. Solomko. Izv. vys. ucheb. zav.; fiz. 10 no. 9:19-24 '67.
- Poverenny, E. L. [Reinforced-concrete struts and supports for overhead lines and wire broadcasting networks] Zhelezobetonnyye pristavki i opory vozdukhnykh liniy svyazi i radiofiziki. [Moskva] Svyaz', 1967. 84 p. (Biblioteka sel'skogo svyazista)
- Power losses during generator braking of asynchronous motors. B. A. Kuznetsov. Trudy Ural' politekhn. inst. no. 157:163-160 '67.
- Principal equations of tandem inductor-type generator. A. V. Petukhov. Trudy Ural' politekhn. inst. no. 157: 161-170 '67.

- Principles of computing payments for the production funds of power generating enterprises. A. IA Avukh, *Elek. sta.* 37 no. 6-9-11 Je '66
- Problems of methodology for calculating the transients of a c. machines by means of frequency method for determining parameters using electronic digital computers. I. U. A. Nikonnikov, N. S. Suvov. *Trudy Ural' politekhn. inst.* no. 157 16-20 '67
- Processes in a three-phase bridge circuit operating into an inductive load shunted by resistances. V. F. Shuk'ko, V. N. Breev. *Trudy Ural' politekhn. inst.* no. 157 78-88 '67
- Selection of a start network of a single-phase asynchronous motor without a start winding. I. U. V. Baryshnikov. *Trudy Ural' politekhn. inst.* no. 157 179-188 '68
- Selection of flow conditions in a magnetohydrodynamic generator with series connected electrodes. A. I. EL'kin, E. I. Antoskin. *Izv. AN SSSR Energ. i transp.* no. 6 107-113 N-D '67
- Selection of parameters of power equipment of static systems of excitation of synchronous generators. V. N. Breev, A. S. Ostrovskii, V. V. Lange. *Trudy Ural' politekhn. inst.* no. 157 98-109 '67
- Seventh Congress of the World Power Engineering Conference. *Izv. AN SSSR Energ. i transp.* no. 6 160-161 N-D '67
- Simplified checking of nonlinear distortion meters. N. B. Petrov. *Izv. tekhn.* no. 10 91-94 O '67
- Simplified method for calculating inverse voltages in rectifiers in asynchronous operation of a synchronous machine with static excitation system. V. N. Breev, V. I. Danusko, V. F. Shuk'ko. *Trudy Ural' politekhn. inst.* no. 157 72-77 '67
- Space-charge limited currents in pulsed vacuum tubes. Z. A. Rotenberg. *Elektronika* 3 no. 10 1269-1272 O '67
- Special features of the analysis of static stability of electrical systems with presence of discrete elements in an automatic excitation control system. I. V. Litkens and others. *Izv. AN SSSR Energ. i transp.* no. 6 56-64 N-D '67
- Static stability of a machine with binary feed. I. U. A. Onuchin, N. S. Suvov. *Trudy Ural' politekhn. inst.* no. 157 134-140 '67
- Studies in the theory of electrical machines conducted at the "Elektr. ustoi." factory. M. P. Kostenko, R. A. Luter, I. A. Kazovskii. *Elektronika* 38 no. 11 17-47 N '67
- Study of the dynamics of the braking of an asynchronous machine by shorting the stator using an analog computer. N. I. Zent'ina, V. M. Kipichnikov. *Trudy Ural' politekhn. inst.* no. 157 200-205 '67
- Use of a two-phase system of connections of stator windings for the determination of saturated static and supertransient reactances. I. I. Rodionov, P. N. Sarapulov, G. V. Khorobrykh. *Trudy Ural' politekhn. inst.* no. 157 21-28 '67
- Use of digital computers in checking the starting of synchronous motors. D. I. Aishechenko, V. M. Kipichnikov, I. K. Ratsikh. *Trudy Ural' politekhn. inst.* no. 157 51-61 '67
- Use of electrometry in investigating the stressed state of rocks. S. I. Iugovkin. *Sborn. VNIIM* no. 62 117-159 '66
- Use of photodiode cells in electrical modelling of static systems with permanent magnets. V. L. Shatunovskii. *Izv. AN SSSR, Energ. i transp.* no. 6 94-97 N-D '67
- Use of thyristors in regulating the voltage of d. c. generators. N. A. Kellin. *Trudy Ural' politekhn. inst.* no. 157 126-133 '67
- Use of two series-connected three-winding transformers in excitation circuits of synchronous machines. V. I. Danusko, A. S. Ostrovskii. *Trudy Ural' politekhn. inst.* no. 157 110-117 '67
- Winding factors and shift angles of portions of a single-phase "sine-wave" winding. I. U. V. Baryshnikov. *Trudy Ural' politekhn. inst.* no. 157 171-178 '67
- Winding coils. V. A. Pivovarsky. *Elektronika* 38 no. 11 17-51 N '67
- 621 31(477)—Ukrainian S. S. R.**
Requirements for relay leakage in contact networks under conditions of the Krivoy Rog Basin. V. F. Kobevnik. *Gor. zhur.* 142 no. 5 53-54 My '67
- 621 31(575 1)—Uzbek S. S. R.**
Advantages are obvious. I. Belokovskii. *Ekon. i zhizn'* 8 no. 12 51-55 D '66
- 621.311 POWER GENERATION, SUPPLY POWER STATIONS**
Basic methods for determining the correction factor in calculating the length of settling tanks for hydroelectric power stations. D. D. Mamedov. *Za tekhn. prog.* 7 no. 10 38-39 O '67
- Batjan, A. M., and L. A. Kallin. [Assembly and use of electric equipment in agriculture]. *Montazh i ekspluatatsiya elektr. ustanovok v sel'skom khoziaistve*. Minsk, Ucheizdat, 1967 284 p
- Conference of the progressive managers of the Ministry of Power Engineering and Electrification of the U. S. S. R. *Elek. sta.* 37 no. 6 2-7 Je '66
- The "cycles" of electric power production. I. U. G. Sushkin. *Vest Mosk. un.* Ser. 5 Geog. 22 no. 4 3-10 Ji-Ag '67
- Electric power production in the U. S. S. R. during the Soviet regime. M. V. Il'inski. *Ukr. ist. zhur.* 11 no. 7 72-79 Ji '67
- Improvement in planning and operating electric power systems in the light of directives of the September Plenum of the Central Committee of the CPSU (1965). V. I. Lapitskii, A. A. Chernukhin, B. I. Shvorn. *Elek. sta.* 37 no. 6 91-93 Je '66
- Servicing the electrification of the land of the Soviets. P. S. Chernyshev. *Energomashinostroenie* 13 no. 10 6-11 O '67
- Socialist obligations of the workers of power systems, electric power plants, networks, construction, installation, and design enterprises and other organizations and enterprises of the Ministry of Power Engineering and Electrification of the U. S. S. R. during 1966 in commemoration of the 50th anniversary of the Soviet power. *Elek. sta.* 37 no. 6 7-8 Je '66
- Three-step choke devices for heating and draining main steam pipes of 300 Mw blocks. P. I. Starostin, I. G. Gorbenko. *Energomashinostroenie* 13 no. 10 36-38 O '67
- 621.313 ELECTRIC MACHINES, GENERATORS, MOTORS**
Certain problems in measuring noise characteristics of electric motors. I. K. Kovalev, V. I. Panchenko, R. P. Pokladii. *Gor. elektr. mash. i avtom.* no. 6 10-13 '67
- Heating of the rotors of TVV-type generators during start. A. M. Shipot. *Elek. sta.* 37 no. 6 81-82 Je '66
- Improving machining precision of electric motor frames with sizes from 5 to 7 on automatic lines. G. K. Kandilov, T. K. Idratov, V. N. Evzlin. *Za tekhn. prog.* 7 no. 10 22-23 O '67
- Investigating parameters of large synchronous compensators and motors operated with the utilization of deceleration conditions. F. G. Guseinov, R. F. Kuliev. *Za tekhn. prog.* 7 no. 6 14-17 Ag '67
- Investigating short-circuited asynchronous motors under the operating conditions of starting reactors. A. N. Kovalenko. *Gor. elektr. mash. i avtom.* no. 6 14-18 '67
- A method of decelerating two-phase asynchronous capacitor motors. G. G. Rameev. *Teor. i prak. met.* no. 8 214-217 '66
- Operation of a voltage relay in a voltage forcing circuit of a generator excitation system. L. F. Kudriavtsev. *Elek. sta.* 37 no. 6 90 Je '66
- Permissible asymmetry and nonsymmetry of network voltage. K. A. Abdullakhmanov. *Za tekhn. prog.* 7 no. 6 12-14 Ag '67
- Simplified method of modeling the cascade system for the start of asynchronous short-circuited motors with the aid of analog computers. N. V. Shulakov. *Gor. elektr. mash. i avtom.* no. 6 54-70 '67
- Special features of the repair of TVV-165-2 turbogenerators during start. A. M. Shipot. *Elek. sta.* 37 no. 6 82-84 Je '66
- Theoretical and experimental study of the evaluation of transient processes with simultaneous braking of d. c. motors of the conveying lines of the textile industry using an equivalent motor technique. G. G. Kovalev. *Izv. v s'ezhebe zav. tekhn. i tekhn. prom.* no. 5 138-142 '67
- Using a commensurable-power synchronous generator in starting a synchronous motor. M. M. Rasulov, A. Z. Babayev. *Za tekhn. prog.* 7 no. 10 18-20 O '67
- Using electronic computers in investigating electro-mechanical transient processes by an equivalent synchronous loading of electric systems. F. G. Guseinov, M. R. Rakhimov. *Za tekhn. prog.* 7 no. 10 14-16 O '67
- 621.314 TRANSFORMATION TRANSFORMERS, ETC.**
Determination of voltage recovery on the switches of a power transformer circuit. N. M. Chernyshev, I. F. Shchegolev, V. V. Kuznetsov. *Elek. sta.* 37 no. 6 52-57 Je '66
- Effect of the capacitor connected to output terminal on the voltage of idle running of a frequency tripler. B. G. Ter-Mikaelian. *Za tekhn. prog.* 7 no. 8 22-24 Ag '67
- Mitvayev, G. A., and V. I. Khmich. [Coils with ferrite cores]. *Katushki s ferritovymi serdetsnikami*. Izd. 2, dop. Moskva, Energiya, 1967. 64 p. (Massovaya biblioteka, no. 650)
- Reducing the inertness of rectifier devices in automatic control systems. G. A. Ali-zade, I. U. V. Troitskii. *Za tekhn. prog.* 7 no. 10 1-3 O '67
- Small transformers for heating cables. A. P. Rudzinskiy. *Bul. tekhn. i ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 20 no. 11 21-23 N '67
- Some operating characteristics of power transformers with split windings. A. G. Kiaz. *Elek. sta.* 37 no. 6 46-52 Je '66
- 621.315 TRANSMISSION, LINES, CABLES, WIRING, ETC.**
Carrying capacity of electric power transmission lines from thermal electric power plants. N. A. Poliak, L. P. Shipunova. *Elek. sta.* 37 no. 6 74-76 Je '66
- Dielectric properties of hydrocarbon lubricants for corrosion prevention of electric line wires of submarine oil fields. A. A. Spirin and others. *Za tekhn. prog.* 7 no. 8 19-22 Ag '67
- Effect of active impedance of 6-10-35 kv lines on the calculation of short-circuit currents. *Elek. sta.* 37 no. 6 67-90 Je '66
- Use of dry cable seals from polyvinyl tape. *Elek. sta.* 37 no. 6 93 Je '66
- 621.316 DISTRIBUTION AND CONTROL. SWITCHGEAR, ETC.**
Atabekov, V. B. [Grounding units of electric power distribution networks and substations]. *Zazemlialsh. ustroistva elektr. icheskikh setei i podstantsii*. Msk. Stroiizdat, 1967 98 p
- Commutator with regulated rectifiers for four-phase stepping motors. M. N. Chazov. *Izv. vyzn. uch. i iz. prib.* 10 no. 9 25-28 '67
- Cost of electric power transmission in rural electric networks and means for decreasing it. A. A. Kuzul. *Elek. sta.* 37 no. 6 64-67 Je '66
- Decreasing the cost of electric power for rural areas. V. E. Kavats. *Elek. sta.* 37 no. 6 68-71 Je '66
- Economic indices of rural electric power distribution systems and means for improving them. N. S. Kaz. *Elek. sta.* 37 no. 6 58-61 Je '66
- Experience in operation, repair and adjustment of VV-15-5500 alt blast switches. *Elek. sta.* 37 no. 1 81-87 Je '66
- Possibilities of lowering construction costs of the supports of overhead contact systems. S. G. Vasil'ev. *Zh. dor. transp.* 18 no. 3 61-68 Mr '67
- Selection of the parameters of the c. m. f. regulator, power supply of control systems. B. S. Iafarova, A. Dashenka. *Izv. vyzn. uch. i iz. prib.* 10 no. 9 13 '67
- 621.317 MEASUREMENTS, INSTRUMENTS AND INDICATORS**
Measuring instruments using neon tubes. V. Shit. *Radio* no. 12 15-16 D '67
- Universal stand for checking and testing electronic measuring instruments. I. V. Merzin, G. I. Mikhailova. *Bul. tekhn. i ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 20 no. 11 23-24 N '67
- What is a decibel? F. Zeldin, K. Dombravskii. *Radio* no. 12 38-41 D '67
- 621.318 APPLIED MAGNETISM, MATERIALS AND APPARATUS**
Diagram of contactless control by a two-coil electrostatic field. B. E. Kots. *Lit. priory.* no. 3 35 Mr '67
- Experimental study and industrial testing of the relay for regulating the drive of hoisting according to the G-D generator - motor system of thyristors. A. Dinkel. *Gor. elektr. mash. i avtom.* no. 8 47-48 '67
- Mechanical processing of the parts of a dynamometer manufactured from magnetic alloys. G. A. Mutana. *Izv. vyzn. uch. i iz. prib.* 10 no. 5 151-151 '65
- 621.319 APPLIED ELECTROSTATICS**
Effect of the capacitor connected to output terminal on the voltage of idle running of a frequency tripler. B. G. Ter-Mikaelian. *Za tekhn. prog.* 7 no. 8 22-24 Ag '67
- Temperature characteristics of variable capacitors in the three-centimeter wave range. I. N. Volskiy. *Izv. U. M. Popil'ko, B. I. A. Stukin. Lit. priory.* 4 no. 11 331-345 N '67
- 621.32 ELECTRIC LIGHTING EQUIPMENT. LAMPS**
Development of light fixtures in the U. S. S. R. during the past 50 years. E. A. Butanova and others. *Svetotekhnika* 13 no. 11 5-10 N '67
- Development of work in the study and design of lighting appliances. I. U. B. Afzenberg and others. *Svetotekhnika* 13 no. 11 11-11 N '67
- Electric lighting of industrial enterprises. T. A. Goryleva and others. *Svetotekhnika* 13 no. 11 15-20 N '67
- The 50th anniversary of the Great October Revolution. *Svetotekhnika* 13 no. 11 1-9 N '67
- 621.329 LASERS**
Analysis of the spectrum of a ruby laser pulse at the exit from the photoreceiver. V. I. Markov, I. M. Subbotin, G. R. Shtrase. *Opt. i mekh. prom.* 34 no. 4 1-7 S '67
- Distribution of photons on the basis of components of an induced Raman effect in liquid nitrogen. V. V. Ragul'skii, F. S. Faizullov. *Pis'ma v red. Zh. eksp. i teor. fiz.* 6 no. 10 887-890 N '67
- Effect of laser radiation on tissue culture cells. R. F. Kavetskiy, M. F. Hamalsha. *Dop. AN URSR Ser. B* 19 no. 11 1042-1046 N '67
- Effect of light pulses on the dislocation structure of sodium chloride. T. M. Aver'yanova, L. I. Murkin, N. I. Pilyutskii. *Kristallografiya* 12 no. 6 1022-1029 N-D '67
- Effect of optical inhomogeneity of an active substance on the radiation field structure of a ruby laser. A. V. Solov'ev, I. O. Tykhonov, M. T. Shipak. *Ukr. fiz. zh.* 12 no. 9 1430-1431 S '67
- New methods of measuring power parameters of lasers with high-pulse power. B. N. Morozov. *Izv. tekhn.* no. 10 7-12 O '67
- Field observation and photography of objects illuminated by a laser beam. V. M. Arshkin and others. *Opt. i mekh. prom.* 34 no. 9 1-3 S '67
- Formation of shock waves by means of powerful laser radiation. N. G. Basov, O. N. Krokhin, G. V. Sklyakov. *Pis'ma v red. Zh. eksp. i teor. fiz.* 6 no. 6 663-664 S '67
- Frequency fluctuation of a gaseous laser. I. U. I. Zaitseva, D. F. Stepanov. *Pis'ma v red. Zh. eksp. i teor. fiz.* 6 no. 7 733-737 O '67

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- Gas laser operating on multicharged ions. B. M. Smirnov, Pis'ma v red Zhur. eksp. i teor. fiz. 6 no. 3 565-567 Ag '67.
- Gas temperature of a discharge plasma used for carbon dioxide lasers. A. G. Sviridov, N. N. Sobolov, G. G. Tsel'kov, Pis'ma v red Zhur. eksp. i teor. fiz. 6 no. 3 542-545 Ag '67.
- Generation of ruby laser with modulated Q-factor subjected to an external signal. A. N. Bondarenko and others, Pis'ma v red Zhur. eksp. i teor. fiz. 6 no. 6 632-635 S '67.
- Generation of the second optical harmonics of radiation in GaSe crystals. M. S. Brodyn, M. V. Volovskiy, Uch. izv. zhur. 12 no. 9 1501-1506 S '67.
- High-coherence ruby laser with diffraction dispersion. A. L. Mikaelina, I. U. G. Turlov, V. G. Savet'ev, Pis'ma v red Zhur. eksp. i teor. fiz. 6 no. 6 675-677 S '67.
- A hyperboloid is created. A. Shabanov, Izobr. i rats. no. 10 20-21, 23 O '61.
- Laser and meteor hazard. Zem. i vesel. no. 5-24 S-O '67.
- Lasers in medicine. L. S. Utkhamci, Med. tekhn. 1 no. 6 58-59 N-D '67.
- Mean power of a GaAs-based semiconductor laser with optical excitation. A. Z. Grasiuk, O. A. Logunov, V. G. Smirnov, Fiz. i tekhn. poluprov. 1 no. 10 1502-1509 '67.
- Mechanism of the production of excitation in a continuous argon ion laser. I. L. Beigman and others, Pis'ma v red Zhur. eksp. i teor. fiz. 6 no. 10 919-922 N '67.
- Mikaelian, A. L., M. L. Ter-Mikaelian, and I. U. G. Turlov. [Solid state lasers] Opticheskie generatory na tverdom tele. Moskva, Sov. radio, 1967, 383 p.
- Modulation and synchronization of the radiation from a semiconductor injection laser. V. I. Magallan and others, Pis'ma v red Zhur. eksp. i teor. fiz. 6 no. 3 550-552 Ag '67.
- Plasma produced by an unmodulated Q laser beam. T. U. Aifov and others, Pis'ma v red Zhur. eksp. i teor. fiz. 6 no. 6 681-682 S '67.
- Present state and prospects for the expansion of laser technology. L. P. Lisovski, A. A. Chelny, Fiz. i khim. obsh. nat. no. 4 34-49 Ji-Ag '67.
- Propagation of laser radiation in the atmosphere. V. P. Zuev, Izv. vys. ucheb. zav., fiz. 10 no. 5 3 '67.
- Spectra of calcium ions Ca IV and Ca XVI produced during the focusing of laser radiation on a target. N. G. Rasov and others, Pis'ma v red Zhur. eksp. i teor. fiz. 6 no. 9 840-851 N '67.
- Studying some time-dependent characteristics of semiconductor lasers in GaAs p-n junction. I. U. A. Dvornik and others, Fiz. i tekhn. poluprov. 1 no. 10 1575-1578 '67.
- Studying the conditions for radiation pulsations of GaAs-based semiconductor lasers. N. G. Rasov and others, Fiz. i tekhn. poluprov. 1 no. 10 1570-1574 '67.
- Submillimeter continuous-action gas laser. S. F. Dumbko, V. A. Svich, R. A. Valtov, Pis'ma v red Zhur. eksp. i teor. fiz. 6 no. 3 567-569 Ag '67.
- Thermal effects during the interaction of a ruby laser beam with "transparent" crystals. V. M. Valtov, A. M. Kamuz, Ukr. fiz. zhur. 12 no. 7 1200-1202 Ji '67.
- Use of a laser in measuring the cross section of induced radiation of a substance. V. R. Belan, V. V. Gligor'ants, M. E. Zhabotinskii, Pis'ma v red Zhur. eksp. i teor. fiz. 6 no. 7 721-721 O '67.
- 621.33 ELECTRIC TRACTION**
- Increase in static accuracy and stabilization of regulated electric drives of the magnetic amplifier-motor system. Uch. zap. Ulian. gos. ped. inst. 20 no. 4 183-189 '66.
- Zhablo, M. L., and A. M. Baranov. [Switching locomotives of electrified railroads] Manevrye lokomotivov elektrifikirovannykh zheleznichnykh dorog. Moskva, Transport, 1967, 149 p.
- 621.35 APPLIED ELECTROCHEMISTRY CELLS. BATTERIES. ELECTROLYSIS, ETC.**
- Amalgam methods in technological schemes for the production of nonferrous and rare metals. M. T. Kozlovskii and others, Trudy Inst. khim. nauk AN Kazakh SSR 18 32-48 '67.
- Change of vacancy concentration in KBr crystals in the case of electrolytic coloration. O. A. Andreev, G. B. Semushkin, A. N. Tsikh, Fiz. tver. tela 9 no. 11 3257-3263 N '67.
- Chemical polarization in electropolishing. S. I. Krichmar, Elektrokhiimiia 3 no. 10 1232-1233 O '67.
- Determination of the ohmic resistance of electrolyte in the rapid electrochemical method of corrosion tests. D. N. Abramov, B. V. Evdokimov, Azerb. khim. zhur. no. 4 74-78 '67.
- Distribution of metal on cathode surface in zinc plating from ammonium chloride electrolytes. M. L. Lerner, A. N. Shtraeva, M. S. Allah'eva, Zhur. prikl. khim. 40 no. 8 1763-1766 Ag '67.
- Effect of the conditions of electrolysis on selenium current efficiency. Sh. D. Osman-Zade, Azerb. khim. zhur. no. 4 39-42 '67.
- Electrochemical behavior of borated steel electrodes. V. P. Galushko and others, Zhur. prikl. khim. 10 no. 8 1753-1758 Ag '67.
- Electrochemical method for the alcoholysis of triglycerides of fatty acids with polyhydric alcohols. M. M. Falt'kovich, K. M. Goldberg, Lakokras. mat. i kh. prim. no. 4 6-9 '67.
- Electrochemical protection of metals from a high intensity cavitation effect. L. N. Len'kova, A. A. Vysotskii, I. U. F. Zolobach, Inform. sbor. TSNIIMF no. 156 Tekh. eksp. i teor. fiz. no. 49 62-71 '67.
- Electrochemical refining of metals by the amalgam method. L. F. Kozin and others, Trudy Inst. khim. nauk AN Kazakh SSR 18 49-71 '67.
- Electrodeposition of metals from the surface of an m-diffusion electrode. Part 5. Nickel. Kh. Z. Basmala, V. B. Beliaeva, Elektrokhiimiia 3 no. 10 1283-1287 O '67.
- Effect on work function of systems consisting of metals coated with a thin phthalocyanine film. K. P. Lobanova, S. D. Levina, Elektrokhiimiia 3 no. 10 1233-1236 O '67.
- 50 Years of Soviet electrochemistry. Elektrokhiimiia 3 no. 11 1299-1301 N '67.
- Heat effectiveness in the process of welding with a c. plasma arc. D. A. Dudko, A. N. Kormenko, Avtom. svaz 20 no. 11 27-30 N '67.
- Measurement of the pressure of calcium vapors over a solid lead alloy. V. G. Muradov, P. V. Gol'd, Uch. zap. Ulian. gos. ped. inst. 20 no. 4 376-378 '66.
- Measurement of the pressure of vapors over solid alloys of calcium, silicon and lead. V. G. Muradov, P. V. Gol'd, Uch. zap. Ulian. gos. ped. inst. 20 no. 1 116-121 '66.
- Measuring the impedance of passive electrodes during their polarization from a potentiostat. V. I. Ovscharenko, V. M. Novakovskii, Zashch. met. 3 no. 6 737-739 N-D '67.
- Mechanism of dissolution of some antimony-based intermetallic compounds. L. E. Tsygankova, V. I. Vigdorovich, Elektrokhiimiia 3 no. 10 1216-1219 O '67.
- Mechanism of reactions occurring in the process of chemical nickel plating. A. A. Nikiforova, G. A. Sadakov, Elektrokhiimiia 3 no. 10 1207-1211 O '67.
- New method of electrolytic production of pure iron powder. B. P. Uli'ev, L. S. Grankina, Porosh. met. 7 no. 12 1-9 D '67.
- Oxide anodes. N. F. Razina, Trudy Inst. khim. nauk AN Kazakh SSR 18 19-21 '67.
- Possibility of using pulse currents in electrochemical integrators. E. A. Leporskala and others, Elektrokhiimiia 3 no. 10 1187-1191 O '67.
- Present state and trends in the development of electrochemical methods of machining. I. I. Mosoz, Fiz. i khim. obsh. nat. no. 4 46-56 Ji-Ag '67.
- Regularities of the effect of additions on the strength of lead anode. G. Z. Kir'akov, I. U. D. Dunaev, V. G. Buzdich, Trudy Inst. khim. nauk AN Kazakh SSR 18 6-18 '67.
- Structure of chemically deposited cobalt. S. A. Shatsova, S. A. Andreeva, N. V. Koroleva, Zashch. met. 3 no. 6 714-717 N-D '67.
- Studies in the kinetics of electrode processes on amalgam electrodes. L. F. Kozin and others, Trudy Inst. khim. nauk AN Kazakh SSR 18 75-86 '67.
- Technology of deposition and physicochemical properties of gold-antimony electrolytic alloy. N. P. Podatov, P. M. Vlachislavov, G. A. Volianuk, Zhur. prikl. khim. 40 no. 8 1759-1763 Ag '67.
- Two-factor theory of brightening. V. A. Kairaris, Elektrokhiimiia 3 no. 10 1273-1279 O '67.
- 621.36 THERMOELECTRICITY. ELECTRIC HEATING**
- Aesthetics in the design of electrometallurgical resistance furnaces. L. R. Alavetov, Mikhloved. i term. obsh. met. no. 11 43-17 N '67.
- Automatic control system for steel smelting in electric arc furnaces. A. F. Khabukovskii and others, Metalurg 12 no. 6 17-20 Jo '67.
- Calculating boundary layer at the insulating wall of an MHD channel. S. M. Appolonov, I. U. P. Kos'kin, Izv. zhur. 13 no. 4 530-541 O '67.
- Electric conductivity of a zinc charge and its influence on power conditions of an electric furnace. A. K. Pinaev, I. U. A. Iablonskii, Sb. Uch. i nauch. zap. inst. no. 155 68-74 '67.
- Establishing optimum operating conditions for closed ferroalloy furnaces. L. A. Mal'nev and others, Teor. i prakt. met. no. 8 64-68 '66.
- Programming and stabilization of electric conditions in vacuum arc furnaces with a consumable electrode. B. K. Karavashkin, I. A. Baev, Teor. i prakt. met. no. 8 208-213 '66.
- Study of the thermal field of tubular electric heaters. V. V. Bilozub, A. M. Dykov, Loh. prom. no. 5 47-51 S-O '66.
- 621.37 TECHNIQUE OF ELECTRIC AND ELECTROMAGNETIC WAVES, OSCILLATIONS AND PULSES**
- Absolute stochastic stability. V. A. Brusin, M. L. Tai, Izv. vys. ucheb. zav., radiofiz. 10 no. 7 940-947 '67.
- Absorption and transformation of electromagnetic waves in a resonance layer at oblique incidence on an inhomogeneous plasma. O. I. Ornel'chenko, K. M. Stepanov, Ukr. fiz. zhur. 12 no. 9 1443-1451 S '67.
- Appearance of current oscillations in oscillators. I. M. Viskulin and others, Fiz. i tekhn. poluprov. 1 no. 10 1462-1468 '67.
- Asymptotic methods in the theory of oscillations in some problems in nonlinear radio engineering. A. A. Mol'chnov, Izv. vys. ucheb. zav., radiofiz. 10 no. 7 987-998 '67.
- Atomic frequency standards. M. I. Zhabotinskii, Radiotekh. i elektron. 12 no. 11 2023-2031 N '67.
- Attenuation of waves propagating along the surface of a nonuniform half-space with a wave guide. A. G. Alenitsyn, Fiz. i tekhn. poluprov. 1 no. 5 914-915 S-O '67.
- Band-to-band transitions in semiconductors in a magnetic field under the effect of a strong electromagnetic wave. V. Ch. Zhukovskii, A. A. Sokolov, Pis'ma v red Zhur. eksp. i teor. fiz. 6 no. 9 876-879 N '67.
- Beletskii, A. F. [Fundamentals of the theory of linear electrical networks] Osnovy teorii lineynykh elektricheskikh tsepei. Moskva, Svyaz', 1967, 607 p.
- Calculating the oscillator strength in the case of two-photon absorption up to the excitation state. A. I. Bobrysheva, S. A. Moskalenko, M. I. Shmiglin, Fiz. i tekhn. poluprov. 1 no. 10 1469-1477 '67.
- Calculation of mutual effects between coaxial circuits with contacting external conductors. A. B. Tsailovich, Elektrosv'az' 21 no. 12 74-75 D '67.
- Calculation of upper harmonics in transmitters. B. P. Terent'ev, V. S. Prokof'ev, Elektrosv'az' 21 no. 12 75-76 D '67.
- Cherenkov losses by a modulated current in a nonlinear dielectric. V. V. Demchenko, V. I. Kuzilko, Izv. vys. ucheb. zav., radiofiz. 10 no. 5 716-721 '67.
- Coincidence circuits for units with pulse bridge elements. N. M. Karimov, Za tekhn. prog. 7 no. 8 6-8 Ag '67.
- Demonstration of the work of a magnetic amplifier. M. A. Gribovskii, Vech. sci. shkola. 10 no. 6 88-90 N-D '67.
- Design of thermal regulator networks using the least squares method. I. U. V. Zavarzinov, Elektrosv'az' 21 no. 12 68-73 D '67.
- Determining the rigidity of circular plates with squeezed-out edges. V. F. Ugodnikov and others, Gos. elektromekh. i avtom. no. 8 106-111 '67.
- Development of the theory of linear radio circuits. I. S. Gonorovskii, Radiotekh. i elektron. 12 no. 11 1047-1072 N '67.
- Diffraction of the field of a longitudinal electric emitter on two parallel cylindrical cylinders. E. A. Ivanov, B. S. Gol'd, Izv. vys. ucheb. zav., radiofiz. 10 no. 5 693-698 '67.
- Dilatation of the spectrum of an open resonator over longitudinal and transverse indices. V. S. Averbakh, S. N. Vlasov, Izv. vys. ucheb. zav., radiofiz. 10 no. 5 731-732 '67.
- Distribution of the electromagnetic energy along the conducting wire in mine haulage lifts. A. P. Kuz'menko, A. K. Shirokovskii, Nauch. trudy KNIU no. 17 186-193 '65.
- Division of regular events in sources. A. M. Blank, G. A. Gil'man, Izv. vys. ucheb. zav., radiofiz. 10 no. 11 1611-1616 '67.
- Effect of deformation of broad walls of a wave guide, loaded with double-low rod-type comb, on its electrodynamic properties. P. I. Gloskov, Izv. vys. ucheb. zav., fiz. 10 no. 6 155-157 '67.
- Effect of injection level on the excitation threshold of an oscillator. I. M. Viskulin and others, Fiz. i tekhn. poluprov. 1 no. 10 1466-1468 '67.
- Electromagnetic shock waves. A. V. Gaponov, L. A. Ostrovskii, G. I. Feldman, Izv. vys. ucheb. zav., radiofiz. 10 no. 9 1370-1413 '67.
- Existence of anomalously close radio wave reflections from the zones of sporadic ionization related to auroras. A. M. Makaygin, E. A. Ponomarev, Geomag. i aer. 6 no. 5 936-937 S-O '66.
- Experimental study of the radiation of superhigh-frequency electromagnetic waves from a plasma pierced by an electron beam. M. I. Kogan, I. E. Sakharov, Zhur. toph. fiz. 37 no. 12 2173-2183 D '67.
- Experimental study of the spectrum of a pulse signal reflected from the ionosphere. V. D. Kokorin, Geomag. i aer. 6 no. 5 933-931 S-O '66.
- Forced oscillations in a system having a symmetric polygonal hysteresis loop. V. G. Klimov, Izv. vys. ucheb. zav., radiofiz. 10 no. 7 970-986 '67.
- Induced radiation in an inhomogeneous magnetic field. D. V. Gal'tsov and others, Izv. vys. ucheb. zav., radiofiz. 10 no. 5 734-736 '67.
- Methods for selecting types of oscillations in open quasi-optical systems. V. S. Averbakh, S. N. Vlasov, V. I. Talanov, Izv. vys. ucheb. zav., radiofiz. 10 no. 9/10 1333-1347 '67.
- Minimal contact circuits, their synthesis, and estimation of the number of contacts required. V. N. Grebenshchikov, Izv. vys. ucheb. zav., radiofiz. 10 no. 11 1500-1611 '67.
- Nonlinear optics and problems of the frequency conversion of coherent optical radiation. S. A. Akhmanov, R. V. Khokhlov, Radiotekh. i elektron. 12 no. 11 2052-2076 N '67.
- Oblique incidence of a plane electromagnetic wave on a compressible plasma cylinder. L. K. Ryzhova, V. I. Akimovskii, Izv. vys. ucheb. zav., radiofiz. 10 no. 5 666-673 '67.
- Phase errors in the excitation of a damped oscillator by a pulse train with passage of thinning pulses. G. A. Polievskii, Elektrosv'az' 21 no. 12 77-78 D '67.
- Propagation of centimeter, millimeter, and submillimeter radio waves in the earth's atmosphere. S. A. Zhevakina, A. P. Naumov, Izv. vys. ucheb. zav., radiofiz. 10 no. 9/10 1213-1243 '67.

621.37 (Continued)

- Propagation of electromagnetic waves in worked-out areas in mines with no metallic girders present. A. P. Kuz'menko, A. K. Strokovskii. Nauch. trudy KNIUI no. 17 180-185 '65.
- Qualitative theory of a sawtooth voltage generator operating on pnp-npn-transistors. I. A. Belen'kii. Izv. vys. ucheb. zav., radiofiz. 10 no. 11:1501-1509 '67.
- Quantum paramagnetic amplifiers. M. E. Zhabotinskii, N. V. Karlov, V. B. Skitsenshteyn. Radiotekh. i elektron. 12 no. 11:2032-2051 N '67.
- Shortwave interference in the problem dealing with diffraction on an inhomogeneous cylinder of arbitrary cross section. V. S. Buldyrev. Izv. vys. ucheb. zav., radiofiz. 10 no. 5 699-711 '67.
- Some problems affecting the diffraction of electromagnetic waves on plasmoids. V. B. Gub'denburg and others. Izv. vys. ucheb. zav., radiofiz. 10 no. 9/10 1358-1375 '67.
- Stationary states of earth's outer radiation zone. V. U. Trakhtengerts. Geomag. i aer. 6 no. 5 827-836 S-O '66.
- Steady state of a linear quadrupole closed through two relays. S. D. Krasnaya. Izv. vys. ucheb. zav., radiofiz. 10 no. 7 948-960 '67.
- Study of ionospheric radio wave propagation. A. N. Kazantsev, D. S. Lukin. Radiotekh. i elektron. 12 no. 11:1891-1910 N '67.
- Study of the propagation of meter, decimeter, centimeter, and submillimeter radio waves. B. A. Vvedenskii, M. A. Kolesov, A. V. Sokolov. Radiotekh. i elektron. 12 no. 11:1867-1899 N '67.
- Tensor representation of the media of energy exchange in electromagnetic fields. L. A. Drivot, N. M. Seprunova. Uch. zap. Ulian. gos. ped. inst. 20 no. 4 56-66 '66.
- Theory of electromagnetic fluctuations in a semi-infinite plasma. M. A. Kotsarenko, A. M. Fedorchenko. Ukr. fiz. zhur. 12 no. 9 1530-1535 S '67.
- Theory of incoherent scattering of electromagnetic waves by cylindrically symmetric plasmoids. L. P. Iakimenko. Izv. vys. ucheb. zav., radiofiz. 10 no. 5 637-648 '67.
- Theory of synchronization of a quasi-harmonic oscillator. V. L. Gorlunov. Izv. vys. ucheb. zav., radiofiz. 10 no. 7 999-1006 '67.
- Tripling of the frequency of an electromagnetic wave in a hot electron gas in semiconductors. G. G. Sergeeva. Izv. vys. ucheb. zav., radiofiz. 10 no. 5 649-653 '67.
- Use of magnetic pulse modulators for the power supply of spherical stroboscopes. V. S. Saltykov, V. S. Il'in. Izv. vys. ucheb. zav., prib. 10 no. 9:3-5 '67.
- Use of nonlinear ceramic semiconductor resistors from a moisture of zinc oxide and bismuth oxide for amplitude modulation. E. G. Petel'd. Uch. zap. Ulian. gos. ped. inst. 20 no. 4:108-116 '66.
- Use of radio astronomy methods in studying the tropospheric absorption of radio waves. A. G. Kisilakov, K. S. Stankevich. Izv. vys. ucheb. zav., radiofiz. 10 no. 9/10 1214-1265 '67.
- Use of the point-to-point transformation method in analyzing processes of synchronization of generators of discontinuous oscillations. P. N. Zavadovov. Vest. LGU 22 no. 22 64-77 N '67.
- Wave excitation in a plasma by external currents. Part 2. I. L. Murmlyo. Ukr. fiz. zhur. 12 no. 7 1094-1104 J1 '67.
- 621.37(211)—Cold frigid regions**
Conditions of radio communication in high latitudes in the years of decreased solar activity. M. V. Kisileva. Geomag. i aer. 6 no. 5 869-874 S-O '66.
- 621.37(471.341)—Gorky Province**
Advance of radiophysics and the theory of oscillations at Gorky in the last 50 years. Izv. vys. ucheb. zav., radiofiz. 10 no. 9/10 1454-1473 '67.
- 621.38 ELECTRONICS**
Analysis of the similitude of processes in parametric and quantum converters. L. A. Drivot, V. I. A. Badiakov, N. M. Seprunova. Uch. zap. Ulian. gos. ped. inst. 20 no. 4 40-56 '66.
- Calculation of the power of an asynchronous-asynchronous stage exciter of a brushless excitation system. A. T. Plastun, V. A. Rybnikov. Trudy Ural. politekh. inst. no. 157-67-71 '67.
- Charged particle acceleration in a plasma. I. A. B. Fainberg. Usp. fiz. nauk 93 no. 4:617-631 D '67.
- Determining the appearance temperature of the intrinsic conductance of semiconductors by the characteristics of p-n-junction. M. M. Alov. Fiz. i tekhn. poluprov. 1 no. 10 1540-1545 '67.
- Development of V. I. Vekler's ideas in the field of accelerators. A. A. Kolomenskii. Usp. fiz. nauk 93 no. 4 593-610 D '67.
- Development of works on the construction of cybernetic accelerators. A. L. Mints. Usp. fiz. nauk 93 no. 4:611-615 D '67.
- Effect of continuous setting of current along a delay system on the amplification of a traveling-wave tube. A. F. Golubentsev, L. M. Minkin. Izv. vys. ucheb. zav., radiofiz. 10 no. 5 738-739 '67.
- Electroluminescence of Al - Al₂O₃ - M film diodes. G. A. Filaretov and others. Fiz. i tekhn. poluprov. 1 no. 10 1492-1495 '67.
- Electron-beam equipment. Manfred von Ardenne, Zigrifd Shiller, Uprikh Khaziz. Radio no. 12:15-16 D '67.
- [Electronics and its application] Ref. zhur.: Elok, i ee prim., no. 12 D '67.
- Eliminating lateral defocusing of an electron beam in emitters of the magnetron type. T. G. Kochina, S. E. Tsimring. Izv. vys. ucheb. zav., radiofiz. 10 no. 5:722-730 '67.
- Exciter for brushless excitation of regular synchronous machines. A. T. Plastun, N. S. Sinov. Trudy Ural. politekh. inst. no. 157 62-66 '67.
- Frenkel effect in semiconductor diodes. V. I. Gaman. Izv. vys. ucheb. zav., fiz. 10 no. 9:92-98 '67.
- The frequency quantizing traveling-wave oscillator. S. A. Belovitin, I. T. Trofimenko. Izv. vys. ucheb. zav., radiofiz. 10 no. 5 732-734 '67.
- High-voltage p-n-junctions in Ga₂Al₃-As crystals. Zh. I. Alferov and others. Fiz. i tekhn. poluprov. 1 no. 10 1573-1581 '67.
- Improve the mechanization of economic calculations in enterprises. V. L. Liberman, V. Podolskii. Vest. stat. no. 12:47-55 '67.
- Induced radiation from excited classical oscillators and its use in high-frequency electronics. A. V. Gaponov, M. I. Petelin, V. K. Ul'pov. Izv. vys. ucheb. zav., radiofiz. 10 no. 9/10 1414-1453 '67.
- Krot'ko, P. D. [Variational methods for the synthesis of systems with digital controllers] Variatsionnye metody sinteza sistem s tsifrovymi regulatorami. Moskva, Sov. radio, 1967 438 p.
- [Manual and book of problems on radio engineering and radar fundamentals] Spravochnik-zadachnik po osnovam elektrodinamiki i radiolokatsii. Pod obshch. red. G. V. Zimina. Moskva, Voenizdat, 1967 527 p.
- Means for the development of electronic devices for millimeter and submillimeter band waves. N. D. Deviatkov, M. B. Golant. Radiotekh. i elektron. 12 no. 11 1973-1988 N '67.
- Most powerful accelerator in the world. S. S. Gershteyn, A. A. Logunov, R. M. Sultiev. Priroda no. 11:12-25 N '67.
- Nature of a moving plasma produced in an electric discharge shock tube. IU. I. Chutov. Ukr. fiz. zhur. 12 no. 7 1180-1192 J1 '67.
- Negative resistance in silicon p-n, n-diods, doped with gold. IU. A. Bykovskii, K. N. Vinogradov, V. V. Zuev. Fiz. i tekhn. poluprov. 1 no. 10 1559-1561 '67.
- Organization of the processing of economic information on electronic digital computers, and the problems of statistics. I. V. Sipovskaya, Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Polit. ekon. no. 8 50-56 '67.
- Possibilities of the radio navigation system "Loran A." V. Ustinov. Mor. flot 27 no. 11:20-21 N '67.
- Possibility of using pulse currents in electrochemical integrators. E. A. Leporskaya and others. Elektrokhimika 3 no. 10:1187-1191 O '67.
- Problems of automating programming for electronic computers using the basic structure of algorithmic languages and the universal programming program. K. N. Denisov, E. N. Pervezentsev. Trudy TSNIMF 12 no. 80:34-48 '67.
- Properties of electroluminescent SiC diodes. A. S. Krichuk. Fiz. i tekhn. poluprov. 1 no. 10:1510-1514 '67.
- Radiation from a longitudinal slot and a conductor situated on a cylinder with a flange. M. P. Naimushin. Izv. vys. ucheb. zav., radiofiz. 10 no. 5 712-717 '67.
- Sensitivity of a radiometer in the submillimeter range. V. S. Abilazov, E. I. Popov. Izv. vys. ucheb. zav., radiofiz. 10 no. 5:654-657 '67.
- Study of electron junctions in semiconductors. V. G. Alekseeva, IU. V. Gullayev, I. A. E. Pokrovskii. Radiotekh. i elektron. 12 no. 11 2077-2098 N '67.
- Study of the characteristics of the medium of energy exchange of quantum converters. L. A. Drivot, N. M. Seprunova. Uch. zap. Ulian. gos. ped. inst. 20 no. 4 81-98 '66.
- Study of the mechanical-chemical destruction of polysaccharides in the presence of concentrated sulfuric acid by electronic paramagnetic resonance. G. I. Gorokhov. Gidroliz. i tesokhim. prom. 18 no. 8 13-16 '65.
- Studying the conditions of light modulation with λ -10, μ m by means of the electrooptical effect on GaAs crystals. V. S. Bagayev, IU. N. Borozashvili. Fiz. i tekhn. poluprov. 1 no. 10 1568-1570 '67.
- Studying the continuous generation of laser diodes from GaAs in liquid helium. V. M. Marchenko, L. M. Kogan, L. D. Libov. Fiz. i tekhn. poluprov. 1 no. 10 1546-1552 '67.
- Synchrotron radiation. A. A. Sokolov, I. M. Ternov. Izv. vys. ucheb. zav., fiz. 10 no. 10 53-82 '67.
- Thin-film diodes on the base of chalcogenide glasses. V. I. Gaman, V. D. Bazarov. Izv. vys. ucheb. zav., fiz. 10 no. 9 80-85 '67.
- Transistorized remote control system with contactless inductive communication channel using long waves. A. P. Ineshtin and others. Uch. zap. Ulian. gos. ped. inst. 20 no. 4 98-108 '66.
- Variations of boundary stress in p-n-junction. A. I. A. Gokhshtein. Fiz. i tekhn. poluprov. 1 no. 10 1486-1491 '67.
- 621.38(571.14)—Novosibirsk Province**
Design and use of electron accelerators at Tomsk Polytechnical Institute. I. P. Chuchalin. Izv. vys. ucheb. zav., fiz. 10 no. 10 83-92 '67.
- 621.38(575.1)—Uzbek S.S.R.**
Mathematical methods in planning. A. Abduganov. Ekon. i shizn' no. 7:21-22 '67.
- 621.382 SEMICONDUCTOR DEVICES**
Abrikosov, N. Kh., and others. [Semiconductor compounds, their manufacture and properties, chalcogenides of the elements of groups II, IV, and V of the periodic table] Poluprovodnikovye soedineniya, ikh polucheniye i svoystva; khim. i tekhn. i ekonom. osn. II, IV i V grupp periodicheskoi sistemy. Moskva, Nauka, 1967 174 p.
- Determining the rate of surface recombination of the alloyed germanium triodes. V. I. Gaman, V. M. Kalygina. Izv. vys. ucheb. zav., fiz. 10 no. 10:112-118 '67.
- Experimental study and industrial testing of the relay for regulating the drive of hoisting according to the G-D (generator - motor) system on thyristors. A. D. Dinkel. Gor. elektromekh. i avtom. no. 8 37-41 '67.
- Investigating parameters of a thyristor system for controlling mine electric locomotives. S. A. Volkovskii, M. I. Golubev. Gor. elektromekh. i avtom. no. 1 55-63 '67.
- Surplus current of a tunnel diode. B. M. Vul, E. I. Zavaritskaya, N. V. Zavaritskii. Fiz. tver. tela 9 no. 11 3212-3220 N '67.
- 621.384 PRODUCTION OF ACTIVE RAYS, CORPUSCULAR BEAMS**
Angular energy distribution in the yield of a coaxial electrodynamic end-outlet accelerator. V. A. Derevitskov, N. V. Rusakov. Zhur. tekhn. fiz. 37 no. 12 2117-2238 D '67.
- Resonance buildup of radial electron oscillations in a betatron. D. P. Ivanov, A. P. Komar, IU. S. Korobochka. Zhur. tekhn. fiz. 37 no. 12:2213-2215 D '67.
- 621.387 GAS-FILLED TUBES, COUNTERS, THYRATONS**
Study of processes of interaction of electrons with neon atoms in electronic vacuum devices. I. A. Nikitina. Izv. vys. ucheb. zav., prib. 10 no. 9 16-20 '67.
- 621.389 OTHER ELECTRONIC APPARATUS**
Design of a cathode block in an electron beam unit for the heat treatment of metal strips. A. F. Gagen, V. E. Kochnov. Teor. i prakt. met. no. 8 224-228 '66.
- 621.39 TELECOMMUNICATION**
Adjustment of variable correctors of the form of video signals. N. Z. Strizhevskii. Elektrosviaz' 21 no. 12 1-10 D '67.
- Automatic computer of coordinates with periodic data correction. V. Chernyshev. Mor. flot 27 no. 11 21-21 N '67.
- Automation of telephone networks in coal industry. P. S. Kubaichuk. Ugol' Ukr. 11 no. 7:20-22 J1 '67.
- Color picture receiver on the kinescope with a focusing screen. R. G. Britanishskii, B. V. Vontsekhovich, V. P. Kaganer. Tekhn. kino i telev. 11 no. 11 52-59 N '67.
- Communication system with a variable number of signal positions. A. L. Pelsikhman. Elektrosviaz' 21 no. 11 42-48 D '67.
- Concerning the interpolation of some results in the area of automatic phase frequency control in V. V. Shakhmurdian's work. B. I. Shakhlarin, E. S. Elinson. Elektrosviaz' 21 no. 12:79-80 D '67.
- Control of light mode in a television camera. A. P. Sorenzon, M. I. Tsiklis. Tekhn. kino i telev. 11 no. 11 63-67 N '67.
- Development of antenna system technology. L. D. Bakhakh, A. A. Pistol'kors, I. A. N. Feld. Radiotekh. i elektron. 12 no. 11 1911-1946 N '67.
- Efficiency of communication channels. G. P. Zakharov. Elektrosviaz' 21 no. 12:33-41 D '67.
- Electronic synthesis of channel figures on a television raster. I. N. Gugin. Tekhn. kino i telev. 11 no. 11 60-63 N '67.
- Expediency of using error-correcting codes in channels with group errors. IU. N. Mel'nikov. Elektrosviaz' 21 no. 12:20-24 D '67.
- Frequency characteristics of the system of output circuits of a radio transmitting installation. A. Z. Vorozhtsov. Trudy TSNIMF 13 no. 83:93-97 '67.
- Kurits, L. M. [Faults in television receivers] Neispravnosti v televizorakh. Izd. 2., perer. i dop. Moskva, Energiya, 1967 127 p. (Massovaya radioobshchitsa, no. 631)
- Levitin, E. A., and I. E. Levitin. [Radio broadcast receivers: a handbook] Radioveshchatsiya i priem, spravochnik. Izd. 2., perer. i dop. Moskva, Energiya, 1967 367 p.
- Loading of a transmitter by a branching transformer at the output. B. D. Steinh. Zlektrosviaz' 21 no. 12:59-67 D '67.
- Magnetic video tape recording in the U.S.S.R. I. V. Ruzanov, V. I. Parkhomenko. Tekhn. kino i telev. 11 no. 11 23 N '67.
- Millimeter and submillimeter band receivers. A. N. Vyshtak, V. V. Migulin. Radiotekh. i elektron. 12 no. 11:1989-2005 N '67.
- Modeling urban telephone systems on electronic computers. V. S. Zverev. Izv. SO AN SSSR Ser. obshchestv. nauk no. 6:71-70 My '67.

- Optimal reception of signals with undetermined phase in two-beam communication channels.** M. A. Bykhovskii. *Elektrosvyaz'* 21 no. 12:25-32 D '67.
- Sobolevskii, A. G.** [Do you want to become a radio amateur?] *Kholite stat' radiolubitel'm?* Moskva, Svyaz', 1967 202 p.
- Studios need suspended remote-control television cameras.** I. B. Perestavtsev. *Tekhnika i teletv* 11 no. 11:58 N '67.
- Systems of applied television and television automatics.** V. S. Polonik. *Tekhnika i teletv* 11 no. 11:24-30 N '67.
- Turov, G. I.** [Separation and treatment of information in Doppler systems]. *Vydelenie i obrabotka informatsii v dopplerovskikh sistemakh.* Moskva, Sov. radio, 1967 255 p.
- Volgov, V. A.** [Components and assemblies of radio-electronic apparatus; design and calculation]. *Detali i uzly radioelektronnoi apparatury, konstruirovaniye i raschet.* Moskva, Energiya, 1967 542 p.

621.39(471.311)—Moscow Province

- Apparatus of a unique structure.** *Sov. pech.* no. 4:40 Ap '66.

621.391 GENERAL ELECTRICAL (COMMUNICATION) PROBLEMS

- Transistorized selector of the amplitude band of a signal.** D. A. Abdulaev, V. M. Zhuravlev, V. I. Kogan. *Izv. vys. ucheb. zav.*, prib. 10 no. 9:9-15 '67.

621.396 RADIOCOMMUNICATION

- Amplifiers with dynamic load.** V. Nosov. *Radio no. 12:* 29-30 D '67.
- Ferroresonant stabilizer.** V. Anan'ev. *Radio no. 12:* 42 D '67.
- Four-track stereophonic magnetic tape recorder.** I. U. Alekseev, I. U. Smirnov, P. T. Svalga. *Radio no. 12:* 44-50 D '67.
- Frid, E. A., and S. Kh. Azarkh.** [Piezoceramic filters]. *Piezokeramicheskie fil'try.* Moskva, Energiya, 1967 39 p. (Massovaya radiobiblioteka, no. 659)
- Future radio equipment designers.** I. T. Novikov. *Sikola i prozov.* 11 no. 10:23-24 O '67.
- Improving the superheterodynes of rural radio amateurs.** V. Vasil'ev. *Radio no. 12:* 32-33 D '67.
- In foreign countries.** *Radio no. 12:* 51-52 D '67.
- Low-frequency amplifier with fixed bias.** A. Vasil'ev. *Radio no. 12:* 28 D '67.
- Mal'cev, G. A., and V. I. Khomich.** [Coils with ferrite cores]. *Katushki s ferritovymi serdetsnikami izd. 2.* dop. Moskva, Energiya, 1967. 64 p. (Massovaya radiobiblioteka, no. 650)
- More on temperature stabilization.** V. Morozov. *Radio no. 12:* 31-32 D '67.
- Multipark ignition system.** V. Andreev, V. Erner, L. Mechnikov. *Radio no. 12:* 34 D '67.
- Our consultations.** *Radio no. 12:* 56-57 D '67.
- Prilik, N. V.** [Transistor pocket radio]. *Karmannyi radiopriemnik na tranzistorakh.* Izd. 2. Moskva, Energiya, 1967. 30 p. (Massovaya radiobiblioteka, no. 652)
- [Radio engineering] Ref. zhur.: Radiotekh.** no. 11 N '67.
- Rekhnashevskii, I. U. G., and A. A. Bachinskii.** [Radio receivers, radio-phonograph combinations, magnetic tape recorders, phonographs]. *Radiopriemniki, radioly, magnitofony, radiogramofony.* Moskva, Svyaz', 1967 323 p.

- Shoulder to shoulder.** *Radio no. 12:* 3 D '67.
- Sound recording equipment at the 22d anniversary exhibition.** L. Tsyganova. *Radio no. 12:* 43 D '67.
- Tereshchuk, R. M., and L. B. Fuks.** [Small-sized radio equipment, radio amateur's handbook]. *Malogabaritnaya radioapparatura; spravochnik radiolubitel'ia.* Kiev, Naukova dumka, 1967. 446 p.
- To consolidate the achievements.** A. N. Skvortsov. *Radio no. 12:* 4-5 D '67.
- Toward new accomplishments.** *Radio no. 12:* 1 D '67.
- Transistorized SSB exciter.** Q. Gaznuk. *Radio no. 12:* 20-22 D '67.
- Triode or pentode?** V. Dem'yanov. *Radio no. 12:* 27 D '67.
- When the lessons are over.** N. Grigor'eva. *Radio no. 12:* 5-7 D '67.

621.396(431)—German Democratic Republic

- At the Leipzig fall fair.** F. Vishnevetskii, A. Blushke. *Radio no. 12:* 10-11 D '67.

621.396(438)—Poland

- Radio competitions in Poland.** Vito'd Konvinskii. *Radio no. 12:* 12 D '67.

621.396(471.2)—Northwestern U.S.S.R.

- On the air near Kalinin.** N. Kazanskii. *Radio no. 12:* 9 D '67.

621.396(477)—Ukrainian S.S.R.

- On the air, the radio amateurs of Ukraine.** V. Karanin. *Radio no. 12:* 8 D '67.

621.397 FACSIMILE TELEVISION

- Filter for television receivers.** K. Perebino. *Radio no. 12:* 26 D '67.
- Picture amplifier for UNT-47/59 television receivers.** E. Minkina, I. U. Satin. *Radio no. 12:* 23-25 D '67.
- Mayzolevskii, A. G., and A. M. Shekhtman.** [Installation of standardized stages in television receivers]. *Ustanovka v televizory unifikirovannykh uzlov.* Moskva, Energiya, 1967 87 p. (Massovaya radiobiblioteka, no. 656)

- Shenderovich, A. M.** [Amplification and transformation of a high-frequency television signal in a television receiver]. *Usilenie i preobrazovanie vysokochastotnogo signala v televizionnoi priemnike.* Moskva, Svyaz', 1967 63 p. (Biblioteka "Televizionnyi priem," no. 36)

621.398 TELECONTROL. TELEMETERING

- Coding device using electron-beam tube with circular scan.** V. B. Suklov, V. V. Novozhilov, S. D. Sokolov. *Izv. vys. ucheb. zav.*, prib. 10 no. 9:71-75 '67.
- Construction and probability indices of secondary particle codes.** B. I. A. Sovetov. *Izv. vys. ucheb. zav.*, prib. 10 no. 9:45-49 '67.
- Manovisev, A. P.** [Introduction to digital radiotelemetry]. *Vvedenie v izivronu radiotelemetriu.* Moskva, Energiya, 1967 342 p.

621.4 INTERNAL COMBUSTION AND OTHER SPECIAL ENGINES

- [Aircraft and rocket engines] Ref. zhur.: Av. 1 raket, dvlg.** nos. 10-12 N-D '67.
- [Dynamics of mine turbomachines and their networks].** *Voprosy dinamiki shakhtnykh turbomashin i ikh setei.* Tbilisi, Metsnereba, 1967. 153 p.
- Effect of structural parameters of a piston engine on thermodynamic losses of active heat.** E. M. Mageramov. *Za tekhn. prog.* 7 no. 10:42-44 O '67.
- Experience in the repair of STD 48 "Zuf'laer" diesel engines.** V. Samusenko, V. Sorokin. *Mor. flot.* 27 no. 11:33 N '67.
- Fiftieth anniversary of Soviet power generating machinery industry.** P. O. Silyi. *Energomashinostroenie* 13 no. 10:1-5 O '67.
- [Heat engineering] Ref. zhur.: Teploenerg.** no. 11 N '67.
- Increasing the reliability of bearing bushings in diesel locomotive engines.** N. A. Malozemov, V. F. Novikov. *Trudy RIIZIT* no. 54:48-51 '66.
- Large single-shaft water-trean cycle turbine units.** A. A. Kanaev and others. *Energomashinostroenie* 13 no. 10:30-34 O '67.
- Mechanization and automation of welding operations in manufacturing sectional large vessels.** A. K. Dubitskii. *Svar. prozv.* no. 6:38-41 Je '67.
- Present state and prospects of expanding power plants of marine transportation vessels.** B. M. Levin. *Trudy TSNIIMF* 13 no. 8:1-3-10 '67.
- Serving the electrification of the land of the soviets.** P. S. Chernyshev. *Energomashinostroenie* 13 no. 10:6-11 O '67.
- Study of static stresses in the crankshaft of a two-cylinder piston engine.** N. L. Klyachkin, A. I. Dzhyavakhia. *Uch. zap. Ulan. gos. ped. inst.* 20 no. 4:290-310 '66.
- Volumeetric control of compression chambers in type D100 engines.** S. M. Shapshal. *Trudy RIIZIT* no. 54:52-56 '66.

621.43 INTERNAL COMBUSTION ENGINES

- Advisability of air filtration at the entrance of the compressor of a gas turbine plant.** I. A. F. Nosik. *Trudy TSNIIMF* 13 no. 8:86-92 '67.
- Aerodynamics and heat emission of a circular turbulent air jet at the initial section of a pipe.** A. V. Sudarev. *Energomashinostroenie* 13 no. 9:7-10 S '67.
- Applying general methods of the theory of reliability to the analysis of the technical operation of marine diesels.** V. I. Vinogradov. *Trudy TSNIIMF* 13 no. 8:25-37 '67.
- Applying the method of standard parameters in testing and designing marine power plants.** L. V. Savinov. *Trudy TSNIIMF* 13 no. 8:11-19 '67.
- Calculating the work cycle of a free-piston gas generator.** V. I. Val'kov. *Energomashinostroenie* 13 no. 9:15-19 S '67.
- Determining corrosive action of the combustion products of gas turbine fuels.** B. I. Komarov and others. *Trudy VNI NP* no. 10:140-151 '67.
- Determining the characteristics of free piston gas generators by the method of standard parameters.** M. N. Kniazev. *Trudy TSNIIMF* 13 no. 8:20-24 '67.
- Determining the temperature field in cross section of an air-cooled blade.** A. G. Zenukov. *Izv. vys. ucheb. zav.*, tekhn. 10 no. 3:52-60 '67.
- Development of turbines in the Turbomotor Factory.** D. P. Buzin. *Energomashinostroenie* 13 no. 10:22-27 O '67.
- Effect of characteristics of control systems on the efficiency of the main geared turbine during ship movements on rough seas.** S. B. Akseil'rod, V. B. Lipia. *Trudy TSNIIMF* 12 no. 80:107-113 '67.
- Effect of starting parameters on the initial starting speed of OS-34 free-piston gas generators.** E. A. Aniskovich, N. N. Kniazev. *Trudy TSNIIMF* 13 no. 8:71-77 '67.

Engine heat stress indicator V. V. Shebagin and others.

- Energomashinostroenie* 13 no. 9:43-44 S '67.
- Experimental calculation technique for studying power exchange fluctuations in the parallel operation of a diesel generator with a network.** V. I. Tolstina, B. I. Bolotin. *Energomashinostroenie* 13 no. 9:38 S '67.
- Experimental study of the characteristics of a sectional mazut heater.** N. V. Burda, L. M. Tsurul'nikov, G. K. Krasnoselov. *Energomashinostroenie* 13 no. 9:13-15 S '67.
- First Russian steam-gas system with discharge of gases into a boiler.** D. V. Litvinov, V. P. Bezlepkin, R. G. Budagan. *Energomashinostroenie* 13 no. 10:34-36 O '67.

[Internal combustion engines] Ref. zhur.: Dvlg. vnutr. sgor. nos. 10-11 N '67.

- Manufacture of gas turbines in the V. I. Lenin Machine Building Plant in the Neva.** *Energomashinostroenie* 13 no. 10:15-19 O '67.
- Manufacture of Russian diesel engines during the past 50 years of Soviet Power.** V. I. Balakin and others. *Energomashinostroenie* 13 no. 11:17-21 N '67.
- Manufacture of weldments for ship diesel engines.** Z. I. Klimovskii, L. I. Adamenko. *Avtom. svar.* 20 no. 11:54-56 N '67.
- Mathematical simulation of the operation of the gas turbine supercharge systems of multicylinder four-stroke motors.** L. A. Samsonov. *Energomashinostroenie* 13 no. 9:10-22 S '67.
- A method for constructing the profile of the supersonic ducts of turbine motor nozzles using tables.** M. A. Kazak, N. E. Prokop'ev, Z. G. Bocharova. *Energomashinostroenie* 13 no. 11:47-49 N '67.

Necessity of testing the quality of piston rings by the loss of their elasticity. I. I. Kozhinskii. Avt. prom. 33 no. 9:8-9 S '67.

- New material for fuel and oil filtration.** V. D. Arshinov, E. P. Chernyshev. *Avt. prom.* 33 no. 9:8-11 S '67.
- A partial case of the balancing of a V-8 engine.** V. I. Vakhitov, B. M. Kercher, O. D. Savran. *Avt. prom.* 33 no. 9:3-5 S '67.
- Regularity of the breakdown of parts of marine Sulzer 9R190 low-speed high-power diesels on "Lischansk"-type motorships.** L. A. Likver, *Trudy TSNIIMF* 13 no. 8:38-48 '67.
- Sectional combustion chamber of the GT-8-750 gas-turbine system.** D. V. Lobanov, V. L. Smil'man, Z. M. Sviatskii. *Energomashinostroenie* 13 no. 11:41-43 N '67.
- Selecting parameters of a low-power partial stage.** A. G. Kurzon, V. D. Levenberg. *Izv. vys. ucheb. zav.*, av. tekhn. 10 no. 3:68-74 '67.
- Serial three damper combustion chamber manufactured by the Neva Machine-Building Plant operating on natural gas.** V. M. Veselovskii, V. A. Mnov, A. V. Sudarev. *Energomashinostroenie* 13 no. 11:44-47 N '67.
- Studying wear and scale formation in cylinders of marine low-speed diesels depending on oil dosage.** L. G. Ginzburg, T. L. Vinogradov, L. A. Deriugina. *Trudy TSNIIMF* 13 no. 8:12-20 '67.
- Testing gas turbine filters in feed systems of motor vehicles.** K. V. Rybakov, L. G. Roznik, A. A. Gureev. *Avt. prom.* 33 no. 9:11-13 S '67.
- Testing the GT-3.5 locomotive gas turbine motor.** E. I. Nesterov, V. M. Sosnovskii. *Energomashinostroenie* 13 no. 10:22-24 S '67.
- Theoretical cycle of a diesel engine.** B. M. Gonchar. *Energomashinostroenie* 13 no. 11:35-38 N '67.
- Wet corrosion in working cylinders of marine diesels.** T. L. Vinogradov. *Trudy TSNIIMF* 13 no. 8:54-61 '67.

621.43(477)—Ukrainian S.S.R.

- Preliminary calculations should be done carefully.** M. Maslak, D. Kili'berg, V. Sidorov. *Sots. trud* 12 no. 10:60-61 O '67.
- Work experience of the party organization of the "October Revolution" Diesel Locomotive Plant in Lugansk in organizing the competition of communist labor groups for improving the quality of production.** D. A. Harkova-kyl. *Nauk. pratsi z ist. KPUS* no. 8:71-81 '66.

621.5 PNEUMATIC ENERGY. MACHINES. REFRIGERATION. HEAT PUMPS

- Air curtains for outer doors of cold storage warehouses.** V. V. Bogoliubov. *Khol. tekhn.* 44 no. 12:37-38 D '67.
- Basic trends of scientific research, experimental design and planning works for the development of the production and technical basis of the meat and dairy industry.** *Khol. tekhn.* 44 no. 12:1-3 D '67.
- Centralized production of nonstandard refrigerating equipment.** N. I. Volkov, M. I. Rozov. *Khol. tekhn.* 44 no. 12:39 D '67.
- Characteristics of air conditioning for pneumatic mail kins with movable beds.** V. I. Popov. *Ferm. i spalt. prom.* 33 no. 7:9-13 '67.
- [Chemical and refrigeration machinery manufacture] Ref. zhur.: Khim. i khol. mashinost.** no. 11 N '67.
- Predmetnyi ukazatel' za 1966 [Subject index for 1966].** Conference on the quality of household refrigerators. *Khol. tekhn.* 44 no. 12:46-47 D '67.
- Criterional equation for the diameter of drops in the dispersion of liquids with a pneumatic sprayer.** V. I. Smirnov. *Izv. vys. ucheb. zav.*, tekhn. tekhn. prom. no. 5:130-133 '65.
- Domestic compressor equipment for the petroleum production industry.** M. M. Khushpulan. *Mash. i nef. obr.* no. 11:22-25 '67.

621.5 (Continued)

Effect of conditions of the freezing and storage of semi-finished meat products on the losses of juice during thawing. V. S. Ro-tovskii, A. M. Danilov. Khol. tekhn. 11 no. 12 31-36 D '67.

Fastovskii, V. G., IU. V. Petrovskii, and A. E. Rovinskii. [Cryogenics] Kriogenika (tekhnika). Pod red. V. G. Fastovskogo. Moskva, Energiya, 1967 414 p.

Heat characteristics of a compressor duct cooling system under variable operating conditions. D. G. Zamkov. Trudy TSNIIMF 13 no. 81-93-97 '67.

Improvement of the pneumatic-electric unit. I. I. Novitskii. Bim. prom. no. 12 19 D '67.

Intensification of the cooling process decreases meat losses. A. Sheffer, A. Stachan. Miro i SSSR 38 no. 12 9-13 D '67.

Method for designing a preliminary axial stage of a condensate pump. N. S. Iakovlev. Energiya i mashinostroenie 13 no. 11 19-22 N '67.

New characteristics of the thermodynamic properties of freons. I. S. Badol'tskes. Khol. tekhn. 41 no. 12 22-27 D '67.

New hermetic compressors for air conditioners. B. D. Rudkozub. Khol. tekhn. 41 no. 12 8-13 D '67.

Quick-action freezers for fish freezing on ships. A. G. Ionov, G. F. Kashin. Khol. tekhn. 41 no. 12 27-30 D '67.

Recommendations for planning the automation of refrigerating plants. Khol. tekhn. 41 no. 12 40-45 D '67.

Seminar on "New trends in refrigeration technology and air conditioning." Khol. tekhn. 41 no. 12 46 D '67.

Simplified method of calculating the period of movement of a piston in pneumatic machines with low piston-sweep volume. I. M. Elimechkin, A. P. Kukushkin. Trudy LPI no. 284 53-57 '67.

Standardization of dimensional-control pneumatic devices is an urgent task. A. V. Vysotskii, A. P. Kuzochkin, F. V. Tsidulko. Izv. tekhn. no. 10 30-31 O '67.

Situational hydraulic compressors. V. I. Popov. Khol. i neft. mashinost. no. 10 16 O '65.

Study of the start and run of the vent in a gas jet. V. P. Lubovitskii. Izv. v. s. ucheb. zav. tekhn. tekhn. prom. no. 5 149-151 '65.

System for recording diagrams of gas pressure in piston ring grooves of a working compressor. T. A. Levin. Khol. i neft. mashinost. no. 10 5-6 O '65.

Tubular-type ice generator. A. V. Vainer, S. K. Kharlam, A. S. Romenov. Khol. tekhn. 41 no. 12 18-22 D '67.

Twelfth International Congress on Refrigeration. Khol. tekhn. 41 no. 12 48-50 D '67.

Using composition brake shoes on rolling stock. N. I. Rominovskaya, I. V. Romanovskii, V. L. Darmostuk. Gor. zhur. 142 no. 5-6 5-6 M '67.

Vertical circulation damping receivers. A. I. Shuvalov. Khol. tekhn. 41 no. 12 55-58 D '67.

621.5(431)—German Democratic Republic

Air conditioners produced by plants of the German Democratic Republic. N. A. Barulin. Khol. tekhn. 44 no. 12 51-51 D '67.

621.5(471.310)—Moscow City

Automatic unit producing edible tube ice at the Moscow Cold Storage Warehouse No. 9. G. P. Popov and others. Khol. tekhn. 41 no. 12 14-18 D '67.

621.5(478)—Moldavian S. S. R.

Refrigeration in the canning industry of the Moldavian S. S. R. V. P. Valeiko. I. hol. tekhn. 44 no. 12 6-7 D '67.

621.5(479.25)—Armenian S. S. R.

Development of the refrigeration economy of the Armenian S. S. R. L. S. Khachatryan. Khol. tekhn. 41 no. 12 4-5 D '67.

621.6 FLUID DISTRIBUTION. STORAGE CONTAINERS. PIPES. PUMPS

Analyzing failures and breakdowns in pipelines. I. G. Gurnarov and others. Neft. Khoz. 15 no. 9 61-64 S '67.

Automation of individual pumps with low-voltage motors. I. A. Virakhovskii. Gor. zhur. 142 no. 5 50 M '67.

Basic achievements in the building of underground gas storage reservoirs. V. N. Raaben. Gaz. prom. 12 no. 11 32-35 N '67.

Building underground storage reservoirs of liquid hydrocarbons in salt deposits containing a layer of insoluble rocks. G. V. Belotserkovskaya, E. A. Belotserkovskii. Neft. khoz. 45 no. 12 46-48 D '67.

Constructing characteristics of a ventilation system with two jointly working fans. N. M. Ershov. Nauch. trudy KNIIE no. 7 306-310 '63.

Dependence of friction in the packing of a mud pump on the fluid velocity and pressure. V. I. Roshchupkin, O. I. Verzhik. Khim. i neft. mashinost. no. 10 7-10 O '65.

Development of petroleum production using sucker rod pumps. I. IU. Prok. Neft. prom. delo no. 11 36-40 '67.

Experimental study of pressure losses due to local resistances occurring in process pipelines. S. A. Abdurashitov, I. A. Zhdanov. Neft. khoz. 45 no. 9 64-67 S '67.

From work practices with EVK ejector pumps in ore mines of the Northern Urals. V. V. Danchich, B. M. Timofeev. Gor. zhur. 142 no. 5 66-67 M '67.

Improving the equipment for the storage of pulverized materials in the Donetsk Basin coal mines. M. S. Lunetskii. Ugol' Ukr. 11 no. 7 25-26 JI '67.

Outflow of a fluid from a container with the formation of a cone. V. E. Tokarev. Izv. v. s. ucheb. zav. tekhn. 10 no. 3 89-95 '67.

Possibility of using an algorithm of a transport problem for computing the flow distribution in pipeline networks. G. D. Rakhmanov, F. B. Sgorovchik. Izv. AN SSSR, Energ. i transp. no. 6 31-36 N-D '67.

Properties of a centrifugally cast KhN30MBYTUR alloy. V. M. Il'ichev, E. IA. Lenzinskii. Metall. i term. obr. mat. no. 11 72-74 N '67.

Ranges of efficient use for different types of gas pumping units. S. V. Karpov, Z. T. Galilulin, I. F. Khodanovich. Gaz. prom. 12 no. 11 28-31 N '67.

Simple calculation of an intrasystem settling tank. Ch. G. Gachiev. Za. tekhn. prog. 7 no. 8 35-37 Ag '67.

Stonimer, B. M. [Assembly and use of glass pipelines] Montazh i ekspluatatsiya steklyannykh truboprovodov. 2. izd., dop. Moskva, Stroiizdat, 1967 182 p.

Study of the cavitation characteristics of the combined stage of a condensation pump. N. S. Iakovlev. Energiya i mashinostroenie 13 no. 9 11-12 D '67.

Subsurface electric pumps used in petroleum production. A. A. Bogdanov. Neft. prom. delo no. 11 26-29 '67.

Testing and improving circulation fans for bell furnaces. E. V. Enkov, A. D. Dmitrov, A. N. Pekker. Stal' 27 no. 11 1051-1053 N '67.

Testing explosionproof ventilators. S. S. Gieskin, N. G. Kocheliga. Khim. i neft. mashinost. no. 10 37-38 O '65.

Two types of adsorptive pump. M. V. Gnuchev, I. N. Rozanov. Trudy LPI no. 285 43-46 '67.

Using soft elastic containers in petroleum industry. K. A. Bairak, B. A. Belykh, M. S. Slutskii. Neft. khoz. 45 no. 9 59-61 S '67.

621.6(575.1)—Uzbek S. S. R.

Beautiful layer. D. Kucherenko. Ekos i zhizn' no. 7 51-55 '67.

621.7 WORKSHOP PRACTICE. PLASTIC WORKING, FORMING

Analysis of experimental current curves of current and voltage of a welding generator with commercial frequency. C. K. Popov, P. I. Ostankov, I. I. Mikhalkin. Trudy Ural'sk. politekh. inst. no. 137 141-146 '67.

Automatic regulation of the size of head ends of ingots being cropped. L. P. Stychinskii and others. Metallurg 12 no. 6 29-30 Je '67.

Automation of the manufacture of rolled products in the U. S. S. R. R. V. Liambakh. Metallurg 12 no. 6 24-27 Je '67.

Certain characteristics of dynamic hot compaction of metallic powders and chips. I. U. G. Dorofeev, D. I. Krut'ko. Porosh. met. 7 no. 12 25-27 D '67.

Deformation of anisotropic materials with hardening. K. N. Bogdanovskii, A. K. Grigor'ev, V. V. Ris. Trudy LPI no. 287 23-28 '67.

Deposition of copper alloys on steel by means of a constrained jet with a current-carrying wire filler. I. U. Krasulin, A. I. Vainerman, M. Kh. Shorshorov. Svar. proizv. no. 6 5-7 Je '67.

Determining certain qualitative indices of gear efficiency. L. I. Bleishmidt, D. Cherkobit. Trudy LPI no. 285 68-70 '67.

Determining the rigidity of circular plates with squeezed-out edges. V. I. Ugol'nikov and others. Gos. elektromekh. i avtom. no. 8 106-111 '67.

Device for testing the cleanliness of the inner surface of a barrel. V. I. Panovuk, B. IA. Chernenko, Lakokras. mat. i kh. prom. no. 4 69 '67.

Device for welding a metal bellows. M. A. Mikhalev. Khim. i neft. mashinost. no. 10 39 O '65.

Effect of a concentrated flow of energy on materials. I. U. Krasulin, N. N. Ryzalin, M. Kh. Shorshorov. Fiz. i khim. obr. mat. no. 4 5-10 JI-Ag '67.

Equipment for powered brushing and coating of ingot molds. L. N. Gorodetskii. Metallurg 12 no. 6 22-24 Je '67.

Forging the hinge cam of the left turning cam. R. P. Vlasov, E. K. Romashkin. Avt. prom. 33 no. 9 25 S '67.

Investigating radio wave transducers for controlling production processes in mining industry. L. G. Sokalo, A. A. Vorob'ev, V. S. Shaposhnikov. Gor. elektromekh. i avtom. no. 8 89-94 '67.

Manufacture of welding wire from KhN60M high-nickel alloy. I. U. N. Gotal'skii and others. Avtom. svar. 20 no. 11 57-59 N '67.

Mechanism of plastic deformation in high-speed impact loading. V. M. Volchikov, Z. M. Gelunova, F. O. Pashkov. Fiz. i khim. obr. mat. no. 4 101-107 JI-Ag '67.

New developments in research. I. U. E. Kovalenko and others. Stal' 27 no. 11 1058 N '67.

Possibility of making forgings from 15Kh2N4A and 18KhN4A steels using thermomechanical treatment. A. P. Atrashenko and others. Trudy LPI no. 287 70-82 '67.

Powder wires with compound sections. V. P. Pataekin and others. Avtom. svar. 20 no. 11 60-62 N '67.

Selecting cutter head parameters in the cutting of semi-angular hypoid gear. I. U. I. Shurygin. Trudy LPI no. 285 67-67 '67.

Selecting the composition of a solution for cold paring of wire prior to dry drawing. V. IA. Zubarev and others. Stal' 27 no. 11 1054-1055 N '67.

Semimatic assembly line. A. F. Krivanov and others. Metallurg 12 no. 6 31-32 Je '67.

Stamp for simultaneous punching of two oval orifices. A. F. Cherkasov. Khim. i neft. mashinost. no. 10 16 O '65.

Stop-loss utilization of the heat of natural gas in the metalworking industry. V. N. Gungor'ev. Gaz. prom. 12 no. 11 36-42 N '67.

Surface roughness after shot blasting. A. S. Pichon. Lakokras. mat. i kh. prom. no. 4 33-36 '67.

Third Session of the Scientific Council on the problem of "New processes of producing and working metal materials." B. S. Vishniakov. Fiz. i khim. obr. mat. no. 4 156-157 JI-Ag '67.

Unit for washing parts and units in repairing equipment. V. V. Semenov. Biul. tekhn. i ekon. inform. Gos. nauch. issl. inst. nauch. i tekhn. inform. 20 no. 11 16-17 N '67.

621.7(476)—White Russian S. S. R.

Information on operational methods is necessary. E. Kupritskii. Prof. tekhn. obr. 21 no. 5 13 M '67.

621.7(575.1)—Uzbek S. S. R.

Nonwoven materials and cotton. V. Vasil'kov. Ekos i zhizn' no. 7 94 '67.

621.72 PATTERN AND DIE MAKING

Painting of plastic patterns. N. N. Vel. Lit. proizv. no. 3 32 M '67.

621.73 FORGES, FORGE AND HAMMER WORK

Forging turbine blade blanks with minimal tolerances. I. A. Mitakovich, K. N. Rogozhnikov. Trudy LPI no. 287 110-115 '67.

Improving the technological process of forging electrical nickel alloy ingots. B. N. Kazarinov and others. Teori. i prakt. met. no. 8 138-143 '66.

Limits of applicability of certain formulas for calculating specific pressures in pressure working. S. M. Pavlov, I. V. Kostai'ev. Izv. v. s. ucheb. zav. tekhn. tekhn. prom. no. 10 96-99 '67.

Methodology in comparative analysis of precision in machining. L. V. Khudobin, A. P. Tsukhlov. Uch. zap. Ulan gos. ped. inst. 20 no. 1 211-250 '66.

Properties of the metal of cast forging dies. A. A. Ryzhikov, L. D. Soikina. Uch. zap. Ulan gos. ped. inst. 20 no. 4 259-256 '66.

Sokolov, N. L. [Extrusion of steel parts] Goriachaya slampovka vydvizivaniem stal'nykh detalей. Moskva, Mashinostroenie, 1967 189 p.

Studying forging forces on a crank press in making special steel forgings with the use of thermomechanical treatment. A. P. Atioshenko and others. Trudy LPI no. 281 82-101 '67.

Theory of plasticity and development in the U. S. S. R. of progressive methods of metal working by pressure during the last 50 years. Izv. v. s. ucheb. zav. tekhn. tekhn. prom. no. 10 10 44-49 '67.

Using the upper limit method to solve an axially symmetric problem of extrusion with forced movement of the container. I. A. M. Okhimenko, B. L. Belezir. Izv. v. s. ucheb. zav. tekhn. tekhn. prom. no. 10 106-111 '67.

Welding titanium with steel during simultaneous upsetting. V. S. Smirnov, A. A. Aleksandrov. Trudy LPI no. 287 5-8 '67.

621.74 FOUNDRIES, FOUNDRY WORK

Anisimov, N. F., and B. N. Blagov. [Designing cast parts; a handbook] Proektirovaniye litnykh detalей, spivavchik. Moskva, Mashinostroenie, 1967 272 p. (Biblioteka konstruktora)

Casting bronze bushings in aluminum chill molds. I. S. Zaretskii, V. R. Ryzhikov, V. V. Tarasov. Avt. prom. 33 no. 9 22-24 S '67.

Casting large bushes of BrA13M15 10-3-1, 5 bronze in conditions of piece production. M. T. Iakovlev, A. A. Vasil'ev, V. V. Smirnov. Lit. proizv. no. 3 39-40 M '67.

Centralized "Tsentrallit" foundries, a basis for the mechanization and automation of foundry. M. F. Fedotov. Mekh. i avtom. proizv. 21 no. 11 18-22 '67.

Centrifugal casting of OKh3NiOT steel flanges. G. S. Mirzozian, V. G. Tiniakov. Lit. proizv. no. 3 37 M '67.

Chill casting of half-weight for pipeline sinking. Kh. A. Seppel. Lit. proizv. no. 3 39 M '67.

Classification of molds and cores. M. N. Sosnenko. Lit. proizv. no. 3 42-43 M '67.

Degree of mold filling and density of castings in low pressure die casting of panel-type aluminum alloys. A. A. Ryzhikov, A. I. Mergold, G. I. Timofeev. Lit. proizv. no. 3 21-22 M '67.

Economic and mathematical model of production (on the example of iron founding). G. E. Edel'gauz and others. Trudy LPI no. 64 144-175 '67.

Economy of producing castings by the precision casting method. N. I. Tsul'ko, V. M. Livshits, N. A. Volynskii. Lit. proizv. no. 3 31 M '67.

Effect of cerium and lanthanum on white structure formation in cast iron. A. E. Krivosheev and others. Lit. proizv. no. 3 14-17 M '67.

Effect of gating system elements on the quality of the metal. V. P. Doronin. Lit. proizv. no. 3 28 M '67.

- Effect of lubricants in die casting of aluminum alloys. L. E. Kisilenko, V. N. Gudina, K. U. Komarova. Avt. prom. 33 no. 9-29-32 S '67.
- First conference of foundry properties of alloys. I. U. A. Nekhendzi and others. Lit. proizv. no. 3 13-3 of cover. M. '67.
- Casting system for chill casting of a tractor piston of the AlNiSi alloy. V. N. Shilapin, P. G. Berczin. Lit. proizv. no. 3 37-38 Mr '67.
- High-pressure pumps for the hydroblasting of castings. B. G. Ginzberg and others. Lit. proizv. no. 3 13-14 Mr '67.
- Horizontal casting. A. Rukovichnikova. Okhr. truda i sots. strakh. 10 no. 12 12-13 D '67.
- Impermeability of AlSi alloy castings. P. P. Berg, E. B. Giotov. Lit. proizv. no. 3 26-28 Mr '67.
- Jolting mechanism with complete damping of shocks. V. I. Gorchikov and others. Lit. proizv. no. 3 9-12 Mr '67.
- Letter to the editors. L. A. Izraelovich. Lit. proizv. no. 3 43 Mr '67.
- Making large castings. I. R. Krianin. Fiz. i khim. obr. mat. no. 4 157-159 Ji-Ag '67.
- Measuring diagrams to calculate the accuracy of castings. N. P. Sergichev. Lit. proizv. no. 3 5-8 Mr '67.
- Mechanizing the feeding of mold and core mixtures into flasks and core boxes. S. I. Rivkin, B. F. Milevskii. Lit. proizv. no. 3 34-35 Mr '67.
- Melting pig iron in cupola furnaces with the use of "thermoanthracite" briquets. G. K. Mitoshevichenko, D. M. Svetlichnyi, I. U. A. Zheborskii. Lit. proizv. no. 3 4-5 Mr '67.
- Mixer for the preparation of a refractory suspension. V. A. Kamintsev. Lit. proizv. no. 3 31-32 Mr '67.
- New drum-type electromagnetic iron separator. K. I. Vashchenko and others. Lit. proizv. no. 3 12-13 Mr '67.
- Nonmetallic inclusions in magnesium cast iron made in chill molds. E. B. Slutskan. Lit. proizv. no. 3 29-30 Mr '67.
- Optimum chemical composition of silicon brass for pressure casting. I. U. G. Goncharenko. Lit. proizv. no. 3 36 Mr '67.
- Physical meaning of the information obtained in recording the radiation from the converter flame. K. S. Gaiget, V. D. Umnov. Izv. AN Kazakh. SSR, Ser. fiz.-mat. nauk. no. 2 29-31 Mi-Ap '67.
- Properties of a centrifugally cast KhN63Mn2Ti alloy. V. M. Ufeyev, E. A. Levinskii. Metalloved. i term. obr. mat. no. 11 72-74 N '67.
- Quick-drying core mixtures with freely available binders. F. I. Kotik. Lit. proizv. no. 3 32-34 Mr '67.
- Reducing the sticking of soluble glass mixtures. A. A. Semov. Lit. proizv. no. 3 32 Mr '67.
- Theory and design of the process of mold pouring for vertical thin-walled castings with bottom metal feed. A. R. Rabinovich. Lit. proizv. no. 3 22-26 Mr '67.
- Thermal expansion of the mold material as one of the reasons for the preheating expansion of castings. V. R. Balinskii, V. P. Chernobrovkin. Lit. proizv. no. 3 18-19 Mr '67.
- Thermodynamic analysis of reactions in soluble glass molds. I. V. Valskovskii. Lit. proizv. no. 3 19-20 Mr '67.
- Use of vibration for the preparation of molding mixtures. P. F. Ovchinnikov and others. Lit. proizv. no. 3 8 Mr '67.
- Weight accuracy of large steel castings. V. E. Bezuchaychyni and others. Lit. proizv. no. 3 1-2 Mr '67.

621.74(471.61)—Rostov Province

- Good organization, regularity, cleanliness. A. Kornin. Sots. trud. 12 no. 12 85-93 D '67.

621.75 TOOL MAKING, GAUGING, FITTING, ASSEMBLING

- Profiling disk cutters used for the machining of a half-cold with double turn of the axis of the tool spindle. I. P. Bernatskii, V. P. Obmornov. Trudy LPI no. 285 47-52 '67.
- Roughness of joined surfaces and the strength of the joint with guaranteed tightness at their assembly with vibratory-pulse tools. N. R. Guseinova. Za tekh. prog. 7 no. 10 34-35 S '67.
- Sergeev, M. A. [Manual of an assembling fitter] Spravochnik slesari i shornichnika. Pod red. V. A. Bilumborga [Leningrad] Lentsdat, 1967 447 p.

621.75(471.310)—Moscow City

- Automation of assembly work. V. K. Zhuravlev. Mekh. i avtom. proizv. 21 no. 11:26-30 '67.
- Improve accounting for waste in production. N. Uralnov. Bukh. uch. 26 no. 8:13-15 Ag '67.

621.762 POWDER METALLURGY

- Certain characteristics of dynamic hot compaction of metallic powders and chips. I. U. G. Dorofeev, D. I. Krutin. Porosh. met. 7 no. 12:25-27 D '67.
- Deformability of sintered glass-metal materials. A. F. Bolovan and others. Porosh. met. 7 no. 12 70-73 D '67.

- Making use of selenium semifinished products for the production of iron-selenium additional alloys. L. M. Kabanova, V. G. Dobosh. Teor. i prak. met. no. 8 233-237 '66.
- New method of electrolytic production of pure iron powder. B. P. Ush'ev, L. S. Granina. Porosh. met. 7 no. 12 1-9 D '67.
- Plasma processes for the production of spherical high-melting material powders. A. B. Gukina and others. Fiz. i khim. obr. mat. no. 4 40-45 Ji-Ag '67.
- Porosity relation to pressure during powder pressing and the probability character of the compaction law. N. F. Kunin, B. D. Ushchenko. Porosh. met. 7 no. 12 19-21 D '67.
- Problems of production organization and economics in powder metallurgy. V. V. Zborovskii, V. S. Tshkalenko, I. U. A. Fridman. Porosh. met. 7 no. 12 89-97 D '67.
- Studying conditions of sintering lanthanum hexaboride products. V. E. Shliuko, L. V. Cherniak. Porosh. met. 7 no. 12 41-45 D '67.
- Studying regularities of air flow through porous materials of dendritic powders. I. M. Fedotchenko and others. Porosh. met. 7 no. 12 52-57 D '67.
- Studying the process of atomizing bronze by air. O. S. Nikiporenko. Porosh. met. 7 no. 12 10-14 D '67.
- Studying the sintering of ceramic metal iron-silicon alloys with 8.5% Si. G. K. Bandur, V. V. Terletsii, S. V. Bronin. Porosh. met. 7 no. 12 29-32 D '67.

621.77 ROLLING

- Behavior of a continuous mill under the effect of periodic irregularities. V. N. Vydin, A. S. Fedosienko. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 178-182 '67.
- Bilateral cladding of steel by titanium. V. S. Smirnov, A. A. Aleksandrov. Trudy LPI no. 287 9-14 '67.
- Causes of the nonuniform distribution of torque between cogging mill rolls. L. V. Andreiuk, V. F. Antipov. Teor. i prak. met. no. 8 123-138 '66.
- Characteristics of rolling iron and its alloys with an oriented texture. V. D. Dumev. Trudy LPI no. 287 58-60 '67.
- Contact stresses and deformation forces during the rolling of spiral part sections. V. V. Lapin. Trudy LPI no. 287 37-46 '67.
- Distribution of specific friction forces on the contact surface during rolling. A. P. Chekmarev, I. I. Onishchenko. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 112-116 '67.
- Effect of technological parameters of rolling on the coefficient of the arm of the resultant of metal pressure on rolls. A. K. Gigor'ev, O. I. A. Melnichuk. Trudy LPI no. 287 60-66 '67.
- Grooving sections of rims for GAZ-66 automobile wheels. B. M. Blukovich. Stal' 27 no. 11:1024-1026 N '67.
- Heat exchange between metal being rolled and the rolls in the deformation zone. A. I. Chernogolov, V. I. Shilov. Trudy Inst. met. no. 13:136-140 '66.
- Investigation of spreading in ingot rolling on the 1150 slabbing mill. M. I. Kapastina and others. Stal' 27 no. 11:1020-1023 N '67.
- Limits of applicability of certain formulas for calculating specific pressures in pressure working. S. M. Popov, I. V. Kostarev. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 88-89 '67.
- Measuring the tension of the strip on the cold rolling twenty-high roll mills. V. P. Tananakin and others. Stal' 27 no. 11:1026-1027 N '67.
- New developments in research. B. D. Zhukovskii and others. Stal' 27 no. 11:1031-1033 N '67.
- New developments in research. N. P. Zhatvin, A. A. Dobrokhotov, I. U. N. Tuluevskii. Stal' 27 no. 11:1027-1028 N '67.
- New developments in research. P. I. Popov. Stal' 27 no. 11:1053 N '67.
- New developments in research. V. F. Isupov and others. Stal' 27 no. 11:1061 N '67.
- New developments in research. V. F. Isupov, M. A. Moroz. Stal' 27 no. 11:1059 N '67.
- Optimum reduction during rolling on blooming mills. L. V. Andreiuk, B. M. Korotkevich. Teor. i prak. met. no. 8 112-122 '66.
- Production of a newly designed working element for KhPT pipe mills. I. U. F. Shevakin and others. Stal' 27 no. 11:1020-1031 N '67.
- Rolling bimetal in an inert controlled atmosphere. A. I. Borisov and others. Trudy LPI no. 287 15-19 '67.
- Specific pressure during rolling with increasing reductions in cylindrical rolls. T. M. Golubev, P. P. Onishchenko, L. V. Morozov. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 117-120 '67.
- Strength calculations of working rolls on four-high hot rolling mills. V. A. Taganov, E. T. Malykh, I. U. V. Donikov. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 183-187 '67.
- Studying asymmetrical rolling in smooth rolls. V. I. Korzhakov. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 121-124 '67.
- Studying the feeding of a blooming mill and working out optimum rolling conditions. L. V. Andreiuk and others. Teor. i prak. met. no. 8 103-111 '66.
- Thermal and thermomechanical hardening of rolled products in the production flow of a metallurgical plant. K. F. Stalodubov. Metalloved. i term. obr. mat. no. 11 36-38 N '67.
- Ways for further quality improvement of railroad rails. V. V. Lemplskii, I. S. Trishchinskii, D. S. Kazanovskii. Stal' 27 no. 11:1015-1018 N '67.

621.78 HEAT TREATMENT

- Achievements in the field of heat treatment of rails. I. U. Gudina. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 132-139 '67.
- Bauschinger effect in hardened metals. I. A. Gladun, I. I. Bobonich, I. M. Nekhtedov. Upr. fiz. zhizn. 12 no. 7 1176-1179 Ji '67.
- Chemical and thermal treatment of metals with energy liberating pastes. V. I. Prosvirin, G. S. Lotmanov. Metalloved. i term. obr. mat. no. 11 68-71 N '67.
- Design of a cathode block in an electron beam unit for the heat treatment of metal strips. A. F. Gagen, V. E. Kochnov. Teor. i prak. met. no. 8 224-228 '66.
- Effect of heat treatment on the relaxation resistance of austenitic steels. L. N. Salakhova, A. M. Bozdyka. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 145-148 '67.
- Effect of the initial temperature of base metal on the properties of welded joints. S. A. Ostrovskaya. Avtom. svar. 20 no. 7:1-5 Ji '67.
- Fifty years of progress in the metallography and heat treatment of metals and alloys. M. B. Bernstein and others. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 51-58 '67.
- Gain growth and changes in magnetic properties during secondary recrystallization of cold rolled transformer steel. V. L. Kochnov, R. B. Geshman, S. M. Vasil'eva. Teor. i prak. met. no. 8 160-173 '66.
- Heat exchange in nonmetal metal heating furnaces. A. I. Vashchenko and others. Metalloved. i term. obr. mat. no. 11 48-50 N '67.
- Increasing the strength of disks for turbo pump units made of the EI137BU alloy by the method of hardening heat treatment. A. P. Atroshenko and others. Trudy LPI no. 287 83-91 '67.
- New developments in research. A. A. Khudon'kikh and others. Stal' 27 no. 11:1041-1042 N '67.
- Quenching properties of molten salts and alkalis containing water. V. N. Biriukova. Metalloved. i term. obr. mat. no. 11 58-62 N '67.
- Studying forging forces on a chain press in making special steel forgings with the use of thermomechanical treatment. A. P. Atroshenko and others. Trudy LPI no. 287 92-101 '67.
- Studying the strain aging of austenitic steel U36XII. V. T. Sukhovarov, I. U. A. Avazov, M. A. Bol'shagina. Izv. vys. ucheb. zav., fiz. 10 no. 9 54-65 '67.
- Thermal and thermomechanical hardening of rolled products in the production flow of a metallurgical plant. K. F. Stalodubov. Metalloved. i term. obr. mat. no. 11 36-38 N '67.
- The third scientific-technical conference on heating. V. N. Glushkov. Avt. prom. 33 no. 9 41 S '67.

621.79 VARIOUS OTHER KINDS OF METALWORK

- Scientific technical progress and its problems. M. M. Zhukovskii. Metallog. 12 no. 6:37-38 Je '67.
- Studying the effect of lubrication on the heading of cylinder necks by friction tools. V. G. Kapovovich. Trudy LPI no. 287 67-69 '67.
- Unit for opening framed boxes. S. M. Il'inov, S. M. Besov. Bul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 20 no. 11 20-21 N '67.

621.791 WELDING AND ALLIED TECHNIQUES

- Alloying the 30Kh2N2M high-strength steel welds without heat treatment. A. M. Makara, V. G. Gordiny, V. G. Vasil'ev. Avtom. svar. 20 no. 11 5-9 N '67.
- Automatic hard facing of bias with gaseous flux. G. A. Asinovaikala, L. I. A. Libanova, V. I. Kol'chev. Svar. proizv. no. 6 29-30 Je '67.
- Biological effect of, and protection from the radiations of optical quantum generators. A. A. Giodetskii, B. R. Kivichinskii. Avtom. svar. 20 no. 11:60-70 Ji '67.
- Calculating temperature cycles during the welding with a fast-moving source of a thin plate to a massive body. V. I. Makimenko, L. A. Petun, V. M. Shokola. Fiz. i khim. obr. mat. no. 4 81-86 Ji-Ag '67.
- Calculating the optimal basicity of ferrous flux. V. A. Utkov, V. I. Miller. Trudy Inst. met. no. 13 20-31 '66.
- Calculation of heating processes in the laser beam welding of metals. N. N. Rykalin, A. A. Uglov. Svar. proizv. no. 6 1-5 Je '67.
- Centralized supply of carbon dioxide from isothermal cylinders to welding stands. E. G. Fainshtein, I. U. G. Mosenits. Svar. proizv. no. 6 44-45 Je '67.
- Ceramic flux for thermally treated T75 steel. I. U. P. Kuz'min. Trudy MINKHIMP. no. 70 166-170 '67.
- Certain characteristics of spot cold welding. K. K. Khronov, V. I. Balakin. Avtom. svar. 20 no. 11:27-29 Ji '67.
- Changing the design of electromagnets on copying heads of ASP-1 gas-cutting machines. S. A. Astakhovskii, I. I. A. Voronetski. Svar. proizv. no. 6 45 Je '67.
- Chemical welding of plastics and rubber. L. B. Trostianka and others. Svar. proizv. no. 6 12-15 Je '67.
- Combined method for pressure microwelding. A. A. Rossoshinskii, V. D. Tabelev. Avtom. svar. 20 no. 11 35-38 N '67.
- Determining welding currents according to external characteristics of machines during resistance butt welding. N. A. Katsnel'son. Avtom. svar. 20 no. 11:70-71 N '67.
- Effect of condition parameters of electron beam welding on the effective capacity of the source. A. F. Khudyshchev. Fiz. i khim. obr. mat. no. 4 71-75 Ji-Ag '67.

- 621.731 (Continued)
- Effect of the welding process on the heat treatment of the metal of 1047 steel to intercrystalline corrosion. I. V. Ilyukhin and others. *Avtom. svar.* 20 no. 7:76-77 N '67.
- Effect of alloy and vibration strength of welded joints on the heat treatment of the metal. I. D. Veretnik and others. *Avtom. svar.* 20 no. 7:53-55 N '67.
- Electric modeling of thermal processes in resistance spot welding. I. N. Larkin. *Avtom. svar.* 20 no. 7:23-26 N '67.
- Equipment for welding of rods. G. A. Chernakov, I. A. Privalov. *Svar. proizv.* no. 6:41 Je '67.
- Equipment for decreasing stresses in welding generators. G. P. Ivar, I. D. Roman. *Avtom. svar.* 20 no. 11:77-78 N '67.
- Equipment for determining metal deformations and the temperature of crack forming in welds. D. M. Iabkin, V. G. Ignatiev. *Avtom. svar.* 20 no. 7:78-79 N '67.
- Equipment for diffusion bonding in glow discharges. V. I. Dvornik, I. I. Petelinikov. *Avtom. svar.* 20 no. 7:75 N '67.
- Equipment for manual and semiautomatic welding in inert gases. V. S. Golovchenko, V. V. Kuvakin, M. M. Moroshech. *Svar. proizv.* no. 6:46-47 Je '67.
- Equipment for the fusion of wire ropes. E. S. Sorokin. *Svar. proizv.* no. 6:48 Je '67.
- Evseev, G. B., and A. V. Tikhomirov. [Powder-oxygen cutting of concrete and reinforced concrete] Porozhkov-kislородная reza betona i zhelezobetona. Moskva, 1967. 25 p.
- Expansion of welding in the manufacture of automobiles. S. I. Husakov, A. I. Gulliaev. *Avtom. svar.* 20 no. 11:63-66 N '67.
- Experience in supplying welding workshops with carbon dioxide without the use of cylinders. N. N. Koliakin and others. *Svar. proizv.* no. 6:42-43 Je '67.
- Fatigue strength of welded crankshafts on large-sized diesel motors. N. M. Savina, P. I. Kudravytsev, I. B. Meerovich. *Svar. proizv.* no. 6:24-26 Je '67.
- First results. *Avtom. svar.* 20 no. 11:4-4 N '67.
- Flash butt welding of brass. A. A. Fofanov, I. S. Gordievskii. *Svar. proizv.* no. 6:11-32 Je '67.
- Gas heating of rolls during hard facing. V. A. Soroka, A. F. Fritov. *Avtom. svar.* 20 no. 7:34-37 N '67.
- Gintsburg, A. B. [New developments in the cutting and welding of metals] Novoe v rezke i svarke metallov. Alma-Ata, "Kazakhstan," 1966. 87 p. (Shkola pereodovogo opyta)
- Heat effectiveness in the process of welding with a c. plasma arc. D. A. Dudko, A. N. Kornienko. *Avtom. svar.* 20 no. 11:27-30 N '67.
- Improving the process of resistance butt welding of hot blanks. V. K. Lebedev, I. A. Chernenko. *Avtom. svar.* 20 no. 11:31-34 N '67.
- Increasing the output of dredging machinery with hard facing of their buckets. I. I. Frumin, V. V. Levin. *Avtom. svar.* 20 no. 11:46-50 N '67.
- Influence of technological factors on vinyl plastic joints made by the method of rodless welding. V. V. Bol'shakov, V. M. Astashkin. *Svar. proizv.* no. 6:36-38 Je '67.
- Influence of the surface plastic deformation on the microhardness of hard-faced parts. I. I. Lunevskii, V. I. Serebriakov. *Svar. proizv.* no. 6:22-24 Je '67.
- Installation for assembling and electric welding of shells with a diameter of 500 - 500 mm. G. F. Voshchilo. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:110-125 '67.
- Installation for automatic longitudinal welding of shells with a diameter of 450 - 2000 mm. P. M. Osintsev. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:95-109 '67.
- Installation for beam assembly. M. F. Serebrennikov. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:126-134 '67.
- Installation for electric slag welding of large parts. G. Kh. Baikov. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:135-176 '67.
- Installation for X-ray testing of welded seams. S. N. Chernikova. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:177-182 '67.
- Investigating nitrides in joint-forming metal in open-arc welding of steel. L. F. Krivenko and others. *Avtom. svar.* 20 no. 7:6-9 N '67.
- Investigating the automatic welding of thermally hardened steel under ceramic flux. M. N. Gapchenko. *Trudy MINKHGP* no. 70:44-53 '67.
- Machine for butt welding of aluminum and steel. P. L. Shlonskii. *Svar. proizv.* no. 6:47-48 Je '67.
- Manufacture of welding wire from KhN50M high-nickel alloy. I. U. N. Gotsal'skii and others. *Avtom. svar.* 20 no. 11:57-59 N '67.
- Manipulating mechanism for a betatron. V. P. Bifinovskov. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:183-193 '67.
- Manipulating mechanism for welding branch pipe to pipe. D. M. Dmitriev. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:66-71 '67.
- Manufacture of metal-cutting tools by hard facing. G. V. Sutyryn, V. G. Lobitskii. *Svar. proizv.* no. 6:35-36 Je '67.
- Manufacture of weldments for ship diesel engines. Z. L. Klimovitskii, I. A. Adamenko. *Avtom. svar.* 20 no. 11:54-56 N '67.
- Mechanization and automation of welding operations in manufacturing sectional large vessels. A. K. Dubitskii. *Svar. proizv.* no. 6:38-41 Je '67.
- Modernization of RDM-1-60 torches for gas-arc cutting of heavy-gauge nonferrous metals. E. G. Kipornik, V. I. Scherbakov. *Svar. proizv.* no. 6:45 Je '67.
- New block diagram of machines for spot resistance micro-welding. V. S. Gavrilchik, I. U. S. Grodetskiy, V. V. Shigan-skiy. *Avtom. svar.* 20 no. 7:62-63 N '67.
- New system of hydraulic accumulators for resistance butt welding machines. E. I. Shilov, V. A. Sakharov. *Avtom. svar.* 20 no. 7:60-61 N '67.
- Peculiarities of the gas dynamics method of controlling the melting action of the arc in consumable electrode welding in carbon dioxide. I. M. Kovalev, A. I. Akulov. *Svar. proizv.* no. 6:19-21 Je '67.
- Physical properties of industrial slag of the CaO - Al₂O₃ - CaF₂ system. P. P. Evseev. *Avtom. svar.* 20 no. 11:42-45 N '67.
- Porosity of welds made with the basic type of powder wire. L. K. Pokhodnia, V. N. Shlepakov, S. A. Sutrun. *Avtom. svar.* 20 no. 7:10-12 N '67.
- Positioning and manipulating mechanism for welding with a 15-ton lifting capacity. B. A. Treshchev. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:42-46 '67.
- Powder wires with compound sections. V. P. Potsekin and others. *Avtom. svar.* 20 no. 11:60-62 N '67.
- Precipitation hardening alloys for hard facing of cutting tools. B. V. Stepanov, G. L. Kuruklis. *Svar. proizv.* no. 6:27-28 Je '67.
- Problems in soldering graphite and some other materials. V. V. Bondarev. *Svar. proizv.* no. 6:17-19 Je '67.
- Rabinovich, A. Sh., and V. I. A. Sal'nikov. [Basic requirements on hard-facing materials and methods of hard-facing of self-sharpening working parts of agricultural machines] Osnovnye trebovaniya k naplavochnym materialam i metodam naplavki samozachistivayushchikhsia rabochikh organov sel'skokhozyaistvennykh mashin. Moskva, Biuro tekhnicheskoi informatsii GOSNTI, 1966. 16 p.
- Reliability and service life of electric welding equipment. L. V. Glabov. *Avtom. svar.* 20 no. 7:84-87 N '67.
- Resistance butt welding of parts from high-strength aluminum alloys. S. I. Kuchuk-Aisensko and others. *Avtom. svar.* 20 no. 7:13-17 N '67.
- Resistance of austenitic manganese-aluminum weld metal to hot crack forming. A. P. Baryshnikov, G. L. Petrov. *Avtom. svar.* 20 no. 11:14-18 N '67.
- Resistance of deposited high-carbon chromium-molybdenum metal during abrasive wear. V. V. Levin, A. F. Treshchenko. *Avtom. svar.* 20 no. 7:30-33 N '67.
- Resistance to brittle failure of low-carbon steels in connection with preliminary cyclic stress application. O. N. Vinkler, N. A. Makhutov. *Avtom. svar.* 20 no. 7:38-42 N '67.
- Ring-type manipulating mechanism with a 3-ton lifting capacity. V. M. Shepelev. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:63-65 '67.
- Section for positioning devices for welding. N. B. Khan. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:28-41 '67.
- Self-propelled cart for welding in carbon dioxide. P. M. Osintsev. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:3-11 '67.
- Seminar on reconditioning by build-up welding of worn out machine parts. G. V. Ksendzyk. *Avtom. svar.* 20 no. 7:80 N '67.
- Seminar on welding in instrument engineering. M. M. Popelkin. *Avtom. svar.* 20 no. 7:80 N '67.
- Shape of the current conducting channel in electric arc columns. I. I. Zaruba. *Avtom. svar.* 20 no. 11:23-26 N '67.
- Speed of movements of a welding arc in magnetic fields. V. D. Taran, I. U. G. Gagen. *Svar. proizv.* no. 6:7-10 Je '67.
- Stability and durability of hard facing processes with the short-circuiting of arc gap. A. A. Buki, I. M. Gorenshien. *Avtom. svar.* 20 no. 11:39-41 N '67.
- Stand for hydraulic testing of welded joints. A. V. Chernov. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:184-198 '67.
- Strengthening fan blades by hard facing with high-frequency currents. V. N. Tachay, D. A. Aldyrev, B. N. Pollakov. *Svar. proizv.* no. 6:33-34 Je '67.
- Structure and functions of the chief welder's department in a plant. M. G. Kozulin, S. N. Badaev. *Avtom. svar.* 20 no. 11:67-69 N '67.
- Structure of the weld-affected zone in the deposition on G18 steel. E. N. Morozovskaya. *Avtom. svar.* 20 no. 7:57-59 N '67.
- Submerged wave-arc hard facing of spring shafts with intensified cooling. A. I. Kuzin. *Avtom. svar.* 20 no. 11:51-53 N '67.
- Surface phenomena during fusion welding of aluminum with copper. D. M. Rabkin and others. *Avtom. svar.* 20 no. 11:10-13 N '67.
- Susceptibility of low-carbon steel welded joints to stress concentration during cyclic stresses. N. A. Klykov, A. G. Skrebkov. *Avtom. svar.* 20 no. 7:48-49 N '67.
- Ten-channel equipment for the measurement and recording of temperature. V. P. Krivonos, A. A. Galiguzov, O. A. Gorchinskii. *Avtom. svar.* 20 no. 7:77-78 N '67.
- The 20th Congress of the International Welding Institute. V. A. Drorov, B. F. Lebedev, I. I. Frumin. *Avtom. svar.* 20 no. 11:79-80 N '67.
- Two-position stand for automatic girth and longitudinal seam welding. S. L. Farfel. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:85-85 '67.
- Two-stand manipulating mechanism. P. P. Potsekin. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:62 '67.
- Two-stand turning mechanism with a 4.5-ton capacity. P. P. Potsekin, G. L. Varshavskii. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 11:12-14 '67.
- Two-stand welding machine. N. A. Polylin. *Sbor. st. NIITIAZHMAHA Uralmashzavoda* no. 14:12-13 '67.
- Use of projectors in training electric and gas welders. G. Tumanovskii. *Prof.-tekh. obs.* 24 no. 7:20-22 '67.
- Using optimizers for selecting the program of flash welding speed in flash butt welding. N. V. Pechola, V. P. Kelm. *Avtom. svar.* 20 no. 7:18-22 N '67.
- Using preliminary heating for building converter castings. A. E. Amis and others. *Avtom. svar.* 20 no. 7:41-41 N '67.
- Using thermally hardenable Ti-titanium alloys for structures. S. M. Gurevich. *Avtom. svar.* 20 no. 11:19-22 N '67.
- Welding ceramic materials with metals. I. I. Melnik, A. A. Makarkin, M. A. Pavlova. *Svar. proizv.* no. 6:10-12 Je '67.
- Welding in the U.S.S.R. in 1966; statistical data. A. V. Bogushovskii, E. S. Lazar'. *Avtom. svar.* 20 no. 7:52-52 N '67.

621.701(494)—Switzerland

Welding equipment of Switzerland. B. F. Fritsch. *Avtom. svar.* 20 no. 7:71-75 N '67.

621.791(52)—Japan

Present state of welding technology in Japan. Minami. *Avtom. svar.* 20 no. 11:74-76 N '67.

621.793 METALLIZATION

Formation of coatings in spraying tungsten over graphite. G. V. Bobrov, V. I. Privezontsev. *Svar. proizv.* no. 6:15-17 Je '67.

Studying the process of atomizing bronze by air. O. S. Nichiporenko. *Porosh. met.* 7 no. 12:10-11 '67.

621.798 PACKAGING

All-Union seminar on the introduction of new types of glass packing containers. A. D. Sainov. *Tekhnika* 31 no. 4:47 Ap '67.

Chukmasov, S. F., and others. [Packaging steel across] Pakirovaniye stal'nogo loma. Kiev, Tekhnika, 1967. 127 p.

Mechanized packing of glass. M. D. Muravlev. *Tekhnika* 24 no. 4:36 Ap '67.

Packaging and shaping of containers for food products. E. N. Ilicheva. *Tekhnika* 4 no. 11:6-7 N '67.

621.8 POWER TRANSMISSION. MATERIALS HANDLING. MECHANICAL FIXTURES. ATTACHMENT. LUBRICATION

Applying solid lubricants on friction surfaces. I. N. Senturikhina, Z. S. Rubintov. *Trudy VNIIP* no. 1:299-308 '67.

Calculating pressures in the oil layer of sliding bearings at a given shape of its tangential cross-section. A. F. D'achkov. *Mashinovedeniye* no. 6:97-100 N '67.

Calculating the evaporation of lubricants in a vacuum on the basis of evaporation in atmosphere. V. M. Muratov. *Trudy VNIIP* no. 10:354-362 '67.

Classes for crane operators. L. Kolova. *Prof.-tekh. obs.* 24 no. 5:30-31 N '67.

Determining the hygroscopicity of lubricants. V. M. Martynov. *Trudy VNIIP* no. 10:384-388 '67.

Determining the pressure of saturated vapors of lubricants. V. M. Martynov, M. V. Morozova. *Trudy VNIIP* no. 10:376-383 '67.

Device and method of comparative evaluation of solid lubricant coatings for friction. K. I. Klimov, I. P. Rudakova. *Trudy VNIIP* no. 10:309-313 '67.

Device for determining the drop point of high-temperature greases. N. A. Rusinova. *Trudy VNIIP* no. 10:329-332 '67.

Dynamic stresses upon conveyor drives from lumpy materials being loaded. G. T. Kodyk, I. M. Alotin, V. D. Zhil'nikov. *Nauch. trudy KNTU* no. 17:53-60 '67.

Effect of temperature on the lubricating properties of molybdenum disulfide. N. N. Darasheva, I. S. Muratov. *Trudy LPI* no. 285:30-42 '67.

Efficient use of stationary rail lubricators on industrial railroads. I. S. Intulin, M. G. Andreevskii. *Trudy TASHHT* no. 33:31-36 '65.

Eliminating contact corrosion by filling a flange on the propeller shaft with the help of an epoxy compound. I. A. Elina. *Inform. sbor. TSNIMF* no. 159, Tekhn. eksp. mor. flota no. 49:72-77 '67.

Estimating the abrasivity and antifriction properties of solid lubricant coatings using the "MI" machine. V. A. Listov, V. A. Markov, Z. S. Rubintova. *Trudy VNIIP* no. 10:314-321 '67.

Evaluating the stability of oils and greases in the case of rolling friction. K. I. Klimov. *Trudy VNIIP* no. 10:322-328 '67.

Fatigue strength of welded crankshafts on large-sized diesel motors. N. M. Savina, P. I. Kudravytsev, I. B. Meerovich. *Svar. proizv.* no. 6:24-26 Je '67.

- Horizontally closed truck conveyor without traction chain. V. M. Onishchenko, V. F. Zolot'ko. Lit. proizv. no. 3 35-36 Mr '67.
- How to get necessary chain. B. Ardashnikov. Mat. i tekhn. 2 no. 7 89-90 Ji '67.
- Increasing the output of dredging machinery with hard facing of their buckets. I. I. Frumina, V. V. Levin. Avtom. svar. 20 no. 12 46-50 N '67.
- Increasing the reliability of axle boxes on sliding bearings. P. M. Simonov. Zhel. dor. transp. 49 no. 3 60-64 Mr '67.
- Investigating dynamics of vibration conveyors with cam drive under underground conditions. V. I. A. Shemiakin, R. A. Gerdt. Nauch. trudy KNIUI no. 17 142-147 '65.
- Investigating wear resistance of bearing-pair parts coated with a glue composition. N. A. Nazirov, B. D. Kuliev. Za tekhn. prog. 7 no. 10 31-34 O '67.
- Irrigation innovations. V. Vasil'kov. Ekon. i zhizn' 9 no. 6 88-89 Je '67.
- Kinematic accuracy of cardan transmissions. N. F. Utekhun. Trudy LPI no. 285 53-60 '67.
- Laboratory method for determining the evaporability of lubricants at high temperatures. V. M. Martynov, L. V. Bondareva, N. D. Kuchinskaya. Trudy VNI NP no. 10: 363-374 '67.
- Laboratory method for studying and evaluating radiation resistance of greases. I. U. S. Zaslavskii and others. Trudy VNI NP no. 10 349-353 '67.
- Liaschenko, E. I., and A. P. Kirichenko. [Transmissions in the mining industry] Privody v gornorudnoi promyshlennosti. Moskva, Nedra, 1967. 90 p.
- Mechanization of transportation and storage work in the machine shop of a machinery manufacturing plant with series production. I. N. Makarov, A. A. Grudnev, M. S. Nitina. Mekh. i avtom. proizv. 21 no. 11 41-45 '67.
- Meet the centrifugal oil cleaner. M. Gal'perin, G. Vasil'chenko. Gruzhd. av. 23 no. 10 22 O '66.
- Method for determining alkali numbers of additives. A. P. Bakhrutskaya, N. A. Butkov. Trudy VNI NP no. 10 160-162 '67.
- Method for determining the critical temperature of the formation of a boundary oil film. K. I. Klimov, G. I. Kichkin. Trudy VNI NP no. 10 250-256 '67.
- Method for evaluating operating properties of oils with additives using the IKM-1 special unit with a carburetor four-stroke air-cooled engine. V. F. Filippov, S. M. Gubarev. Trudy VNI NP no. 10 266-289 '67.
- Method of radioactive indicators for studying cleaning and antioxidative properties of motor oil additives. G. I. Shor, I. U. S. Zaslavskii, D. V. Ribanova. Trudy VNI NP no. 10 163-168 '67.
- Method of radioactive tracers for studying the action mechanism of organomolybdenum oil additives. I. U. S. Zaslavskii and others. Trudy VNI NP no. 10 199-205 '67.
- Method of radioactive tracers for studying the chemical activity of antiseize additives at temperatures from 200 to 600° C, in the oil-metal contact zone. I. U. S. Zaslavskii and others. Trudy VNI NP no. 10 101-108 '67.
- Method for studying dimensions and charges of particles formed by detergent additives in motor oils. G. I. Shor, I. U. S. Zaslavskii, I. A. Morozova. Trudy VNI NP no. 10 169-170 '67.
- Method for the thermographic study of the stability of antiseize compounds in lubricants and their interaction with metals. I. E. Vinogradova, R. Kh. Khalikov. Trudy VNI NP no. 10 180-180 '67.
- Plotting and analyzing evaporation curves of lubricants at given temperatures. V. M. Mariyov. Trudy VNI NP no. 10 338-348 '67.
- Potentiometric method for determining alkali numbers of additives and oils with additives. A. F. Liaschenko, V. P. Muzychenko, E. A. Vinazkova. Trudy VNI NP no. 10 154-159 '67.
- Pressed wood for the maintenance of mining equipment. V. T. Liaschenko, V. I. A. Komarov. Ugol' Ukr. 11 no. 7 29 Ji '67.
- Roughness of joined surfaces and the strength of the joint with guaranteed tightness at their assembly with vibratory-pulse tools. N. R. Guseinova. Za tekhn. prog. 7 no. 10 34-35 O '67.
- Sample tests of motor oils using the ITD-3M unit (the IDM-50F method). V. F. Filippov. Trudy VNI NP no. 10 257-265 '67.
- Scientific research in the chemistry of additives. A. M. Kuliev. Azerb. khim. zhur. no. 3 23-37 '67.
- Selecting a system of temperature regulation of circulating lubricants on main machine diesels. G. A. Popov. Trudy TSNIIMF 12 no. 80 89-96 '67.
- Selecting efficient parameters for meshing bobbin sprockets of intermediate drives on apron and belt-chain conveyors. E. E. Sheshko. Nauch. trudy KNIUI no. 17 17-26 '65.
- Some methodological problems of studying the radiation resistance of lubricants. I. U. S. Zaslavskii, A. D. Stukin, G. I. Shor. Trudy VNI NP no. 10 237-249 '67.
- Some problems in the torsion of machine parts made of different materials. U. K. Dzharfarov. Za tekhn. prog. 7 no. 10 26-28 O '67.
- Studying the effect of lubrication on the heading of cylinder necks by friction tools. V. G. Kaporovich. Trudy LPI no. 287 67-69 '67.
- Submerged weaving-arc hard facing of spring shafts with intensified cooling. A. I. Kuzin. Avtom. svar. 20 no. 11 51-53 N '67.
- Theoretical and experimental investigations of the loading of materials onto belt conveyors. G. T. Kodyk. Nauch. trudy KNIUI no. 17 43-52 '65.

Use of propeller shafts with anticorrosive coatings made of epoxy fiberglass. I. A. Elin. Inform. sbor. TSNIIMF no. 158. Tekh. eksp. mor. flota no. 49 12-17 '67.

Zablonskii, K. I. [Rigidity of gearings] Zhestkost' zubchatykh peredach. [Kiev, Tekhnika, 1967] 258 p.

621.8(471.310)—Moscow City

Automation and mechanization at the First State Bearing Plant. I. E. Koltunov. Mekh. i avtom. proizv. 21 no. 11 31-35 '67.

621.8(471.55)—Chelyabinsk Province

Nyazepetrovsk Road Machinery Plant. V. K. Latyev. Stroitel. dor. mash. 12 no. 11 17-19 N '67.

621.8(477)—Ukrainian S. S. R.

Odessa Heavy Crane Plant [Lisavarskoe Vostanie]. I. F. Pakhomov. Stroitel. dor. mash. 12 no. 11 23-26 N '67.

621.83 GEARS, CAMS, LINKS, RATCHETS

Murashov, I. I. [Gears and their accuracy] Zubchatye mekhanizmy i ikh tochnost'. Moskva, Mashinostroenie, 1967. 109 p.

Protnin, B. A. [Gearings] Zubchatye peredachi. Moskva, Mosk. avtomekhanicheskii in-t, Kafedra detalei mashin i pod'emno-transp. mashin, 1965. 140 p.

621.86 MATERIALS HANDLING, MECHANICAL HANDLING AND HOISTING EQUIPMENT

Mechanization and automation of loading and unloading operations. V. V. Krotov. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 20 no. 11 32-42 N '67.

Using pneumatic conveyors in industrial enterprises. P. M. Gusev. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 20 no. 11 42-45 N '67.

621.86(471.61)—Rostov Province

Overall mechanization of hoisting and conveying operations at the Zernograd Machinery Plant. P. G. Luchinkin. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 20 no. 11 45-46 N '67.

621.87 CRANES AND OTHER HOISTING MECHANISMS, EXCAVATORS, DREDGERS, ETC.

Dual conveyor unit for the dehydration and conservation of parts. V. I. Pozdnakov. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 20 no. 11 17-18 N '67.

Practice of the Rizev Crane Plant under new management conditions. V. E. Bodrov. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 20 no. 11 27-29 N '67.

621.87(574)—Kazakh S. S. R.

The quarry, the equipment, and the profitability. A. Lislutin. Nar. khoz. Kazakh. 25 no. 12 36-40 D '67.

621.87(575.1)—Uzbek S. S. R.

Earthmoving and irrigation machinery should have a specialized repair depot. I. Akubov. Ekon. i zhizn' 8 no. 12 57-59 D '66.

621.89 LUBRICATION, FRICTION REDUCING AND INCREASING DEVICES

Dielectric properties of hydrocarbon lubricants for corrosion prevention of electric line wires of submarine oil fields. A. A. Spirin and others. Za tekhn. prog. 7 no. 8 19-22 Ag '67.

[Lubricants] Smazki. Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1967. 511 p. (SSSR. Gosudarstvennye standarty)

621.9 TOOLS, MACHINE TOOLS MACHINING

Abrasive tools. G. M. Ippolitov. Stan. i instr. 38 no. 11 24-28 N '67.

Achievements of the Soviet school of research in the field of centrifuge equipment. V. I. Sokolov. Khim. i nef. mashinost. no. 11 20-24 N '67.

Analysis of residual stresses and deformations of cast-iron machine-tool parts. O. I. Kotatsubinskii, S. A. Shevchuk. Stan. i instr. 38 no. 11 35-37 N '67.

At the Ministry of Machine-Tool and Cutting-Tool Industry. Mekh. i avtom. proizv. 21 no. 11 56 '67.

Automatic machine for perforating casings. I. A. Sulikovskii, I. D. Gershberg, V. N. Abrashin. Stroitel. i arkhitekt. 8 no. 8 8-12 S '67.

Automation of size adjustment during work on a turning lathe. V. A. Skragan, E. L. Zhukov. Trudy LPI no. 284 20-27 '67.

Avrulin, S. V. [Efficient work of a milling machine operator] Ratsional'naya rabota frezerovshchika. Izd. 7., perer. i dop. Moskva, Mashinostroenie, 1967. 351 p.

balancing machines. V. N. Barke, V. A. Zakharov. Stan. i instr. 38 no. 11 17-19 N '67.

Calculating thermal deformations of surface grinders and their effect on the accuracy of grinding. V. A. Skragan, K. P. Manorandzhan. Trudy LPI no. 284 20-27 '67.

Conditions of bite during vibration working. S. L. Murashkin. Trudy LPI no. 284 58-62 '67.

Crushing continuous chips by the method of intermittent cutter feed. A. A. Smirnov, N. S. Iablonskii. Trudy LPI no. 284 39-45 '67.

Cutting and grinding at very high velocities. G. D. Polosakin and others. Izv. vys. ucheb. zav. i fiz. 10 no. 10 93-101 '67.

Determining critical speeds of mixer shafts in viscous media. A. I. Mil'chenko and others. Khim. i nef. mashinost. no. 10 11-14 O '65.

Determining errors in the rotation of precision spindles. G. I. Shumina. Stan. i instr. 38 no. 11 37-40 N '67.

Development of electrophysical and electrochemical metalworking methods. A. L. Livshits. Stan. i instr. 38 no. 11 14-16 N '67.

Development of Soviet science and technology in the field of metal cutting. G. I. Iasinskii. Stan. i instr. 38 no. 11 43 N '67.

Development of the construction of centrifuges. D. E. Shkropad. Khim. i nef. mashinost. no. 11 15-20 N '67.

Diamond honing of noncircular holes. M. S. Naerman, P. M. Ivochkin. Stan. i instr. 38 no. 11 40-41 N '67.

Diamond tools. V. M. Zubkov. Stan. i instr. 38 no. 11 28-31 N '67.

Die for punching six holes in the ring of the 451D-8204024 baffle plate. N. A. Korinskii. Avtom. 33 no. 9 32 S '67.

Dressing of Lisakovka ore on electromagnetic separators with intensive magnetic field. L. M. Khersonets and others. Gor. zhur. 142 no. 5 58-57 My '67.

Drives and control of machine tools. O. N. Tatur and others. Stan. i instr. 38 no. 11 7-11 N '67.

Dry comminution of limestone at the pelletizing plant of the Krivoy Rog Central Mining and Ore Dressing Combine. V. I. Nitsenko, L. I. Rovenskii, L. V. Bernado. Gor. zhur. 142 no. 5 58-59 My '67.

Dynamics of machine tools. V. S. Vasil'ev. Stan. i instr. 38 no. 11 6-7 N '67.

Effect of machining on the wear-in of ceramic metal materials. I. M. Fedorchenko, L. V. Zabolotnyi. Porosh. met. 7 no. 12 64-69 D '67.

Equipment for arc welding of rods. G. A. Chernakov, I. U. A. Privolov. Svar. proizv. no. 6 41 Je '67.

Experience in adjusting and adopting four-high electromagnetic separators. L. N. Khersonets and others. Gor. zhur. 142 no. 5 45-47 My '67.

Experimental study of the separation of oil and water from compressed air. L. N. Solntankin. Energomashinostroenie 13 no. 0 26-28 S '67.

Filling with grit porous ceramic materials during grinding. I. A. Aramyanov, L. S. Shishkin. Porosh. met. 7 no. 12 84-88 D '67.

Floating chuck with a spring compensator. F. P. Malikov. Stan. i instr. 38 no. 11 42 N '67.

The great fifty years. A. E. Viatkin. Mekh. i avtom. proizv. 21 no. 11 1-4 '67.

Heavy machine-tool industry in the past 50 years. V. D. Glukharev, A. V. Skliarov. Mekh. i avtom. proizv. 21 no. 11 5-9 '67.

Improving machining precision of electric motor frames with sizes from 5 to 7 on automatic lines. G. K. Kandilov, T. K. Isaiyev, V. N. Evslin. Za tekhn. prog. 7 no. 10 20-22 O '67.

Improving the properties of hard alloy products by machining. O. V. Rybalkin, I. U. D. Gerasimov, N. R. Anders. Porosh. met. 7 no. 12 98-102 D '67.

Influence of the shape of pressure impulse on certain elements of the characteristics of hydraulic-percussion drills. V. G. Iasov. Gor. elektromekh. i avtom. no. 8 102-105 '67.

Kobrinakii, A. E. [Numerical control of machine tools] Chisla upravlyaiut stankami. 2., dop. izd. Moskva, Nauka, 1967. 262 p. (Nauchno-popul'naya seriya)

Lapping plunger inserts with synthetic diamond paste. A. S. Volokin. Khim. i nef. mashinost. no. 10 33-34 O '65.

Let us introduce the new boring tools of A. Semenov. M. Khaitun, V. Ivanov. Izobr. i rats. no. 10 18-19 O '61.

Machining errors during active control in the process of grinding. I. S. Amosov, O. A. Ivanova. Trudy LPI no. 284 31-38 '67.

Manufacture of metal-cutting tools by hard facing. G. V. Sutyryn, V. G. Lobitskii. Svar. proizv. no. 6 35-36 Je '67.

Metal-cutting tools and the technology of their manufacture. K. F. Romanov. Stan. i instr. 38 no. 11 20-24 N '67.

Milling manganese steels with end mills. L. N. Berdnikov, B. B. Adadurov. Trudy LPI no. 284 63-68 '67.

New machine tools. Stan. i instr. 38 no. 11 42 N '67.

Physicochemical properties of certain high-alloy steels and connection between these properties and cutting conditions. A. I. Antonov. Trudy LPI no. 284 69-75 '67.

Power expenditure on the mixing process in gas-liquid systems. R. D. Soifer, V. V. Kafarov. Khim. i nef. mashinost. no. 10 15-10 O '65.

Precliplination hardening alloys for hard facing of cutting tools. B. V. Stepanov, G. L. Kuruklis. Svar. proizv. no. 6 27-28 Je '67.

Present state and prospects for the expansion of the electron beam method of micromachining. A. N. Kabanov. Fiz. i khim. obr. mat. no. 4 25-33 Ji-Ag '67.

Present state and trends in the development of electrochemical methods of machining. I. I. Moroz. Fiz. i khim. obr. mat. no. 4 46-56 Ji-Ag '67.

Profiling die cutters used for the machining of a hell-cold with double turn of the axis of the tool spindle. I. P. Bernatskii, V. P. Obmornov. Trudy LPI no. 285 47-52 '67.

621.9 (Continued)

- Selecting and determining fastening forces of blanks with precision surfaces. M. R. Zdanovskii. Avt. prom. 31 no. 9:25-29 S '67.
- Similar on the use of mathematical methods and electronic computers in the design, construction, and operation of metal-cutting tools. M. I. Iul'kov, P. G. Katsen. Stan i inst. 38 no. 11:14 N '67.
- Stability of the geometric parameters of small diameter spiral drills. G. B. Rudneva. Trudy LPI no. 284:76-79 '67.
- Stamp for simultaneous punching of two oval profiles. A. P. Cherkasov. Mash i neft. mashinost. no. 10:18 '65.
- Study and design of machine tools. D. N. Reshetov. Stan i inst. 38 no. 11:2-5 N '67.
- Technology of metalwork in the manufacture of machine tools. V. F. Zhdanovich, M. O. Iakobson. Stan i inst. 38 no. 11:14 N '67.
- Testing a hobbing cutter on the KSF-270 device. P. U. Mar'kov. Izv. tekhn. no. 10:70-72 Q '67.
- An ultimate case of engagement. N. N. Krasnoshtekov. Mashinovedenie no. 6:38-41 N-D '67.

621.9(471.310)—Moscow City

- Flow line machine-tool manufacturing. G. A. Suvachev. Mash i avtom. proizv. 21 no. 11:23-26 '67.

621.92 ABRADING, ABRASIVES, GRINDING, POLISHING, CRUSHING, SEPARATING AND MIXING

- Vakser, D. B. [Internal grinding.] Vnutrennee shlifovanie. Izd. 2, dop. i perer. Pod red. G. F. Kudasova. Leningrad, Mashinostroyeniye, 1967. 99 p. (Biblioteka shlifovshchika, no. 3)

621.96 PERFORATING, BLANKING, SHEARING, CLEAVING

- Pneumatic machine for cutting angles of sheet billets. I. I. Eremeev. Izv. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 20 no. 11:18-19 N '67.

622 MINING AND MINERAL DRESSING

- Automation of telephone networks in coal industry. P. S. Kucharskiy, Ugol' Ukr. 11 no. 7:20-22 11 '67.
- Convincing facts. N. Oltenberg. Prol. tekhn. obr. 24 no. 5:17-18 My '67.
- Expansion of the iron ore industry of the Urals in the 50 years of Soviet government. M. V. Vasil'ev, M. M. Gorskolepov, V. L. Kolobova. Gos. zhur. 142 no. 5:3-10 My '67.
- Experience in adjusting and adopting four-high electromagnetic separators. L. N. Khersonskiy and others. Gos. zhur. 142 no. 5:15-17 My '67.
- Investigating radio wave transducers for controlling production processes in mining industry. L. G. Sakala, A. A. Vorob'ev, V. S. Shaposhnikov. Gos. elektromekhn. i avtom. no. 8:88-94 '67.
- Lishchenko, E. I., and A. P. Kirichenko. [Transmissions in the mining industry.] Privody v gornorudn. promyshlennosti. Moskva, Nedra, 1967. 90 p.
- Lining of boreholes against water using asbestos-cement tubes. G. M. Gul'tants, Izv. vyzn. ucheb. zav., geol. i razv. 10 no. 11:122-124 N '67.
- [Mining] Ref. zhur. Gos. delo no. 12 N '67. Predmetnyi ukazatel' za 1966 g. [Subject index for 1966]
- Mining engineering on a new stage of development. N. A. Chumak. Fiz. tekhn. probl. razrab. pol. iskop. no. 5:3-6 S-O '67.
- Photometric determination of vanadium in ores. N. T. Turakhanova, R. Kh. Dzhanbaeva, Sh. T. Talipov. Trudy TashGU no. 288:58-61 '67.
- Self-propelled AVB-5-100 drilling unit. A. G. Mamedzade, Izv. vyzn. ucheb. zav., geol. i razv. 9 no. 12:140-151 D '66.
- Some results and problems of the development of the mining and chemical industry. K. D. Vagin, N. S. Uf'yanov. Khim. prom. 13 no. 11:40-46 N '67.

622(477)—Ukrainian S. S. R.

- Coke industry of the Ukraine in the 1st quarter of 1967. Ugol' Ukr. 11 no. 7:53-55 11 '67.
- Communists of Tozer have organized the socialist competition of workers for carrying out the seven-year plan ahead of schedule. O. P. Il'makov. Nauk. pratsi z ist. KPRS no. 8:49-58 '66.
- Efforts of party organizations to raise the labor activity of miners during the seven-year plan. V. I. Kalashnikov. Nauk. pratsi z ist. KPRS no. 8:22-23 '66.
- Party guidance of the socialist competition of miners. 1959-1965. P. A. Lytvynenko. Nauk. pratsi z ist. KPRS no. 8:59-70 '66.
- The struggle of party organizations for the development and consolidation of creative cooperation between scientists and the personnel of iron mines; based on materials of the Kriyov Rop party organization. M. I. A. Eysikov. Nauk. pratsi z ist. KPRS no. 8:95-107 '66.
- We are reducing the construction time of mines. S. Mezhikov. Ekon. stroi. 9 no. 9:41-43 S '67.

622.1 PRELIMINARY INVESTIGATION, EXPLORATION, SAMPLING AND ANALYSIS

- Averaging the quality of KMI rich ores of the Mikhaylovka deposit. A. I. Popov. Gos. zhur. 142 no. 5:59-61 My '67.
- Calculating earth surface deformations in ore deposits. S. P. Kulbenko. Shor. VNIIM no. 62:299-293 '66.
- Conditions and possible ways of the development of methods for surveying inaccessible slopes. L. N. Rudnev, G. A. Shkharbaty. Shor. VNIIM no. 62:241-257 '66.
- Equipment for the testing of hot solder. M. Sh. Khalkin. Metallurg. 12 no. 6:11-12 Je '67.
- Investigating stresses of ore blocks by the relaxation method. I. Khadrakhimov, G. L. Lapin. Gos. zhur. 142 no. 5:54-55 My '67.
- Investigating the accuracy of measurements made in relation to displacements of depth datum marks. B. S. Skozhnikov. Shor. VNIIM no. 62:268-277 '66.
- Method of measuring critical distances to radioactive bench marks in boreholes. N. M. Nikolskaya, S. G. Mandrikov. Shor. VNIIM no. 62:327-333 '66.

622.2 MINING OPERATIONS, EXPLOITATION AND WORKING OF MINERAL DEPOSITS, OIL AND GAS WELL DRILLING

- Air cutoff stopcock. A. F. Dudashov. Neftianik 12 no. 12:29 D '67.
- Bessmertnyy, K. S., and V. A. Britarev. [Hydraulic giant operator in an open-pit mine.] Gidromontiorshchik na kar'ere. Moskva, Nedra, 1967. 191 p.
- Calculating production casings. A. A. Alekperov. Azerb. neft. khoz. 46 no. 8:43-44 Je '67.
- Chronicle of the development of the Soviet petroleum industry during the last fifty years. Neftianik 12 no. 12:3, 5, 7, 9, 11, 13, 15 D '67.
- Critical remarks and propositions, under unemitting control. A. Vinogradova. Neftianik 12 no. 12:13-14 D '67.
- Dependence of friction in the picking of a mud pump on the fluid velocity and pressure. V. I. Roshchupkin, O. I. Verzhilin. Khim. i neft. mashinost. no. 10:7-10 O '65.
- Determining drilling cost changes in introducing the new equipment. T. S. Syromiatnikov, V. I. Egorov. Ekon. neftedob. prom. no. 10:7-10 '67.
- Development and adoption of methods for stimulating the bottom zone of wells. A. Z. Mushin, N. P. Lesik. Neftprom. delo no. 11:20-36 '67.
- Development and present status of oil field equipment and petroleum production tools. I. U. V. Zaitsev, F. L. Bukharenko. Mash i neft. obr. no. 11:9-18 '67.
- Development of petroleum production using sucker rod pumps. I. I. Prot. Neftprom. delo no. 11:30-40 '67.
- Development of the coal supply center of the U. S. S. R. in 50 years. A. V. Tuzhuov. Sov. geol. 10 no. 11:30-35 N '67.
- Distribution of hypertension and atherosclerotic cardiovascular diseases among workers of the petroleum refinery and oil fields of Ishimbay. Z. Sh. Zagidullin and others. Shor. nauch. trudy Bash. gos. med. inst. 16 no. 2:22-26 '65.
- Domestic compressor equipment for the petroleum production industry. M. M. Khushpulyan. Mash i neft. obr. no. 11:22-25 '67.
- Effect of high-frequency pulses on water-oil emulsions. G. M. Panchenkov, V. V. Pypko, V. A. Baranov. Neft. khoz. 45 no. 12:42-45 D '67.
- Effect of the direction of slant hole drilling on the rate of penetration. M. P. Gulizade and others. Azerb. neft. khoz. 46 no. 6:11-13 Je '67.
- Effective defoamers for drilling muds treated with surface-active agents. L. B. Sklar'skaya, D. E. Lerner, V. I. Volok. Neft. khoz. 45 no. 12:21-23 D '67.
- Efficient methods for tapping productive formations. V. A. Amintan, N. P. Vasil'eva. Neftprom. delo no. 11:16-21 '67.
- Establishing norms for the working capital of drilling enterprises. A. I. Tarasenko, N. I. Kivoshchev. Ekon. neftedob. prom. no. 10:23-26 '67.
- Expanding cement. L. Sadykov. Neftianik 12 no. 12:30-31 D '67.
- Experimental determination of hydraulic losses in a concentric annular space as a topic for discussion. S. M. Kullov, B. I. Es'man, U. Kh. Akhundov. Neft. khoz. 45 no. 12:15-15 D '67.
- Experimental study of cyclic stimulation of a bedded reservoir. K. E. Muzafarov, V. G. Ogandzhaniants. Azerb. neft. khoz. 46 no. 6:22-24 Je '67.
- Experimental study of the effect of preliminary tightening on the endurance of tool joints. S. A. Ugarov, L. A. Lachman, S. N. Andriyenko. Mash i neft. obr. no. 11:31-34 '67.
- Failure of the filter portion of production casings when perforated by simultaneous bullet gun perforators. M. A. Gusakov and others. Azerb. neft. khoz. 46 no. 6:44-46 Je '67.
- Fifty years of the Great October Socialist Revolution. Gaz. prom. 12 no. 11:3-4 N '67.
- Foreign economic relations in the field of the chemical and petroleum machinery industry. G. O. Terzian. Khim. i neft. mashinost. no. 11:7-9 N '67.
- Formation testers for well completion. P. S. Lapshin and others. Neft. khoz. 45 no. 12:51-52 D '67.
- Improving the quality of hydraulic parts of the U8-4 drilling pumps at the S. Ordzhonikidze Plant. N. S. Sultanov, S. G. Babaev, I. V. Shitmak. Za tekhn. prog. 7 no. 8:25-28 Ag '67.
- Improving the work of trade-union cultural and recreational organizations. L. Matveev. Neftianik 12 no. 12:11-13 D '67.
- Increasing the economic efficiency of deep exploratory drilling. I. V. Bolaeov. Ekon. neftedob. prom. no. 11:13 '67.
- Initial data for determining the economic efficiency of introducing new equipment. B. I. Simoniuk. Neftedob. prom. no. 10:13-14 '67.
- International connections of our trade union should get stronger. V. Makey'skii. Neftianik 12 no. 12:15 D '67.
- Krein, E. V., and M. K. Revva. [Underground exploitation of coal.] Podzemnaya gazifikatsiya uglei. Kemerovskoe knizhnoe izd-vo, 1966. 83 p.
- Labor organization in rigging crews. A. Sotnik. Neftianik 12 no. 12:26-27 D '67.
- Mangushev, K. I. [Processing drilling muds by cyclones.] Gidrotsilomnata obrabotka promyshlenn. i zhivkost. v buent. Ufa, Bashkirskoe knizhnoe izd-vo, 1965. 96 p.
- Memorial banners, rewards for valorous labor. E. Bondareva. Neftianik 12 no. 12:10-11 D '67.
- Method for gas recovery in electric heating treatment of deep pumping wells. A. K. Aliev, V. I. Kulkov. Neft. khoz. 45 no. 12:53-54 D '67.
- Methodology of estimating the efficiency of bit string. S. G. Babaev, I. A. Danielian, A. M. Gantev. Neftianik 45 no. 12:6-8 D '67.
- New methodology of calculating a drilling shift. V. I. Ustin, V. F. Shitambiy. Mash i neft. obr. no. 11:25-31 '67.
- Nikulin, V. S. [Problems of normalizing the atomization in deep open-pit mines, report made at a seminar.] Problema normalizatsii atomizatsii v glubokikh kar'erakh, doklad na nauchnom simpoziume apreil' 1967 g. Moskva, 1967. 17 p.
- Noise control of valves-dischargers of the pressure control of drilling rigs. G. M. Altshuler. Azerb. neft. khoz. 46 no. 6:47-48 Je '67.
- One of the possible causes of ignition of gas in the well. Suleimanov, G. S. Gazarian. Azerb. neft. khoz. 46 no. 6:46-47 Je '67.
- Operational experience of the patent groups of the "Petrostal" and Stavropol' petroleum authorities. K. Kubyshov. Regional Petroleum Administration. P. Konkin, B. Ivanov, A. Vasil'ev. Neft. khoz. 45 no. 17-18 '67.
- Participation of Bashkir Medical Institute in the study of occupational diseases in petroleum workers. Z. Sh. Zagidullin. Shor. nauch. trudy Bash. gos. med. inst. 16 no. 2:3-17 '65.
- Planning for drilling speeds. L. I. Zemskaia. Neft. khoz. 45 no. 10:30-31 '67.
- Planning for indices in the deep drilling of exploratory wells for oil and gas. A. A. Blazhenko, M. I. V. L. Tishchenko. Ekon. neftedob. prom. no. 10:23-26 '67.
- Preparing for the Sixth Congress of the Trade Union. Neftianik 12 no. 12:2-5 D '67.
- Preventing the meeting of boreholes in multiple drilling. N. B. Sivokhina. Neft. khoz. 45 no. 12:41-41 D '67.
- Problem of efficient well density in the development of oil fields. N. S. Erofeev. Geol. neft. i gaz. 11 no. 11:29-34 N '67.
- [Problems of gassing and degassing of drilling fluids.] Voprosy gazirovaniya i degazatsii promyshlenn. i zhivkost. materialy Mezhdunarodnogo simpoziuma po delegatsii promyshlennykh i razv. v g. Kharkov. Moskva, Nedra, 1967. 118 p.
- Progress in the petroleum production industry during the 50 years of the Soviet rule. R. Sh. Mamedov. Neftprom. delo no. 11:3-8 '67.
- Progress in the technology of oil field development. M. M. Ivanova. Neftprom. delo no. 11:9-11 '67.
- Resistance of an oval pipe to outside pressure in creep. T. E. Eremenko, P. A. Vasilobitskii. Neft. khoz. 45 no. 12:15-18 D '67.
- Results of field tests of subsurface pumps with a new plunger-pair polymer-chrome-plated steel. I. I. Agamirzoev. Azerb. neft. khoz. 46 no. 6:41-41 Je '67.
- Seminar on the hydraulics of drilling muds and cement slurries. Azerb. neft. khoz. 46 no. 8:11-11 Je '67.
- Simplified purification of seawater for injection into slightly coherent reservoirs. R. I. Medvedskii. Neft. khoz. 45 no. 12:37-40 D '67.
- Simultaneous and separate production from two or three horizons in a well. I. U. V. Zaitsev. Neftianik 12 no. 11:21-25 '67.
- Some problems in the technology of manufacturing the ED6-M optically active material. M. G. Aliev, I. I. Aliev. Za tekhn. prog. 7 no. 8:28-29 Ag '67.
- Some results of using the new system of mineral stimulation in petroleum production enterprises. M. T. Losav, I. A. D. Gusevich, I. M. Kolenov. Neftprom. delo no. 11:15-17 '67.
- Spiral-screw gas anchor. V. N. Kazanskii. Neft. khoz. 45 no. 12:40-42 D '67.
- Status and future prospects of the automation of petroleum production. V. A. Malotskii, O. P. Gantev. Neftprom. delo no. 11:41-44 '67.

- Stressed state and strength of casing and hardened cement during the action of high-parameter steam inside the column. A. I. Dement'ev. *Neft, khoz.* 45 no. 1:16-20 D '67.
- Studying the changes in hydrodynamic pressure development during the process of penetrating a well by the rotary drilling method. R. M. Khaseev, A. M. Mamedov. *Neft, khoz.* 46 no. 6:13-16 Je '67.
- Studying wear and failure of roller bit supports. V. N. Vinogradov, G. M. Sorokin, A. N. Pashkov. *Neft, khoz.* 45 no. 12:23-27 D '67.
- Subsurface electric pumps used in petroleum production. A. A. Bogdanov. *Neftpromdelo* no. 11:26-29 '67.
- Thermal methods for increasing well productivity and oil reservoir yield. V. A. Pionin. *Neftpromdelo* no. 11:15-17 '67.
- Using electrolytes as antihydrate inhibitors. V. A. Akhrosheva, V. I. Semkin, A. V. Demchenko. *Kaz. prom.* 12 no. 11:21-27 N '67.
- Ways to develop domestic equipment for the development of deep exploratory drilling. V. I. Roshchupkin, A. A. Antonov. *Mash. i neft. obr.* no. 11:18-22 '67.
- 622.2(477)—Ukrainian S. S. R.**
- Rated capacity of the "Lutuginskaya-Severnaya" Coal Mine materialized ahead of schedule. A. Machukov, G. Peretiat'ko, B. R. Rysin. *Ugol'* 12 no. 8:27-25 Ag '67.
- Realization of the economic reform in the coal industry of the Ukraine. I. M. Rymai, V. N. Diadyk, I. I. Levitskiy. *Ugol' Ukr.* 11 no. 6:13-48 Je '67.
- Thirty years of the chronicle of the Great October. V. I. Tarasov. *Ugol' Ukr.* 11 no. 11:30-31 '67.
- 622.2(479.24)—Azerbaijani S. S. R.**
- Aliyev, Kh. M. [With the conquerors of the Shirvan steppe, from the experience of the communist labor brigade of the Shirvan oil region] U pokoritel'ei Shit'vanskoi stepi, ob opyte raboty brigad kommunisticheskogo truda Shirvanskogo neftnogo raiona. Baku, Azerbaidzhanskoe gos. izd-vo, 1967. 55 p. (Biblioteka brigady kommunisticheskogo truda)
- Delays in drilling ought to be overcome faster. *Azerb. neft, khoz.* 46 no. 6:insc1-2 Je '67.
- Experience in controlling the advance of a solvent injected into a reservoir of highly viscous petroleum in order to increase recovery. K. A. Budalov, M. U. Seifutova. *Azerb. neft, khoz.* 46 no. 6:20-31 Je '67.
- Field tests of processing the bottom zone of strippers by petroleum solvents. S. A. Vozlov and others. *Azerb. neft, khoz.* 46 no. 6:21-27 Je '67.
- Guseinade, Gusein. *Neft Dashiary, Neftlanye Kamni.* Baku, Azerbaidzhanskoe gos. izd-vo, 1967. 1 v.
- Kadyrov, R. G. [Struggle of the workers for the development of the petroleum production industry in Azerbaijan, 1951-1958] Boi'ba rabochikh za razvitiye neftedobyvalushchel' promyshlennosti Azerbaidzhana (1951-1958 gg.). Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1967. 88 p.
- Romanovich, I. S. [Experience in developing the Shebelinka gas field] Opyt razrabtivyvaniya Shebelinskogo gazovogo mestorozhdeniya. Moskva, Nedra, 1967. 125 p.
- Some results of the development and the present status of exploitation of oil pools in the Sumgayı and Karachukhan fields. S. T. Ovnatanov, K. A. Karapetov. *Azerb. neft, khoz.* 46 no. 6:4-6 Je '67.
- Studying the distribution of injected water along tapped depth of a reservoir. E. A. Vozashlov. *Azerb. neft, khoz.* 46 no. 6:10-21 Je '67.
- Studying wells in the test area of the injection of a petroleum solvent. Sh. G. Shit'nov, M. I. Gaidarov, C. G. Amirkhanova. *Azerb. neft, khoz.* 46 no. 6:26-29 Je '67.
- UIMS-1 drilling rig. A. A. Bilandari, A. A. Dzhanibekov. *Azerb. neft, khoz.* 46 no. 6:48 Je '67.
- 622.2(671.17)—Kemerovo Province**
- The "Chertinskaya-Uzhnaya" Coal Mine on the road of technical progress. S. T. Lazarev, K. G. Cherenykh. *Ugol'* 42 no. 8:28-30 Ag '67.
- Experience in undermining surface reservoirs at the "Zhukovka-3" Coal Mine of the Kuzbassugol' Combine. I. D. Cherepanov. *Ugol'* 42 no. 8:51-52 Ag '67.
- Give an unremitting consideration to the expansion of Kuznetsk Basin. *Ugol'* 42 no. 8:73-74 Ag '67.
- 622.3 MINING OF SPECIFIC MINERALS, ORES, ROCKS, LIQUID AND GASEOUS MINERALS**
- Achievements in investigating the formation of lignite bitumens. V. N. Krokhnin. *Khim. i ver. topl.* no. 5:51-60 S-O '67.
- Adapting coal enterprises to new economic conditions of work. I. I. Levitskiy. *Ugol'* 42 no. 8:38-43 Ag '67.
- Aiming at 500,000 tons of coal yearly with the USB-2m piers. I. I. Semkin. *Ugol' Ukr.* 11 no. 11:44-45 N '67.
- Analyzing the establishment of norms for power consumption in petroleum production with submerged electric pumps. K. N. Kulizade, R. V. Babayev, T. S. A. Khalkina. *Za tekhn. prog.* 7 no. 10:9-12 O '67.
- Apparatus for taking samples from marine sediment deposits. D. P. Lobanov, E. G. Tonbershtein. *Izv. vuz. ucheb. zav. geol. i razv.* 9 no. 12:97-107 D '66.
- Artificial ventilation of open-pit mines with propeller-type machine units. S. S. Filatov and others. *Ugol'* 42 no. 9:35-37 S '67.
- At the Mekhpyka Scientific Research Institute of Labor Safety in the Mining Industry. *Ugol' Ukr.* 11 no. 6:52-53 Je '67.
- Automation in the petroleum production industry. A. G. Kapustin, V. V. Shul'gin. *Mash. i neft. obr.* no. 11:35-40 '67.
- Biological effect of, and protection from the radiations of optical quantum generators. A. A. Grodetskiy, B. R. Kirichinskiy. *Avtom. svyaz.* 20 no. 7:66-70 Ji '67.
- Building of mines and design of enterprises in the coal industry. F. I. A. Kagan, E. V. Dugin. *Ugol'* 42 no. 11:16-16 N '67.
- By joint efforts. M. Sarayev. *Sov. shakht.* 16 no. 8:7-16 Ag '67.
- Calculating the averaging capacity in longwalls by methods of the mass operation theory. L. G. Shukhmeister, B. I. Khrosheva. *Ugol'* 42 no. 8:66-68 Ag '67.
- Calculating the effect of the density of well spacing on the recovery factor, comments on the published articles. S. T. Ovnatanov, K. A. Karapetov. *Neft, khoz.* 45 no. 12:31-33 D '67.
- Centralized control on the cybernetic basis. M. A. Gold'man, V. N. Naprasnikov. *Ugol' Ukr.* 11 no. 6:7-9 Je '67.
- Certain peculiarities of the operation of cutter-loader chain drives. V. D. Oglol'min. *Ugol' Ukr.* 11 no. 6:38-40 Je '67.
- Certain problems in the automation of coal mining machine units and aggregates. M. S. Itabnovich and others. *Ugol'* 42 no. 9:37-42 S '67.
- Change in the properties of plugging Portland cement during storage. V. S. Klement'eva, M. G. Tolochkova, G. M. Tarnat'skiy. *Neft, khoz.* 45 no. 9:19-22 S '67.
- Change of working and living conditions of coal miners in the years of Soviet government. F. F. Kuzinikov. *Ugol'* 42 no. 11:61-61 N '67.
- Changes in loading on an electric drill shaft and analysis of its steady performance at various depths. E. A. Mamedov. *Za tekhn. prog.* 7 no. 10:12-11 O '67.
- Chronicle of the development of the Soviet petroleum industry during the last fifty years. *Neftnik* 12 no. 12:1-5, 7, 8, 11, 13, 15 D '67.
- Classification of coal seams by their wettability. V. N. Shilenkov. *Nauch. trudy KNIUI* no. 7:295-298 '63.
- Coal miners, heroes of motion pictures. P. I. Antshin. *Sov. shakht.* 16 no. 8:24-25 Ag '67.
- Comparative testings of basic rods subjected to differential swaging and surface hardening. V. V. Botkov, L. D. Osipov, V. V. Ermolayev. *Gor. zhur.* 142 no. 5:43-44 My '67.
- Conditions of, and prospects for developing the open-pit coal mining in the U.S.S.R. K. K. Kuznetsov. *Ugol'* 42 no. 8:52-50 Ag '67.
- Conducting an inspection of work in efficiency promotion, invention and patent licensing in the enterprises and organizations of the Ministry of Coal Industry of the U.S.S.R. in honor of the 50th anniversary of Soviet government. *Ugol'* 42 no. 8:76-77 Ag '67.
- Creating the new-type coal mines. L. G. Mikhailov. *Ugol'* 42 no. 9:12-13 S '67.
- Danger of a premature explosion of electric detonators caused by vagrant currents in open-pit mines located in the vicinity of electrified railroads. F. I. Kucher-lavskiy, A. V. Ilin, L. I. Morchay. *Gor. elektromekh. i avtom.* no. 8:42-47 '67.
- Degasification during the development working in thick seams. M. M. Levin. *Nauch. trudy KNIUI* no. 7:150-168 '63.
- Determining efficient flow sheets and parameters in hydraulic conveying systems for mines with cutter-loader mining of coal. M. P. Vasil'ov, V. G. Poplavskiy. *Nauch. trudy KNIUI* no. 17:153-159 '65.
- Deter mining load on a packet of a formation tester used for packing on open well. G. D. Sukhomosov. *Neft, khoz.* 45 no. 9:22-23 S '67.
- Determining maintenance costs of seam drifts for the reverse order of mining levels and stories. M. T. Zhor'shchik, A. S. Bratishko, B. A. Pisurenko. *Ugol'* 42 no. 8:46-50 Ag '67.
- Determining parameters of water injection into coal seams through deep boreholes by testing design characteristics. L. N. Karagodin, R. N. Kriginan. *Ugol'* 42 no. 9:17-50 S '67.
- Development and results of test operation of hydraulic turbochronometers. V. P. Vasil'ov. *Neft, khoz.* 45 no. 9:4-10 S '67.
- The Dongiproschakht Institute. *Ugol' Ukr.* 11 no. 6:20 Je '67.
- Drilling out the notch over coal in driving drifts in thin coal seams. V. D. Mitin, N. A. Pachnikov. *Ugol' Ukr.* 11 no. 11:54-55 N '67.
- Drying of minifines and mining of manganese ore. B. M. Bykov, L. S. Giebinchenko, A. S. Sidorov. *Gor. zhur.* 142 no. 5:29-31 My '67.
- Economic advantages of sublevel caving with rock breaking through boreholes drilled in ore roofs. B. G. Tregubov. *Gor. zhur.* 142 no. 5:10-12 My '67.
- Economic reform and improvement of planning in enterprises of coal industry. B. I. Lerner. *Ugol'* 42 no. 8:14-17 S '67.
- Effectiveness of dust settling by wetting during blasting operations. E. S. Zhanabatyrov. *Nauch. trudy KNIUI* no. 7:200-264 '63.
- Efficient distribution of holes in longwalls for water injection into coal seams. A. P. Poeluev. *Nauch. trudy KNIUI* no. 7:303-306 '63.
- Efficient range of blasting charges in single bench stopes. K. N. Tkachuk, M. I. Rasner. *Gor. zhur.* 142 no. 5:35-37 My '67.
- Electric drive of main mechanisms of EVG-3565 overburden-removal elevators. I. T. Kalashnikov and others. *Gor. elektromekh. i avtom.* no. 8:71-75 '67.
- The entire mine output from a single longwall. N. M. Dmitilenko. *Ugol' Ukr.* 11 no. 11:33-36 N '67.
- Estimating the metal content in impregnated complex ore deposits. V. F. Grigoriev. *Shor. VNIMI* no. 62:277-210 '66.
- Expanding the availability of mineral raw materials in the U.S.S.R., during the 50 years of Soviet government. V. I. Kuz'menko. *Razved. i okh. nedr.* 37 nos. 10/11:1-12 O-N '67.
- Expansion of coal preparation in the last 50 years. I. S. Blagov. *Ugol'* 42 no. 11:84-88 N '67.
- Expansion of the mechanization and automation in coal mines. I. I. Livshits. *Ugol'* 42 no. 11:56-63 N '67.
- Expansion of the raw materials supply center for the coal industry. P. I. Molchanov, L. V. Tyzhnov. *Razved. i okh. nedr.* 33 nos. 10/11:17-23 O-N '67.
- Expansion of the technology and machinery in the field of coal strip mining in the years of Soviet regime. L. E. Grafov. *Ugol' Ukr.* 12 no. 11:19-25 N '67.
- Experience in degasifying the necessary mineral of the Novyi, Dvoinoi, and Vyshneuradni coal seams in the Katagunda Basin mines. M. M. Levin. *Nauch. trudy KNIUI* no. 7:130-149 '63.
- Experience in the crosscutting with the aid of cantilever mining machine unit. A. I. Kinsler, V. M. Gladyshev. *Gor. zhur.* 142 no. 5:11-13 My '67.
- Extent of earth surface deformations during underground mining of ore deposits. A. G. Akimov. *Shor. VNIMI* no. 62:278-281 '66.
- Extraction of ore stock and the efficiency of mining systems. P. I. Kudlashev. *Gor. zhur.* 142 no. 5:18-20 My '67.
- A few words about youth. N. Shekin. *Sov. shakht.* 16 no. 8:14 Ag '67.
- Field of application, and parameters of flow sheets for gasifying coal seams for inclined workings in deep coal mines. A. Sh. Zil'vianskiy. *Ugol' Ukr.* 11 no. 6:13-15 Je '67.
- Fifth International Mining Congress. *Ugol' Ukr.* 11 no. 6:1 Je '67.
- Fifty years of the Soviet coke by-product industry and coal chemistry science. A. K. Shirkov. *Khim. i ver. topl.* no. 5:10-46 S-O '67.
- First results of coal mine operation under new conditions. V. V. Sereda. *Ugol' Ukr.* 11 no. 11:18-39 N '67.
- From practice in using mathematical methods for determining the optimal variant of distributing the coal industry of the R.S.F.S.R. D. M. Kazakevich, E. I. Filimonova. *Izv. SO AN SSSR Ser. obshchestv. nauk* no. 6:38-43 My '67.
- From the enterprise to various branches; at the all-Union conference on the scientific organization of work. *Ugol'* 42 no. 9:61-68 S '67.
- Garbar, I. S. [Basic principles of the scientific organization of labor at work areas in coal mines, lecture delivered at advanced economics courses for the managerial staff of the coal industry] Osnovnye položeniya nauchnoi organizatsii truda na rabochikh mestakh. *Ugol'nykh shakht, iektstla, prochnaniya na vysshikh ekonomicheskikh kursakh rukovodivshchikh rabotnikov ugol'noi promyshlennosti* Shakhty, 1966. 22 p.
- Give an overall mechanization to development workings. V. F. Krylov and others. *Tr. -tekhn. probl. i razr. pol. iskop.* no. 5:118-121 S-O '67.
- Giving his all to the people. *Sov. shakht.* 16 no. 8:26-27 Ag '67.
- The Great October and education of coal miners. E. K. Oleimk. *Ugol' Ukr.* 11 no. 11:10-20 N '67.
- Highly efficient stoping equipment complexes. V. I. Paramonov, N. D. Semolituk, L. N. Zaiman. *Ugol' Ukr.* 11 no. 6:13-15 Je '67.
- Hydraulic filling of worked-out areas in steeply pitching seams. V. V. Dobrovolskiy and others. *Ugol' Ukr.* 11 no. 7:10-12 Ji '67.
- Hydraulic washout of ore fines in worked out blocks is a very effective measure for reducing ore losses. M. D. Oshchepchenko. *Shor. VNIMI* no. 62:93-98 '66.
- Improvement of the moving of railroad tracks with rotary bulldozers. N. D. Kifmenko. *Gor. zhur.* 142 no. 5:66 My '67.
- Improving the safety of operations in coal mining enterprises. L. G. Melnikov. *Ugol'* 42 no. 11:76-80 N '67.
- In front of all other operating mines. *Sov. shakht.* 16 no. 8:8 Ag '67.
- Influence of the angle of incidence of an elastic wave on the stressed state of outer zones in free surfaces of underground workings. G. G. Uteyev. *Shor. VNIMI* no. 62:344-352 '66.

- 622.3 (Continued)
- Interaction of volatile products from carbonization at low temperature and the lignite coke. O. N. Maschenkov, K. I. Syskov. Khim. i ver. topl. no. 5:123-127 S-O '67
- Investigating regularities of the distribution of rare earth, minor and nonferrous metals in coals. V. M. Raynitskii, S. V. Glushnev. Khim. i ver. topl. no. 5:47-53 S-O '67
- Investigating the seismic effect of explosions upon underground workings. G. T. Nesterenko, R. N. Sevast'yanov. Sbor. VNIIM no. 62:101-146 '66
- Isotopic molecular composition of the simplest products of the thermal decomposition of coals. I. G. Petrenko. Khim. i ver. topl. no. 5:69-74 S-O '67
- Kinetics of the process of dust formation in terms of basic physicochemical properties of coals. G. E. Panov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 5:81-86 S-O '67
- Laboratory testings of filling materials. L. I. Korovkin, S. P. Kolbenkov. Sbor. VNIIM no. 62:224-228 '66
- Let us discuss the problem of improving flow diagrams of oil-producing areas. V. A. Dragin and others. Neft khoz. 45 no. 9:27-42 S '67
- Life gives a lesson. N. Zabitko. Sov. shakht. 16 no. 8:12-13 Ag '67
- The M-87 shield from new high-strength steels for powered supports. M. M. Zherbin and others. Ugol' Ukr. 11 no. 6:30-32 Je '67
- Machinery and equipment for underground coal mining. A. S. Kuz'mich. Ugol' 42 no. 11:28-33 N '67
- Main results of geological prospecting operations for tin. T. V. Butkevich, S. F. Lagov. Razved. i okh. nedr. 33 nos. 10-11:36-41 O-N '67
- Malets, A. L. [Establishing a standard load in stoping, lecture delivered at advanced annual economics courses for the managerial staff in the coal industry] Ustanovlenie normativnoi nagruzki na ochnoi zabol, tekstiia proclitana na vysshikh godichnykh ekonomicheskikh kursakh rukovodivshchikh rabotnikov ugol'noi promyshlenosti. Shakhty, 1966 41 p.
- Measurements of frequency characteristics of electric properties of the rocks. I. A. Kravtsov. Gor. elektromekh. i avtom. no. 8:112-118 '67
- Miners' Day and the objectives of coal industry. Ugol' 42 no. 8:1-4 Ag '67
- Miners' Day in the jubilee year. Sov. shakht. 16 no. 8:1 Ag '67
- Mining engineering for coal industry. A. N. Shcherban'. Ugol' Ukr. 11 no. 11:12-15 N '67
- Mining engineering in Soviet Russia in the last 50 years. N. V. Melnikov. Ugol' 42 no. 11:13-19 N '67
- Modeling the interaction of nondischarging supports with lateral rocks. I. V. Savenko, N. D. Medvedchuk. Ugol' Ukr. 11 no. 11:49-51 N '67
- More than the roof overhead? Results of the inspection of coal miners communities. P. Bataeva. Sov. shakht. 16 no. 8:18-19 Ag '67
- The most advantageous form of underground mine workings. B. I. Khalepskii. Nauch. trudy KNIIM no. 7:359-367 '63
- New conditions of work and rest are in the center of attention. I. G. Mikhailenko. Ugol' 42 no. 8:43-45 Ag '67
- New self-rescuers. Ugol' 42 no. 8:76 Ag '67
- New trends in expanding open-pit mining operations. E. P. Kovalevskii, A. A. Zhdanovskii. Gor. zhur. 142 no. 5:71-72 My '67
- On the eve of the general economic reform. B. M. Shcharanskii. Ugol' Ukr. 11 no. 7:51-52 Ji '67
- Opening and developing mining areas of future coal mines. I. A. Leonenko, N. A. Rangin. Ugol' 42 no. 9:10-11 S '67
- Ore supply center for ferrous metallurgy. G. D. Chernyshev. Razved. i okh. nedr. 33 nos. 10/11:24-31 O-N '67
- Organizing the building of open-pit mines along with network schedule graphs. M. G. Novozhilov and others. Gor. zhur. 142 no. 5:13-17 My '67
- Our achievements and our prospects for the future. V. V. Beliaev, M. N. Zeleniak, I. I. Trunov. Ugol' 42 no. 8:32-34 Ag '67
- Our anniversary. B. F. Bratchenko. Ugol' 42 no. 11:7-12 N '67
- Our holiday. V. S. Taradaike. Ugol' 42 no. 8:20-21 Ag '67
- Pipeless isolation of absorption zones in borehole intersection points of mine workings. E. I. Kipko and others. Ugol' Ukr. 11 no. 11:52-54 N '67
- The plan and incentives. V. P. Chalkov. Sov. shakht. 16 no. 8:11-12 Ag '67
- A point of honor for coal industry workers. I. G. Mikhailenko. Ugol' 42 no. 9:66-68 S '67
- Possible ways of solving ventilation problems in open-pit coal mines. V. P. Kulikov, V. P. Sollogub. Ugol' 42 no. 8:58-60 Ag '67
- Potentials for increasing technical and economical indices of air drilling. I. E. Rudavskii, M. I. Laevskaya. Neft. khoz. 45 no. 9:1-4 S '67
- Present status of the methods for geophysical studies of oil and gas wells and prospects for their development. N. A. Perkov. Neftegaz. geol. i geofiz. 11:48-51 '67
- Preventing the breaking of rocks along the side of the massif during blasting operations. V. D. Mitin. Gor. zhur. 142 no. 5:38-40 My '67
- Prognosis of rock stability in mine workings according to data of exploratory boring. M. P. Burisev, S. I. Malinin. Ugol' 42 no. 9:31-34 S '67
- Protecting degasification and parameters of its block diagrams in carrying out development workings. P. I. Kokorin, B. G. Tarasov, A. S. Riabchenko. Fiz.-tekhn. probl. razrab. pol. iskop. no. 5:51-64 S-O '67
- Quantitative estimate of the optimum reliability of KM-87 and KM-100 units. G. I. Palant, R. M. Orekhov. Ugol' Ukr. 11 no. 7:23-24 Ji '67
- Radioactive control of macrodefects of timber to be used in mining industry. M. M. Savkin, I. I. Shchetinin, I. A. Kolesnikov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 5:121-125 S-O '67
- Rapid building of levels in operating coal mines. A. V. Bykov. Ugol' Ukr. 11 no. 7:33-34 Ji '67
- Rebuke each other and counsel each other. Ugol' Ukr. 11 no. 7:55 Ji '67
- Reducing expenses for the maintenance of workings executed in disturbed rocks. V. F. Beliaev, A. V. Prastolov, V. E. Savina. Gor. zhur. 142 no. 5:34-35 My '67
- Requirements for relay leakage in contact networks under conditions of the Krivoy Rog Basin. V. F. Kobervuk. Gor. zhur. 142 no. 5:53-54 My '67
- Results of investigating the action of reagents in coal flotation. V. I. Klassen, M. S. Vlasova. Fiz.-tekhn. probl. razrab. pol. iskop. no. 5:72-80 S-O '67
- Results of testing PK-8 cutter-loaders. K. A. Lohmanin and others. Gor. zhur. 142 no. 5:48-49 My '67
- Scientific and technical conference on mining steeply pitching coal seams. V. A. Dudko. Ugol' Ukr. 11 no. 7:52-53 Ji '67
- Scientific technical conference on the problem "Scientific bases for making highly productive completely automated open-pit mines." I. I. Russkii. Ugol' 42 no. 9:72-73 S '67
- Selecting the most useful ventilation system for hard-to-ventilate coal mines with the aid of electronic computers. V. F. Iakaeve, L. P. Homenski, N. G. Tkachenko. Ugol' 42 no. 8:68-70 Ag '67
- Seminar on the hydraulics of drilling muds and cement slurries. B. Mitel'man. Neft khoz. 45 no. 9:68 S '67
- Socialist competition of coal industry enterprises in honor of the 50th anniversary of the Great October. Ugol' 42 no. 11:100-103 N '67
- Solving the problem of the development of a group of gas condensate fields confined to a single water drive system using an electric model without capacitances. V. I. A. Liadkin. Geol. nefi i gaz. 11 no. 12:16-22 D '67
- Some results of the reorganization of coal mines. R. G. Mordukhovich. Ugol' 42 no. 9:27-30 S '67
- Stages in the growth of the crushed stone industry. P. M. Tsigel'nyi. Fiz. i pol. khoz. 11 no. 7:20-23 '67
- Standardization of gamma-gamma logging equipment. A. A. Korniev, I. A. Danchenko. Neftegaz. geol. i geofiz. no. 10:22-23 '67
- Studying temperature regimes in the pair cylinder elevator-capsion of a mud pump. G. R. Iannetson, I. A. Mirtychan, A. A. Petrosiants. Neft. khoz. 45 no. 9:16-19 S '67
- Technical reequipment and scientific organization of work is the basis of increasing labor productivity. V. A. Ialavskii. Ugol' 42 no. 8:30-32 Ag '67
- Theoretical principles of the underground melting of sulfur (geotechnology of sulfur). V. Zh. Arens, G. Kh. Khelchan. Fiz.-tekhn. probl. razrab. pol. iskop. no. 5:87-96 S-O '67
- Theory of the high-frequency electrothermal action upon rocks. E. I. Arsh. Gor. elektromekh. i avtom. no. 8:84-88 '67
- Theory of the performance of a tooth of a single-cone core head. I. P. Dorodnov. Neft. khoz. 45 no. 9:10-13 S '67
- Triumph of the idea of the Great October. Ugol' 42 no. 11:1-7 N '67
- Use mineral resources efficiently in mining lead-zinc deposits. S. L. Iofin and others. Gor. zhur. 142 no. 5:25-29 My '67
- Using chemical and bacteriological methods for changing properties of highly plastic clays in hydraulic mining. L. A. Mitin. Fiz.-tekhn. probl. razrab. pol. iskop. no. 5:125-127 S-O '67
- Using composition brake shoes on rolling stock. N. I. Romanovskaya, A. V. Romanovskii, V. I. Darmostuk. Gor. zhur. 142 no. 5:65-66 My '67
- Velocity of flow of gas bubbles in the annular space of pumping wells and pressure of a column of gas-cut fluid. I. M. Murav'ev, R. Sh. Shakirov, A. T. Timashev. Neft. khoz. 45 no. 9:55-58 S '67
- 622.3(262.8)—Caspian Sea
- Trunk line to the petroleum deposits of Mangyshlak. Zhel. dor. transp. 49 no. 3:78-78 Mr '67
- 622.3(437)—Czechoslovakia
- Expansion of the coal industry of the Czechoslovak S. S. R. Frantisek Penc. Ugol' 42 no. 11:82-94 N '67
- With our friends, on the anniversary of the Great October. I. Davydov. Sov. shakht. 16 no. 8:30 Ag '67
- 622.3(438)—Poland
- Cooperation between countries of the socialist camp is the basis of their development. Jan Mitrega. Ugol' 42 no. 11:88-91 N '67
- Our motto is: Technical progress and international cooperation. Boleslaw Krupinski. Ugol' Ukr. 11 no. 6:5-6 Je '67
- With our friends, on the anniversary of the Great October. I. Davydov. Sov. shakht. 16 no. 8:30 Ag '67
- 622.3(439)—Hungary
- Expansion of the coal industry of the Hungarian People's Republic. Ferenc Levardi. Ugol' 42 no. 11:86-90 N '67
- 622.3(471.21)—Murmansk Province
- Estimating the results of the industrial survey and the selection of face samplings in mines of the "Pechenganick" Combine. Z. D. Nizguretskii, I. S. Garber, V. E. Grigor'ev. Sbor. VNIIM no. 62:229-236 '66
- Influence of the fractured state and the change in the mineralogical composition of rocks on the value of the strength in a uniaxial contraction, on the example of the mineralized serpentines of the Pechenga copper-nickel deposits. V. D. Pali, I. D. Orlov, I. I. Protopyov. Sbor. VNIIM no. 62:183-195 '66
- Investigating changes in the strained and stressed state of pillars under variable pressures; on the example of the Katmivkiv Mine. V. D. Pali and others. Sbor. VNIIM no. 62:206-223 '66
- 622.3(471.323)—Kursk Province
- Averaging the quality of KMA rich ores of the Mikhaylov deposit. A. I. Popov. Gor. zhur. 142 no. 5:59-61 My '67
- 622.3(471.41)—Tatar A. S. S. R.
- Business accounting in the procurement departments of petroleum production enterprises. S. Farkhatdinov, R. Rikhet'gov. Mat.-tekhn. snabzhen. 2 no. 0:57-58 S '67
- Cadres of petroleum workers in Tataria. A. Smirnov, I. Grishchutkin. Prof.-tekhn. obr. 24 no. 10:44 O '67
- Characteristics of general morbidity, especially hypertension, among petroleum workers of Romashkino and Bavl fields of the Tatar Autonomous S. S. R. during 1958-1962. N. N. Fatkulina. Sbor. nauch. trud Bash. gos. med. inst. 16 no. 2:27-34 '65
- Economic evaluation of the methodology for determining the optimal cement hardening period when using quick-setting mixtures with calcium chloride additives. M. V. Alekseev, I. U. G. Krivoshein. Eksp. nefteob. prom. no. 10:26-29 '67
- Sentry of underground riches. I. U. Sebest'yanov. Neftianik 12 no. 12:21-22 D '67
- 622.3(471.43)—Kuybyshev Province
- Economic effectiveness of the development of fields with small oil reserves in Kuybyshev Province. P. A. Pali, V. E. Gavura. Neft. khoz. 45 no. 9:46-51 S '67
- Scientific labor organization is in the center of attention of the Kuybyshev petroleum workers. D. Tskov, Neftianik 12 no. 12:18-19 D '67
- 622.3(471.5)—Ural regions
- From work practices with EVK ejector pumps in ore mines of the Northern Urals. V. V. Danilich, R. M. Timofeev. Gor. zhur. 142 no. 5:68-67 My '67
- 622.3(471.62)—Krasnodar Territory
- Development of the petroleum industry in Krasnodar Territory. E. Makhmutbekov, V. Sharov. Neftianik 12 no. 12:16-17 D '67
- 622.3(471.65)—North Ossetian A. S. S. R.
- Studying the process of rock swelling in workings of the Sadon deposit. F. I. Boreiko, O. L. Velikosefak, P. V. Komarov. Sbor. VNIIM no. 62:353-357 '66
- 622.3(474.2)—Estonian S. S. R.
- Preparation of Estonian oil shales. I. S. Blagov, V. S. Kaminikii, A. P. Petrov. Ugol' 42 no. 9:52-56 S '67
- Work experience in the No. 2 Mine of the Estonian Trust under the new conditions of planning and economic incentives. S. I. Randaru. Ugol' 42 no. 9:23-27 S '67
- 622.3(477)—Ukrainian S. S. R.
- Along the road of labor victories. V. S. Taradaike and others. Ugol' Ukr. 11 no. 11:23-28 N '67
- Basic parameters of the opening and development of deep levels for coal mines of the Central Donets Basin Region. E. V. Petrenko. Ugol' Ukr. 11 no. 11:45-49 N '67
- Coal industry of the Ukraine during the 50 years of Soviet government. N. M. Khudsovitshev. Ugol' 42 no. 8:4-9 Ag '67
- Coal industry of the Ukraine for the 5th International Mining Congress. N. M. Khudsovitshev. Ugol' Ukr. 11 no. 6:2-4 Je '67
- Coal industry of the Ukraine; its past, present, and future. P. A. Rozenko. Ugol' Ukr. 11 no. 11:4-11 N '67
- Coal mines, contemporaries of the Great October. S. N. Marchenko, A. F. Rumiansev. Ugol' Ukr. 11 no. 11:18-19 N '67

622.3(477) (Continued)
Coal preparation plants of the Donets Basin for the 50th anniversary of the Great October. Ugol' Ukr. 11 no.11: 31-32 N '67.
Comparative economic estimate of the new building and the reorganization of Donets Basin coal mines. P. Z. Zviagin, B. L. Raikhel' Ugol' 42 no.9:18-23 S '67
Concentration of mining operations in mines of the Laischansk Trust. P. A. Borodin, M. A. Moiseev, Ugol' Ukr. 11 no.7:7-9 JI '67
Cutter-loader mining of steep coal seams at the No. 1/2 "Krasnyi Otkryt" Mine. A. A. Trofimov, Ugol' Ukr. 11 no.11:41-43 N '67.
Diagnosis of tumorlike forms of coniotuberculosis in Donets Basin coal miners A. E. Gorbunin Probl. tub 45 no.12:23-27 '67
The Donets Coal Institute is a big scientific center of the Donets Basin I. P. Krasovoz, Ugol' 42 no.9:1-5 S '67
Effect of the mining geology and technical factors on work indices for slopes in coal mines of the Ukrzaphugol' Combine. I. M. Iudin, V. I. Postolovskii, Ugol' Ukr. 11 no.6:36-38 Je '67.
Five-day week, first results. From work practices of the No. 2 "Khar'kovskaya" Mine of the Sverdlovugol' Trust according to the new schedule. G. Droga, V. Derid, Sov. shakht. 16 no.8:9-10 Ag '67.
5,016 tons of coal in 24 hours is the result of the reorganization of the No. 1 "Tsentral'naya" Coal Mine. V. M. Pakin, S. A. Gladkii, Ugol' Ukr. 11 no.11:36-38 N '67.
The great fiftieth anniversary. Ugol' Ukr. 11 no.11: 1-3 N '67
Happiness of our youth N. Lavrenov, Komm. Ukr. 42 no.11:66-68 N '67.
Increase control over the write-offs of capital expenditures. M. Kuchanskii, Bukhg. uch. 26 no.8:18-24 Ag '67.
Increasing the labor productivity at the "Odesskaya" No. 2 Hydraulic Mine. V. S. Boldinov, P. F. Lagutin, Ugol' Ukr. 11 no.11:43-44 N '67.
Introducing cutter-excavators in the Baydakovo open-pit mine N. V. Pionenko and others. Ugol' Ukr. 11 no.6:41-42 Je '67.
The Lenin Coal Mine. K. K. Smol'nikov, Ugol' Ukr. 11 no.11:20-22 N '67.
The "Luganskaya-Severnaya" Coal Mine accelerates tempo of coal mining. V. I. A. Machikov, G. G. Porotat'ko Ugol' Ukr. 11 no.6:20-22 Je '67.
Mechanization of auxiliary operations is a highly important factor for increasing labor productivity in lignite open-pit mines of the Ukraine. A. N. Subbotin, N. D. Klimenko, Ugol' Ukr. 11 no.7:10-33 JI '67.
Mechanization of thin seam mining in coal mines of the Nesvetlantrastit Trust. N. A. Gnilorbov, Ugol' Ukr. 11 no.6:28-29 Je '67.
The N. V. Novotochin leading brigade of the No. 4 "Nagol'chanskaya" Coal Mine. V. A. Nesviachnyi, N. G. Veliki, E. K. Piasetskaya Ugol' Ukr. 11 no.7: 3-5 JI '67.
New level for the Donets Basin. Ugol' 42 no.8:75-76 Ag '67.
Objectives of increasing the efficiency of steep seam mining in the Donets Basin. I. P. Krasovoz, A. I. Nekhoroshev, E. T. Prokavkin, Ugol' Ukr. 11 no.6:23-27 Je '67.
The "Otkryt'skaya" Mine is a highly mechanized coal mine of the Donets Basin. I. S. Dzizgona, Ugol' Ukr. 11 no.6:10-13 Je '67.
On the centenary of the "Kochegarka" Coal Mine. A. I. A. Polopov, I. U. V. Kaminskii Ugol' 42 no.11:41-46 N '67
Prognosticating the stability of the Donets Basin deep mine workings. V. T. Glushko, Fiz. -tekh. probl. razrab. pol. iskop. no.5:111-117 S-O '67.
Results of the experimental use of AG-1 equipment in coal mines of the Luganskugol' Combine. V. K. Shabak, A. F. Chirva, Ugol' 42 no.9:57-59 S '67.
Some results of the sociological investigations in the Donets Basin coal mines. V. P. Gaidukov, Ugol' Ukr. 11 no.7:26-29 JI '67.
Use mining machinery more efficiently. Ugol' 42 no.8: 75-76 Ag '67.

622.3(477.88)—Transcarpathia

Changing forms of socialist competition in the enterprises of the petroleum industry in Transcarpathia, 1930-1959. S. S. Andriev, Ukr. ist. zhur. 11 no.7:65-71 JI '67.

622.3(479.22)—Georgian S. S. R.

Expansion of the coal industry in the Georgian S. S. R. D. S. Chikvaizdo, Ugol' 42 no.11:30-41 N '67.
Here they helped forge victory. Sov. shakht. 16 no.8: 21-22 Ag '67.

622.3(479.24)—Azerbaijan S. S. R.

Chemical treatment of drilling muds in drilling well no.100 of Shakhova Kosa. O. N. Ibragimov and others Azerb. nef. kh. 46 no.6:9-11 Je '67.
Methodology of determining the economic efficiency of introducing means of automation, telemechanics, and computers in a petroleum production enterprise. A. A. Abdulayev, A. I. Osimovskii, A. A. Minchuk, Ekon. nef. kh. 46 no.10:34-36 '67.

Results of exploiting the horizon II of the Kala field and the effect of the applied development systems on oil recovery. S. L. Andrianov and others. Neft. kh. 45 no.12:34-37 D '67.

Some indices of using drilling equipment. E. M. Berko-lanko, T. P. Fedorova, Ekon. nef. kh. 46 no.10: 14-18 '67.
With our labor we are increasing the wealth and power of our Soviet homeland. M. Gadzhiev, Neftianik 12 no.12:10-11 D '67.

622.3(497.2)—Bulgaria

Fraternal cooperation with the U. S. S. R. is an important factor in the expansion of coal mining in Bulgaria. K. Popov, Ugol' 42 no.11:88-100 N '67.

622.3(498)—Romania

Expansion of the mining industry of Romania. Bujor Almesan, Ugol' 42 no.11:94-96 N '67.

622.3(567)—Iraq

Treasure of Iraq. D. Vol'skii, Nov. vrem. 25 no.2: 18-19 Ja '68

622.3(571)—Soviet R. S. S. R.

Coal industry of Eastern Siberia on the anniversary of the Soviet regime. M. N. Markelov, Ugol' 42 no.11: 34-39 N '67.

Determining the optimal variant of developing and distributing industrial branches using complex raw material. V. P. Gukov, Izv. SO AN SSSR Ser. obshchestv. nauk no.6:49-53 My '67.

Drilling rigs for the conditions of Western Siberia. V. I. Roshchupkin, Neft. kh. 45 no.9:13-16 S '67.

622.3(571.12)—Tyumen' Province

The basis for selecting a method for well exploitation in the Trekhovskoye Oil Field. V. P. Maksimov, A. D. Antropov, E. P. Erte, Ekon. nef. kh. 46 no.10:18-22 '67.
He has drilled 200,000 meters. A. Plonnikov, Neftianik 12 no.12:23 D '67.
Horizons of Farman Salmanov, V. Gilev, Neftianik 12 no.12:20 D '67.

622.3(571.17)—Kemerovo Province

Determining the degree of fire hazards in various mining systems in the Prokopyevsk-Kiselevsk region of the Kuznetsk Basin. V. I. Bugrimov, L. V. Samets, V. A. Shishorin, Ugol' 42 no.9:44-46 S '67.

Great help to the Kuznetsk Basin. Five interviews in the Ministry of Coal Industry of the U. S. S. R. Sov. shakht. 16 no.8:4-6 Ag '67.

Kuznetsk Basin on the 50 years of the Great October V. I. Iavorokii, Sov. geol. 10 no.11:36-39 N '67.

The Leninugol' Trust in the last 20 years. A. M. Palla-kov, Ugol' 42 no.8:26-27 Ag '67

On the Kemerovo wave. A. Volkov, Sov. shakht. 16 no.8:23 Ag '67.

Present state and future prospects of the development of open-pit mining in the Kuznetsk Basin. B. N. Lokha-nov and others. Fiz. -tekh. probl. razrab. pol. iskop. no.5:97-103 S-O '67.

Ways of improving the mining of thick coal seams with the use of filling in the Kuznetsk Basin. P. F. Luk'ianov, Fiz. -tekh. probl. razrab. pol. iskop. no.5:104-110 S-O '67.

622.3(571.51)—Krasnoyarsk Territory

Produce Noril'sk coal in excess of plan in honor of the 50th anniversary. E. Kovalenko, Ugol' 42 no.9:5-8 S '67.

622.3(571.63)—Maritime Territory

Suchan today and tomorrow. A. A. Erkin, Ugol' 42 no.8:35-37 Ag '67.

622.3(574)—Kazakh S. S. R.

Advantages of regulating the speed of conveyors under conditions of Karaganda Basin coal mines. L. M. Alotin, R. V. Merisalo, F. G. Kraus, Nauch. trudy KNIUI no.17:126-130 '65.

Beacons of the production in the foreground of socialist competition. N. I. Vas'kin, Ugol' 42 no.9:8-9 S '67.

Experience in the complex mechanization of stoping in Karaganda Basin. I. U. L. Khudin, V. A. Brenner, Ugol' 42 no.9:42-44 S '67.

The No. 122 Coal Mine on the 50th anniversary of the Great October. N. A. Sheviakov, Ugol' 42 no.11:47-48 N '67.

Regulating the process of completion of the crossing rows of injection wells in the Uzen' multistage field. S. G. Valieva, I. U. V. Zaitsev, V. S. Orlov, Neft. kh. 45 no.9:51-54 S '67.

To quarry, the equipment, and the profitability. A. Lisutin, Nar. kh. Kazakh. 25 no.12:36-40 D '67.

Using an arrangement of two packers with a filter between them in testing wells by means of formation testers. V. I. Shmelev, I. U. A. Traube, Neft. kh. 45 no.9:25-26 S '67.

622.3(575)—Central Asia

Movement of earth surface in some mines of Central Asia. V. S. Troitskii, Sbor. VNIMI no.62:282-289 '66.

622.3(575.1)—Uzbek S. S. R.

Efficient construction of deep wells in gas and gas condensate fields in southwestern Uzbekistan. S. M. Gamzatov and others. Gaz. prom. 12 no.11:21-24 N '67.
Teach and help. I. Inogamov, V. Klimachev Ekon. i zhizn' 8 no.12:84-85 D '66.

Uzbekistan, a new large gold-bearing region in the Soviet Union. Kh. T. Tullaganov Sov. geol. 10 no.11: 85-91 N '67.

Which gas is cheaper? R. Nazakov, Ekon. i zhizn' 8 no.12:73-75 D '66

622.3(575.3)—Tajik S. S. R.

Investigating the stability of wellrock and ore outcropping at the Aityn-Topkan Mine. G. T. Nesterenko, E. S. Skozobitsov, V. P. Mukheev, Sbor. VNIMI no.62: 258-267 '66.

622.3(71)—Canada

Exploitation of the Athabasca oil sands. V. Zharkov, Neftianik 12 no.12:30 D '67.

622.3(73)—United States of America

Effectiveness of exploratory deep drilling in the U. S. A. V. L. Sokolov, M. I. Loshchinskaya, Geol. nef. i gaz 11 no.11:67-71 N '67.

622.4 MINE SERVICES, INSTALLATIONS, EQUIPMENT

Advantages in adopting formed sections for the reinforcement of mine shafts M. G. Dzubenko and others. Gor. zhur. 142 no.5:40-43 My '67.

Aerodynamic resistance of chip and oil filters. E. S. Zhanabatyrov, G. I. V'ugov, Nauch. trudy KNIUI no.7:274-277 '63.

The AMT-31-12 telemetric station for the centralized control of mine gases. A. N. Shcherban and others. Ugol' Ukr. 11 no.6:15-18 Je '67.

Artificial ventilation of open-pit mines with propeller-type machine units. S. S. Filatov and others. Ugol' 42 no.8:35-37 S '67.

Basic premises of provisional regulations regarding the protection of structures on ore deposits with an insufficiently studied character of rock displacement processes. M. A. Kuznetsov, Sbor. VNIMI no.62:311-326 '66.

Building of mines and design of enterprises in the coal industry. F. I. A. Kagan, E. V. Dugin, Ugol' 42 no.11: 49-56 N '67.

Character of the movement of earth surface in unstratified enclosing rocks. M. A. Kuznetsov, T. Sh. Sakayev, Sbor. VNIMI no.62:300-310 '66.

Coal machinery building. V. P. Gorasimov, Ugol' 42 no.11:72-76 N '67.

Comparative testings of bore rods subjected to differential swaging and surface hardening. V. V. Boikov, I. D. Ostipov, V. V. Ermolaev, Gor. zhur. 142 no.5:43-44 My '67.

[Dynamics of mine turbomachines and their networks] Voprosy dinamiki shakhtnykh turbomashin i ikh setei. Tbilisi, Melantereba, 1967. 153 p.

Efficiency of chip and oil filters, and selection of their optimum parameters. E. S. Zhanabatyrov, G. I. V'ugov, Nauch. trudy KNIUI no.7:269-274 '63.

Efficiency of using RTU-2 equipment complexes under conditions of the "Tomusinskoe" deposit. V. F. Arsen'ev, G. N. Pilyasnov, Ugol' 42 no.8:64-65 Ag '67.

Expansion of the technology and machinery in the field of coal strip mining in the years of Soviet regime. L. E. Grafov, Ugol' 42 no.11:19-26 N '67.

Experience in the crosscutting with the aid of cantilever mining machine unit. A. I. Kinstler, V. M. Gladyshev, Gor. zhur. 142 no.5:31-33 My '67.

Experience in using mine semiconductor battery chargers. V. D. Fursov and others. Ugol' Ukr. 11 no.7:16-19 JI '67.

Field tests of MK cutter-loaders with various actuating mechanisms. V. I. Kutovoi and others. Ugol' Ukr. 11 no.7:13-14 JI '67.

Gas manifestations and gas conditions at potassium mines. K. V. Konchev, T. K. Efremova, V. P. Shatov, Gor. zhur. 142 no.5:62-64 My '67.

Give an overall mechanization to development workings. V. P. Krylov and others. Fiz. -tekh. probl. razrab. pol. iskop. no.5:118-121 S-O '67.

Heightening the accuracy of determining horizontal movements. V. I. Kuz'min, Sbor. VNIMI no.62:294-299 '66.

Highly metamorphized anthracite seams with no methane content. I. M. Pechuk, Ugol' Ukr. 11 no.6:50-51 Je '67.

Industrial testings of high-speed plows. A. B. Golod and others. Ugol' Ukr. 11 no.7:15 JI '67.

Influence of more accurate calculations of electric loads and changes in cable geometry on the consumption of nonferrous metals. A. E. Iakovlev, Gor. elektromekh. i avtom. no.8:48-54 '67.

Investigating the performance of MK equipment complexes under various geologic conditions. A. I. Erokhin, I. U. N. Semenov, M. S. Korobov, Ugol' 42 no.8: 60-63 Ag '67.

- Calculating the left and performance cable-belt conveyor. I. U. S. Pukhov. Nauch. trudy KNIUI no 17 36-42 '65.
- Calculating the block on automatic control installations for trucking the flow of materials in mine conveyors. V. K. Denis. Nauch. trudy KNIUI no 17 112-119 '65.
- Calculating the current-limiting magnetic amplifier for traction semiconductor rectifiers. V. D. Fursov, G. G. Pankov. Gor. elektromekh. i avtom. no 6 3-9 '67.
- Certain problems in using vibration for conveying. I. F. Gontsarevich. Nauch. trudy KNIUI no 17 148-152 '65.
- Controlling the process of distributing a mixture in consecutive pipelining. P. M. Bondarenko, G. I. Bespalov, E. A. Iusunov. Neft. khoz. 45 no. 12-48-51 D '67.
- Current and time characteristics for protection of mine traction networks from current short-circuits and leakage presenting fire hazards. I. T. Sidorchuk. Gor. elektromekh. i avtom. no 8 19-27 '67.
- Determining optimum parameters for operating troughs and roller traction members of hopper trains. B. A. Stukachinskiy. Nauch. trudy KNIUI no 17 91-95 '65.
- Determining the optimum front of removal with automatic dump trucks and with the aid of queuing theory. V. G. Schiman, S. A. Bondar, B. L. Pedashenko. Gor. zhur. 142 no. 5 21-23 Mj '67.
- Determining traction power of scraper conveyors and their traction members. B. A. Stukachinskiy, G. I. Solod. Nauch. trudy KNIUI no 17 63-69 '65.
- Development of the automation of pipelines. V. B. Pivovarov and others. Transp. i khran. nefti i nefteprod. no 11 18-21 '67.
- Distribution of the electromagnetic energy along the conducting wire in mine haulage drifts. A. P. Kuz'menko, A. K. Strokovskiy. Nauch. trudy KNIUI no 17 186-193 '65.
- Dynamic stresses upon conveyor drives from lumpy materials being loaded. G. T. Kodyk, L. M. Alotin, V. D. Zhil'mikov. Nauch. trudy KNIUI no 17 53-60 '65.
- Economic work in the system of petroleum supply to correspond to the new tasks. V. V. Razumov. Transp. i khran. nefti i nefteprod. no 11 35-38 '67.
- Efficient technological flow sheets for skip hoists. O. I. Mosin. Nauch. trudy KNIUI no 17 176-175 '65.
- Experience in the movement of belt conveyors. A. M. Makeyev, I. U. V. Sokolov. Gor. zhur. 142 no. 5 21-25 Mj '67.
- Experimental determination of the rate of longitudinal wave propagation in the belt of telescopic conveyors. O. I. Mosin, L. M. Alotin. Nauch. trudy KNIUI no 17 73-77 '65.
- Experimental study and industrial testing of the relay for regulating the drive of hoisting according to the G - D (generator - motor) system on thyristors. A. D. Dinkel'. Gor. elektromekh. i avtom. no 8 37-41 '67.
- Experimental study of the displacements of conveyor belts on the drive drum. A. N. Danilov. Nauch. trudy KNIUI no 17 176-180 '65.
- Fifty years of the Great October Socialist Revolution. Gaz. prom. 12 no. 11 3-4 N '67.
- Greetings of the Central Committee of the CPSU and the Council of Ministers of the U. S. S. R. to the builders of the gas pipeline from Soviet Central Asia to Central Russia. Gaz. prom. 12 no. 11 1 N '67.
- Improving the equipment for the storage of pulverized materials in the Donets Basin coal mines. M. S. Lunetskii. Ugol' Ukr. 11 no. 7-25-26 JI '67.
- Investigating and determining the magnitude of errors produced by apron conveyors in continuous weighing of load. L. M. Alotin, V. K. Denis. Nauch. trudy KNIUI no 17 10-17 '65.
- Investigating dynamics of vibration conveyors with cam drive under underground conditions. V. I. A. Shemiakin, R. A. Gaid. Nauch. trudy KNIUI no 17 142-147 '65.
- Investigating parameters of a thyristor system for controlling mine electric locomotives. S. A. Volotkovskiy, M. I. Golubov. Gor. elektromekh. i avtom. no 8 55-63 '67.
- Investigating starting clutches with hydraulic decelerators. I. M. Alotin, M. P. Sin. Nauch. trudy KNIUI no 17 78-83 '65.
- Investigating the effect of the wear of circular chains on the performance of traction mechanisms. L. M. Alotin, V. K. Denis. Nauch. trudy KNIUI no 17 5-9 '65.
- Investigating the possibility of using electric conveyor weights as transducers of automatic control and regulation systems. V. K. Denis. Nauch. trudy KNIUI no 17 107-112 '65.
- Letter of greeting to the Central Committee of the CPSU and the Council of Ministers of the U. S. S. R. Gaz. prom. 12 no. 11 2 N '67.
- Measuring equipment for complex frequency protection in mine transportation. V. A. Bun'ko, V. L. Kozhevnikov, N. M. Tolstosong. Gor. elektromekh. i avtom. no 8 95-101 '67.
- Mechanization of repair work of pipelines. K. E. Raschepkin. Transp. i khran. nefti i nefteprod. no. 11 14-18 '67.
- Methods of carrying out complex investigations on the stand of telescopic belt conveyors. L. M. Alotin, O. I. Mosin. Nauch. trudy KNIUI no 17 66-72 '65.
- Modernizing unloading equipment for mining buckets. P. A. Aptekar. Ugol' Ukr. 11 no. 7 19-20 JI '67.
- Pipeline transportation of viscous petroleum and petroleum products. V. E. Gubin. Transp. i khran. nefti i nefteprod. no. 11 21-24 '67.
- Preparing petroleum pipeline administrations for the changeover to the new system of planning and economic stimulation. V. I. Tykov. Transp. i khran. nefti i nefteprod. no. 11 38-43 '67.
- Pressed wood for the maintenance of railways. V. T. Lashchenko, V. A. Komarov. Ugol' Ukr. 11 no. 29 JI '67.
- Prevention of losses of petroleum and petroleum products. E. I. Rzhavskiy. Transp. i khran. nefti i nefteprod. no. 11 27-30 '67.
- Problems in connection with the improvement of transportation, labor, and administration in the petroleum transportation. V. A. Khochimov. Transp. i khran. nefti i nefteprod. no. 11 14-18 '67.
- Problems of the development of main-line hydraulic transportation in the U. S. S. R. A. G. Smolodov. Izv. AN SSSR, Fiz.-mat. nauch. 3-8 N-D '67.
- Propagation of electromagnetic waves in arcuate mines with no metallic guideway. A. K. Stukachinskiy, A. K. Stukachinskiy. Nauch. trudy KNIUI no 17 180-186 '65.
- Prospects for the development of pipeline transportation of petroleum and petroleum products. E. I. Rzhavskiy. Transp. i khran. nefti i nefteprod. no. 11 27-30 '67.
- Prospects for the development of tank transportation. B. O. Zhurav. Transp. i khran. nefti i nefteprod. no. 11 21-27 '67.
- Redesigning the unloading equipment. A. F. B. others. Ugol' Ukr. 11 no. 7 37-39 JI '67.
- Results of testings of heavy-duty KRM-150 and KRM-150 belt conveyors. I. I. Petukhov, I. A. Lavrenko. Nauch. trudy KNIUI no 17 30-36 '65.
- Selecting efficient parameters for mounting sprockets of intermediate driven sprockets on belt conveyors. I. E. Shenko. Nauch. trudy KNIUI no 17-26 '65.
- Some estimated indices for the preliminary economic and economic evaluation of the petroleum pipeline. V. G. Dubinskii. Khran. nefti i nefteprod. no. 10 10-14 '67.
- Some results of industrial testings of KRM-150 belt conveyors. I. A. Lavrenko, I. I. Petukhov. Nauch. trudy KNIUI no 17 27-30 '65.
- Technical and economic bases for mining in the U. S. S. R. in mine stations with the loading without conveyor. A. Stepanenko. Nauch. trudy KNIUI no 17 60-63 '65.
- Theoretical and experimental investigations of the loading of materials onto belt conveyors. O. I. Mosin. Nauch. trudy KNIUI no 17 14-18 '65.
- Transcontinental gas pipeline from Soviet Central Asia to Central Russia. K. K. Smirnov. Gaz. prom. 12 no. 11 5-6 N '67.
- Using phase-sensitive circuits for protection of low-voltage cable networks from metallic short circuits. I. U. A. Kochenkov. Gor. elektromekh. i avtom. no. 8 28-36 '67.
- Ways of improving surface units of conveyor transportation. G. T. Kodyk and others. Nauch. trudy KNIUI no 17 180-170 '65.

622.6(471)—Russian Soviet Federation and USSR Republic (R. S. F. S. R.)

- Development of the transportation and storage of petroleum and petroleum products in the R. S. F. S. R. during the 50 years of the Soviet rule. Transp. i khran. nefti i nefteprod. no. 11 1-6 '67.
- Work achievements of leading petroleum workers. Glavneftemash of the R. S. F. S. R. P. V. A. N. Nechayev. Transp. i khran. nefti i nefteprod. no. 11 53 '67.

622.6(471.232)—Leningrad City

- Leningrad Administration. S. I. Babin, I. S. S. Gaz. prom. 12 no. 11 17-20 N '67.

622.6(471.310)—Moscow City

- Moscow Administration of the Order of Lenin. S. I. Sedukh. Gaz. prom. 12 no. 11 27-30 N '67.

622.6(471.52)—Bashkirs S. S. R.

- Ural-Siberian Petroleum Pipeline Administration. On the eve of the 50th anniversary of the October Revolution. D. A. Cherniavov. Transp. i khran. nefti i nefteprod. no. 11 9-12 '67.

622.6(470)—White Russian S. S. R.

- Minsk Administration. G. M. Dzagladze, A. V. I. kov. Gaz. prom. 12 no. 11 15-17 N '67.

622.6(477)—Ukrainian S. S. R.

- Kiev Administration. V. S. Chernovol. Gaz. prom. 12 no. 11 10-11 N '67.

622.6(571)—Asianic R. S. F. S. R.

- Pipeline transportation in Siberia. V. M. B. others. Transp. i khran. nefti i nefteprod. no. 11 12-14 '67.
- Ural-Siberian Petroleum Pipeline Administration. On the eve of the 50th anniversary of the October Revolution. D. A. Cherniavov. Transp. i khran. nefti i nefteprod. no. 11 9-12 '67.

622.6(575.1)—Uzbek S. S. R.

- Administration of the Bukhara - Ural gas pipeline. V. S. Zotov. Gaz. prom. 12 no. 11 12-14 N '67.

622.7 MINERAL DRESSING. ORE PREPARATION

- Additives during the pelletizing of finely ground concentrates. V. A. Utkov, E. A. Pukhominov. Trudy inzh. no. 13 91-93 '66.

- Automatic control system for the density and unloading of slimes from SKRSh-10 thickeners. I. M. Anosov and others. Ugol' 42 no. 8 70-72 Ag '67.
- Behavior of high-basaltic sinter in the process of reduction smelting. L. I. Leont'ev, V. A. Utkov. Trudy Inst. met. no. 13 38-42 '66.
- Beneficiation of Angren kaolins for ceramics production. A. K. Kuzovlev and others. Stek. i ker. 21 no. 4 29-33 Ap '67.
- Certain physicochemical properties of red mud sinter. O. A. Arkhipov, Z. A. Obyednova. Trudy Inst. met. no. 13 77-80 '66.
- Changes in the structure of sinter in the reduction process. T. V. Sapozhnikova, S. V. Shavrin, A. V. Chent'ov. Trudy Inst. met. no. 13 55-62 '66.
- Characteristics of the chemical composition of bituminoids in various types of organic matter in oil shales (according to infrared absorption spectra). I. A. Shakh, A. I. Ginzburg. Khim. i ver. topl. no. 5 110-117 S-O '67.
- Characteristics of the combustion of coke breeze during the sintering of magnetite ore. M. I. A. Groshev and others. Trudy Inst. met. no. 13 67-68 '66.
- Complex treatment of oxidized nickel-cobalt ores. V. I. Rybnikov, V. I. Smitinov. Sbor. Ural. politekh. inst. no. 155 23-26 '67.
- Desilting coal slimes with sodium pyrophosphate and soda ash. L. V. Kuchagin and others. Ugol' Ukr. 11 no. 7 39-42 Ji '67.
- Effect of technological factors on the quality of highly basic sinter made of finely-ground concentrates. V. A. Utkov and others. Trudy Inst. met. no. 13 5-12 '66.
- Effect of the heating rate and the degree of coal comminution on the yield and properties of the fluid part of the plastic mass. M. G. Skliar, O. N. Blagov-shaia. Khim. i ver. topl. no. 5 103-109 S-O '67.
- Efficient degree of averaging coals in low-ground stockpiles of coal storage. D. A. Muchnik, R. M. Pustushina. Ugl's i khim. no. 12 1-1 '67.
- Emel'yanov, A. V., V. S. Plevako, and V. P. Bagrov. [Efficiency of dressing iron quartzites] Effektivnost' obogashcheniya zhelezistykh kvartsitov Dnepropetrovsk, Promin', 1967. 49 p.
- Equipment for the testing of hot sinter. M. Sh. Khaikin. Metallurg. 12 no. 6 11-12 Ju '67.
- Expansion of coal preparation in the last 50 years. I. S. Blagov. Ugol' 42 no. 11 81-88 N '67.
- Experience in the autoclave leaching of sulfide nickel-cobalt concentrate by ammonia in the presence of oxygen. V. I. Rybnikov, V. I. Smitinov. Sbor. Ural. politekh. inst. no. 155 7-13 '67.
- Experience in the treatment of sulfide nickel-cobalt concentrate by the autoclave method. S. S. Nabokchenko, V. I. Smitinov. Sbor. Ural. politekh. inst. no. 155 15-52 '67.
- Gas chromatographic determination of benzole isomeric phthalic acids in coal oxidation products. E. A. Gligori'eva. Khim. i ver. topl. no. 5 91-95 S-O '67.
- High-basaltic sinter with a high magnesium content. V. A. Utkov, V. V. Kashin. Trudy Inst. met. no. 13 13-16 '66.
- Hydraulic drive for operating bells of blast furnace charging equipment. K. P. Gullant'skil and others. Stal' 27 no. 11:991-994 N '67.
- Influence of the performance of a furnace and the efficient composition of a mixture on the desulfuration during sintering. V. Z. Charnyi and others. Sbor. Ural. politekh. inst. no. 155:60-67 '67.
- Investigating the ammonium leaching of nickel matte. S. S. Nabokchenko, V. I. Smitinov. Sbor. Ural. politekh. inst. no. 155 14-22 '67.
- Koval', B. A., and P. K. Gubskii. [Safety techniques in coal preparation plants] Tekhnika bezopasnosti na uglebogatitel'nykh fabriках, Moskva, Nedra, 1967. 245 p.
- Kovalenko, V. I., S. A. Tikhonov, and Yu. A. Izmodenov. [Nonmetallic mineral dressing] Obogashchenie nemetallicheskiy poleznykh iskopaemykh. Moskva, Nedra, 1967. 245 p.
- Magnetizing roasting of chromite ores in enlarged units. N. V. Fedorenko, G. K. Ivanova. Teor. i prak. met. no. 8 3-9 '66.
- Mangushev, K. I. [Processing drilling muds by hydrocyclones] Gidrotsiklonnaya obrabotka promyshlennykh zhidkostey v burenii. Ufa, Bashkirskoe knizhnoe izd-vo, 1965. 86 p.
- Method of calculating technological indices of gravity preparation processes. N. I. A. Suprun, Yu. M. Suprun. Koks i khim. no. 12 7-11 '67.
- Nature of the Seov blast furnace sinter. S. V. Ivanova, V. A. Utkov, M. V. Smetanin. Trudy Inst. met. no. 13 51-55 '66.
- Obtaining an alkaline fluxed sinter from aluminous limonites. O. A. Arkhipov, N. G. Moleva. Trudy Inst. met. no. 13 81-85 '66.
- Preparation of Estonian oil shales. I. S. Blagov, V. S. Kaminskii, A. P. Petrov. Ugol' 42 no. 9 52-56 S '67.
- Results of investigating the action of reagents in coal flotation. V. I. Klassen, N. S. Vlasova. Fiz.-tekhn. probl. razrab. pol. iskop. no. 5:72-80 S-O '67.
- Sintering of a flotation concentrate of pyritic residues. V. I. A. Miller, V. A. Utkov. Trudy Inst. met. no. 13 88-90 '66.
- Specific efficiency of the duplex process of sintering. V. I. A. Miller, V. A. Utkov. Trudy Inst. met. no. 13 47-50 '66.
- Stabilization of dicalcium silicate by calcium ferrite. V. A. Utkov, S. V. Ivanova, N. D. Shamanova. Trudy Inst. met. no. 13 26-28 '66.
- Studying the effect of the density of coal separation on the improvement of coking properties of concentration products. A. G. Belichenko, F. Z. Plenskii, Yu. A. Chirnyshov. Khim. i ver. topl. no. 5 118-122 S-O '67.
- Using highly basic sinter in open-hearth furnace smelting. A. L. Klein and others. Trudy Inst. met. no. 13 19-25 '66.
- 622.7(471.54)—Sverdlovsk Province
- Production of an open-hearth furnace sinter with a basicity of 4.5 - 6.0 on sintering belt No. 1 at the Seov Metallurgical Combine. V. Kh. Vakulenko and others. Trudy Inst. met. no. 13 13-16 '66.
- 622.7(477)—Ukrainian S. S. R.
- Coal preparation plants of the Donets Basin for the 50th anniversary of the Great October. Ugol' Ukr. 11 no. 11 31-32 N '67.
- Some problems arising from work practices of the Kirov Rog Central Coal Preparation Plant with regard to the new system of planning and economic stimulation. P. N. Ivanov, A. V. Pogarsky. Ugol' Ukr. 11 no. 5 46-49 Je '67.
- 622.7(479.25)—Armenian S. S. R.
- Sagradian, A. L. [Technology of dressing complex metal ores of Armenia] Tekhnologiya obogashcheniya polimetallicheskiy rud Armenii. Erevan, Aratsian, 1966. 111 p.
- 622.7(574)—Kazakh S. S. R.
- Centralize the manufacture of crushing balls. N. Kuni-tsyn, Nar. khos. Kazakh. 25 no. 12 69-70 Ju '67.
- Dressing of Lisakovka ore on electromagnetic separators with intensive magnetic field. L. N. Khersonets and others. Gor. zhur. 112 no. 5 56-57 My '67.
- 622.8 SAFETY AND HEALTH PROTECTION IN MINES ACCIDENTS DAMAGE
- Aerodynamic resistance of chip and oil filters. E. S. Zhnanabatyrov, G. I. V'ugov. Nauch. trudy KNIUI no. 7 271-277 '63.
- The AMT-31-12 telemetric station for the centralized control of mine gases. A. N. Sheherban and others. Ugol' Ukr. 11 no. 6 15-18 Je '67.
- Ardashev, K. A., and others. [Improving rock pressure control during the mining of inclined and thick seams] Sovetskoye upravleniye gor'nykh davleniem pri razrabotke naklonnykh i klytklykh plastov. Moskva, Nedra, 1967. 287 p.
- As the Mekeevka Scientific Research Institute of Labor Safety in the Mining Industry. Ugol' Ukr. 11 no. 6 52-53 Je '67.
- At the all-Union seminar on the effectiveness of coal seam degasification. Ugol' Ukr. 11 no. 6 54 Je '67.
- Basic premises of provisional regulations regarding the protection of structures on ore deposits with an insufficiently studied character of rock displacement processes. M. A. Kuznetsov. Sbor. VNIMI no. 62 311-336 '66.
- Burilakov, V. N., and A. M. Birzul. [Safety engineering in ore mines] Tekhnika bezopasnosti na rudnykh shakhtakh. Kiev, Tekhnika, 1967. 153 p.
- By joint efforts. M. S. Naev. Sov. shakht. 16 no. 8:7 Ag '67.
- Calculating earth surface deformations in ore deposits. S. P. Kolbenkov. Sbor. VNIMI no. 62 290-293 '66.
- Character of the movement of earth surface in unstratified enclosing rocks. M. A. Kuznetsov, T. Sh. Sakayeva. Sbor. VNIMI no. 62 300-310 '66.
- Classification of coal seams by their wettability. V. N. Shilenkov. Nauch. trudy KNIUI no. 7 295-298 '63.
- Comparative estimate of various diagrams for the distribution of degasification boreholes from the standpoint of their use in preliminary wetting of coal. L. I. Ryzhikh. Nauch. trudy KNIUI no. 7 292-295 '63.
- Conditions and possible ways of the development of methods for surveying inaccessible steep slopes. L. N. Rudnev, G. A. Shekhovtsov. Sbor. VNIMI no. 62 241-257 '66.
- Constructing characteristics of a ventilation system with two jointly working fans. N. M. Ershov. Nauch. trudy KNIUI no. 7 308-310 '63.
- Conveyor with automatic loading and unloading. V. I. Rogonskii. Lit. proizv. no. 3:37 Mr '67.
- Degasification during the development working in thick seams. M. M. Levin. Nauch. trudy KNIUI no. 7 150-166 '63.
- Degasification of accessory mineral and worked-out areas by vertical boreholes made from the surface. M. M. Levin, V. A. Sadechikov. Nauch. trudy KNIUI no. 7 127-130 '63.
- Dependence of the gas emanation in mining areas on industrial processes and barometric pressure. A. M. Ustinov. Nauch. trudy KNIUI no. 7 181-191 '63.
- Determining parameters of water injection into coal seams through deep boreholes by testing design characteristics. L. N. Karagodin, R. N. Krigman. Ugol' 42 no. 9 17-50 S '67.
- Determining the carrying capacity of interchamber pillars in ore deposits. S. A. Batagin. Sbor. VNIMI no. 62:160-166 '66.
- Determining the degree of fire hazards in various mining systems in the Prokopyevsk-Kiselevsk region of the Kuznetsk Basin. V. I. Bugimov, L. V. Sameta, V. A. Shishorin. Ugol' 42 no. 9 14-46 S '67.
- Economy and organization of work in various diagrams for water injection into coal seams. L. I. Ryzhikh. Nauch. trudy KNIUI no. 7 284-291 '63.
- Effectiveness of dust settling by wetting during blasting operations. E. S. Zhnanabatyrov. Nauch. trudy KNIUI no. 7 260-261 '63.
- Efficiency of chip and oil filters, and selection of their optimum parameters. E. S. Zhnanabatyrov, G. I. V'ugov. Nauch. trudy KNIUI no. 7 269-271 '63.
- Efficient distribution of holes in longwalls for water injection into coal seams. A. P. Pochuc. Nauch. trudy KNIUI no. 7 303-306 '63.
- Estimating the metal content in impregnated complex ore deposits. V. E. Grigor'ev. Sbor. VNIMI no. 62 237-240 '66.
- Estimating the results of the industrial survey, and the selection of face samplings in mines of the "Pecheng-ganckel" Combine. Z. D. Nizhneitskii, I. S. Garber, V. E. Grigor'ev. Sbor. VNIMI no. 62 222-235 '66.
- Experience in the hermetization of degasification boreholes made under various conditions. V. A. Sadechikov. Nauch. trudy KNIUI no. 7 172-181 '63.
- Experience in undermining surface reservoirs at the "Zhurinka-3" Coal Mine of the Kuzbassgugol' Combine. I. D. Chirpanov. Ugol' 42 no. 8 51-52 Ag '67.
- Extent of earth surface deformations during underground mining of ore deposits. V. G. Yumov. Sbor. VNIMI no. 62 278-281 '66.
- Gas manifestations and gas conditions at potassium mines. K. V. Koshchev, T. K. Efremova, V. P. Shveto, Gor. zhur. 112 no. 5:62-64 My '67.
- Heightening the accuracy of determining horizontal movements. V. L. Kuz'min. Sbor. VNIMI no. 62 294-299 '66.
- Improving the relieving method for stress determination in hard fissured rocks. G. T. Nesterenko, R. K. Tverdok-skii, R. P. Attemov. Sbor. VNIMI no. 62 169-182 '66.
- Improving the safety of operations in coal mining enterprises. L. G. Mel'nikov. Ugol' 42 no. 11 76-80 N '67.
- Influence of the angle of incidence of an elastic wave on the stressed state of outer zones in free surfaces of underground workings. G. G. Il'yevich. Sbor. VNIMI no. 62 344-352 '66.
- Influence of the fractured state and the change in the mineralogical composition of rocks on the value of their strength in a uniaxial contraction, on the example of the mineralized serpentines of the Pechenga copper-nickel deposits. V. D. Paili, Yu. D. Orlov, I. I. Protod'kov. Sbor. VNIMI no. 62 183-195 '66.
- Influence of the shape of pressure impulse on certain elements of the characteristics of hydraulic-percussion drills. V. G. Iakov. Gor. elektromekhn. avtom. no. 8 102-105 '67.
- Investigating changes in the strained and stressed state of pillars under variable pressures, on the example of the Kuznetsk Mine. V. D. Paili and others. Sbor. VNIMI no. 62 206-223 '66.
- Investigating the accuracy of measurements made in relation to displacements of depth datum marks. B. S. Skozhlov. Sbor. VNIMI no. 62 268-277 '66.
- Investigating the seismic effect of explosions upon underground workings. G. T. Nesterenko, B. N. Sevast'yanov. Sbor. VNIMI no. 62:101-116 '66.
- Investigating the stability of wall rock and ore outcropping at the Aityn-Topkan Mine. G. T. Nesterenko, B. S. Skozhlov, V. P. Mikheev. Sbor. VNIMI no. 62 258-267 '66.
- Investigating the stressed state of heterogeneous pillars. V. D. Paili and others. Sbor. VNIMI no. 62 196-205 '66.
- Ivanov, B. M. [Mechanization of mine rescue operations] Mekhanizatsiya gornospasatel'nykh rabot. Moskva, Nedra, 1967. 32 p.
- Laboratory testings of filling materials. I. I. Korovin, S. P. Kolbenkov. Sbor. VNIMI no. 62 224-228 '66.
- Laboratory testings of porous air filters. E. S. Zhnanabatyrov, G. I. V'ugov. Nauch. trudy KNIUI no. 7 285-289 '63.
- Main factors influencing the process of water injection into seams through deep boreholes. V. N. Shilenkov, L. I. Ryzhikh. Nauch. trudy KNIUI no. 7 298-303 '63.
- Main results of the preliminary degasification of the self-contained, thick, and lightly inclined Vorkhnta Marianna seams, and future prospects for the expansion of degasification. E. I. Prokhorzhenskaya. Nauch. trudy KNIUI no. 7 45-69 '63.
- Mechanism of the interaction of stress waves in various methods of blasting. P. G. Baianov. Fiz.-tekhn. probl. razrab. pol. iskop. no. 5 43-50 S-O '67.
- Method of calculating the quantity of water for coal block wetting. V. P. Zhuraviev. Nauch. trudy KNIUI no. 7 229-233 '63.
- Method of measuring vertical distances to radioactive bench marks in boreholes. N. M. Nikol'skii, S. G. Mamukov. Sbor. VNIMI no. 62:327-333 '66.
- Methods of calculating and establishing norms for reasonable degree of ore losses and their depletion in the massif. A. N. Omeletchenko, M. I. Gielzer, M. D. Onishchenko. Sbor. VNIMI no. 62:3-92 '66.
- Modeling the interaction of nondischarging supports with lateral rocks. Yu. F. Savonko, N. D. Medvedchuk. Ugol' Ukr. 11 no. 11:49-51 N '67.

- 622.8 (Continued)
- The most advantageous form of underground mine workings. B. I. Khalepskiy. Nauch. trudy KNIUI no. 7 359-367 '63
- Movement of earth surface in some mines of Central Asia. V. S. Troitskiy. Sbor. VNIMI no. 62 282-289 '66.
- A new estimate of the difficulty of mine ventilation. A. M. Ustinov, V. P. Bogachev. Nauch. trudy KNIUI no. 7 37-45 '63.
- New self-rescuers. Ugol' 42 no. 8-76 Ag '67.
- Nomogram for calculating simple diagonal connections in ventilation systems. S. T. Tolmachev. Ugol' 42 no. 9 50-52 S '67.
- Organizing operations connected with preliminary wetting of coal in longwalls. V. N. Shilenkov, L. I. Ryzhikh, A. P. Poeluev. Nauch. trudy KNIUI no. 7 280-284 '63.
- Physical bases for forecasting and preventing gas dynamics occurrences. V. V. Khodol and others. Fiz.-tekhn. probl. razrab. pol. iskop. no. 5-7-24 S-O '67.
- Preliminary wetting of coal through short holes under the conditions of Karaganda Basin. V. N. Shilenkov, L. I. Ryzhikh, A. P. Poeluev. Nauch. trudy KNIUI no. 7 197-205 '63.
- Problem of determining the direction of degasification boreholes made in the accessory mineral of coal seams. V. A. Saldchikov. Nauch. trudy KNIUI no. 7 166-172 '63.
- Prognosis of rock stability in mine workings according to data of exploratory boring. M. P. Burtsev, S. I. Malinin. Ugol' 42 no. 9-31-34 S '67.
- Protecting degasification and parameters of its block diagrams in carrying out development workings. P. I. Kokorin, B. G. Tarasov, A. S. Riabchik. Fiz.-tekhn. probl. razrab. pol. iskop. no. 5-51-64 S-O '67.
- Protection of mine electric networks from short-circuit currents. I. S. Petushkov. Gor. elektromekh. i avtom. no. 8-76-83 '67.
- Results of investigations relative to rock displacements in iron ore deposits of the Urals. M. F. Chernyshev, G. P. Semenov. Sbor. VNIMI no. 62-334-343 '66.
- Results of the all-Union competition for creating new means in the control of gas emanations and sudden outbursts of coal and gases. A. P. Kulikov. Ugol' 42 no. 9-66-70 S '67.
- Rock outbursts at the Starobit deposit of potassium salts. N. P. Krasnokutskiy. Gor. zhur. 142 no. 5 64-65 My '67.
- Scientific bases for controlling spontaneous combustion of coals and ores. V. S. Veselovskiy and others. Fiz.-tekhn. probl. razrab. pol. iskop. no. 5-25-35 S-O '67.
- Selecting fillers for porous filters in the purification of air from dust in mines. E. S. Zhanabatyr, G. I. Vitugov. Nauch. trudy KNIUI no. 7 277-280 '63.
- Some results of studying stress and deformation conditions of the massif around stopes. T. F. Gorbachev, G. I. Gritsko. Fiz.-tekhn. probl. razrab. pol. iskop. no. 5-36-42 S-O '67.
- Studying the process of rock swelling in workings of the Sudon deposit. F. I. Boreiko, O. L. Vekhshefskiy, R. V. Komarov. Sbor. VNIMI no. 62 353-357 '66.
- Use mining machinery more efficiently. Ugol' 42 no. 8-75-76 Ag '67.
- Use of electrometry in investigating the stressed state of rocks. S. I. A. Logen'kiy. Sbor. VNIMI no. 62-147-150 '66.
- Use of mine water in dedusting mine workings. G. P. Kargin. Nauch. trudy KNIUI no. 7 354-358 '63.
- Using degasification boreholes for preliminary wetting of coal. V. N. Shilenkov, L. I. Ryzhikh, A. P. Poeluev. Nauch. trudy KNIUI no. 7 205-215 '63.
- Wetting additions for coal dust control. V. F. Nodtchil. Nauch. trudy KNIUI no. 7 222-229 '63.
- 622.8(477)—Ukrainian S.S.R.
- Mining in the outburst-prone sandstone of the Donetsk-Makeyevka region of the Donetsk Basin. V. I. Nikolai, A. A. Nakhatovich. Ugol' Ukr. 11 no. 7-35-37 JI '67.
- 622.8(574)—Kazakh S.S.R.
- Air dustiness in certain mines of the Central Kazakhstan and main ways of its reduction. E. S. Zhanabatyr, Nauch. trudy KNIUI no. 7-244-249 '63.
- Antistatic train and its objectives in controlling pneumoconiosis in the Central Kazakhstan. A. I. Nesle. Nauch. trudy KNIUI no. 7-340-346 '63.
- Calculation of methane emanation according to sources of the inflow in designing the degasification of accessory mineral in the Karaganda Basin coal mines. T. P. Mironova. Nauch. trudy KNIUI no. 7 98-109 '63.
- Degasification by the method of gas sucking from worked-out areas in the Karaganda Basin coal mines. M. M. Levin. Nauch. trudy KNIUI no. 7-109-126 '63.
- Dynamics of air dustiness in the Karaganda Basin coal mines. V. N. Shilenkov. Nauch. trudy KNIUI no. 7-191-197 '63.
- Experience in degasifying the accessory mineral of the Noviy, Dvoinoi, and Vyshnerednii coal seams in the Karaganda Basin mines. M. M. Levin. Nauch. trudy KNIUI no. 7-130-149 '63.
- Gas emanation from degasification boreholes made in the Verkhniaya Mariyana seam. E. I. Probozhenskaya. Nauch. trudy KNIUI no. 7 69-79 '63.
- High content of methane in the Karaganda Basin coal mines. E. I. Probozhenskaya. Nauch. trudy KNIUI no. 7-13-13 '63.
- Intermediate purification of ventilating current from dust at the Eastern Kounradskiy Mine. E. S. Zhanabatyr, G. I. Vitugov. Nauch. trudy KNIUI no. 7-250-260 '63.
- Main results of the preliminary degasification of the self-contained, thick, and highly inclined Verkhniaya Mariyana seam, and future prospects for the expansion of degasification. E. I. Probozhenskaya. Nauch. trudy KNIUI no. 7-45-69 '63.
- Peculiarities of ventilation of the Eastern Kounradskiy Mine. N. A. Kareev. Nauch. trudy KNIUI no. 7 233-243 '63.
- Preliminary degasification of the Feliks seam without relieving the rock pressure. E. I. Probozhenskaya. Nauch. trudy KNIUI no. 7 80-98 '63.
- Prospects for preliminary wetting of coal in the Karaganda Basin. A. P. Poeluev. Nauch. trudy KNIUI no. 7 215-222 '63.
- Selecting efficient flow sheets for the ventilation of mining areas in the Karaganda Basin coal mines. A. M. Ustinov. Nauch. trudy KNIUI no. 7 13-37 '63.
- 623.4 ORDNANCE GUNS. SERVICE VEHICLES. AMMUNITION. WAR GASES
- The command post and flight safety. A. S. Epishin. Mor. sbor. 51 no. 11-70-82 N '67.
- Establishment of the type and identification of Soviet small-caliber firearms based on the empty cases. V. M. Saakian. Uch. zap. Erev. un. 101 73-125 '65.
- 623.74 MILITARY AND NAVAL AIRCRAFT
- Workers of the aviation service force. Tyi i snab. Sov. Voor. Sil. 27 no. 8-78-81 Ag '67.
- 624 CIVIL, STRUCTURAL ENGINEERING
- Development of scientific research methods in the construction and road machinery industry. V. A. Bauman. Stroitel. dor. mash. 12 no. 11 34-38 N '67.
- Greetings, dear comrades, on the occasion of the Great Holiday. L. S. Novoselov. Stroitel. dor. mash. 12 no. 11 3-3 N '67.
- Research, and planning and design organizations of the construction, road and communal machinery industry. V. A. Nikiforov. Stroitel. dor. mash. 12 no. 11 30-34 N '67.
- [Structural mechanics] Stroitel'naya mekhanika. Moskva, Stroiizdat, 1968. 352 p
- 624(477)—Ukrainian S.S.R.
- Introducing advanced structural elements. G. Sveshnikov. Eksp. stroit. 9 no. 9-43-47 S '67.
- 624.1 EARTHWORK. FOUNDATIONS. SUB-STRUCTURES. TUNNELING
- Conference-symposium on pile foundations. Stroi. 21 no. 12 28-29 D '66.
- Development of pile driving equipment in the U.S.S.R. V. V. Villumson and others. Stroitel. dor. mash. 12 no. 11 14-16 N '67.
- Dry comminution of limestone at the pelletizing plant of the Krivoy Rog Central Mining and Ore Dressing Combine. V. I. Nitsenko, I. L. Rovenskii, V. F. Bernado. Gor. zhur. 142 no. 5-58-59 My '67.
- Model of a punched card for processing field observations in engineering geological surveying. N. M. Khafim. Izv. vys. ucheb. zav. i razv. 9 no. 12-66-70 D '66.
- Shock absorptivity in buildings during severe earthquakes. S. V. Puchkov. Stroitel. arkhitekt. 8 no. 9-1-3 S '67.
- Smorodnikov, M. I., and others. [Pile driving equipment] Svoobolnoe oborudovanie. Pod obshch. red. M. I. Smorodnina. Moskva, Mashinostroyeniye, 1967. 189 p.
- Some aspects encountered in the study of the stability of slopes. L. S. Lapidus, B. V. Gusev. Trudy TASHIIT no. 33 111-116 '65.
- Use of variational computations for the study of physico-mechanical properties of soils. B. V. Gusev. Trudy TASHIIT no. 33 100-110 '65.
- Ways of increasing efficiency in sinking bore pits in engineering-geological studies. O. V. Zelenosov, B. M. Rebrlik. Izv. vys. ucheb. zav. i razv. 10 no. 11: 109-114 N '67.
- Zurnadzh, V. A., and V. V. Nikolaev. [Soil mechanics, foundation beds, and foundations] Mekhanika gruntov, osnovaniya i fundamente. Moskva, Vysshaya shkola, 1967. 415 p.
- 624.1(479.25)—Armenian S.S.R.
- Karapetian, B. K. [Vibration of structures in Armenia] Kolebanie sooruzhenii, vozvedennykh v Armenii. Erevan, Atastan, 1967. 169 p.
- Simplified method for the determination of parameters of water- and oil-bearing layers. G. A. Garunov, G. A. Mataev. Izv. vys. ucheb. zav. i razv. 10 no. 11, 89-92 N '67.
- 624.2 SUPERSTRUCTURES. BRIDGES
- Replacement of six span structures during a sector shutdown. M. N. Provodina. Put' i put. khoz. 11 no. 7-32-33 '67.
- Roadbed without ballast. V. A. Aretinskiy. Put' i put. khoz. 11 no. 3-9 '67.
- Track laying unit will replace the equalizing devices. G. A. Zdesenko, I. U. K. Maiboroda, N. F. Ivashchenko. Put' i put. khoz. 11 no. 8 5-6 '67.
- 625 RAILWAY, HIGHWAY ENGINEERING
- [Construction equipment and road machinery] Ref. zhur. : Stroitel. dor. mash. no. 11 N '67.
- Practice in improving the organization of the work of G. Mikhailov. Sols. trud. 12 no. 12-80-84 D '67.
- Roadbed without ballast. V. A. Aretinskiy. Put' i put. khoz. 11 no. 8 9 '67.
- Scientific and technical conference. Put' i put. khoz. 11 no. 8-40-41 '67.
- Sprayer train. N. P. Barybin, A. P. Nikolaev. Put' i put. khoz. 11 no. 7-35 '67.
- Track laying unit will replace the equalizing devices. G. A. Zdesenko, I. U. K. Maiboroda, N. F. Ivashchenko. Put' i put. khoz. 11 no. 8 5-6 '67.
- 625.1 RAILWAY ENGINEERING EQUIPMENT AND TRACK
- Achievements in the field of heat treatment of rails. I. U. V. Grdina. Izv. vys. ucheb. zav. i razv. 10 no. 10-132-139 '67.
- At an experimental lot. A. A. Simon, S. G. Lyasev. Put' i put. khoz. 11 no. 8 10-11 '67.
- Braking force of creeping occurring when trains stop at railroad station tracks. V. V. Korotkov, V. P. Tarasov. Trudy TASHIIT no. 33 64-67 '65.
- Branch conference. Put' i put. khoz. 11 no. 8-21 '67.
- Condition of switches should be improved. K. P. Zhuk, D. P. Silvestov. Put' i put. khoz. 11 no. 7-3-4 '67.
- Continuous rail track on a new line. G. C. Lort'yan, G. I. Novozhilov, L. N. Torokhin. Put' i put. khoz. 11 no. 24-25 '67.
- Correcting spreading of track on 5-6 reinforced concrete ties by means of changing the canting of rails. P. I. Kolesnikov, I. U. A. Sinagin. Trudy TASHIIT no. 33 57-63 '65.
- Design dimension of a joint clearance. S. P. Permin. Put' i put. khoz. 11 no. 7-12-14 '67.
- Determination of basic parameters of ballasting method of various systems. P. I. Kolesnikov. Trudy TASHIIT no. 33 3-12 '65.
- Determining the accuracy of distance measurements by means of intersections. K. N. Narkhodzhayev. Trudy TASHIIT no. 33 117-120 '65.
- Diagrams of intersection points for nonstop crossing of trains. A. P. Lihomudrov, A. D. Marra, T. P. Mal'kov. Trudy TASHIIT no. 33 68-76 '65.
- Effect of antireepers on the components of the superstructure. M. G. Andreevskiy. Trudy TASHIIT no. 33 13-30 '65.
- Efficiency of drainage. S. M. Bel'ter. Put' i put. khoz. 11 no. 8 42-44 '67.
- Essential coordination. V. P. Akimov. Put' i put. khoz. 11 no. 8 30 '67.
- Fastening plates made from wood-impregnated plastics. I. U. A. Sinagin, V. A. Plekhanov. Put' i put. khoz. 11 no. 14-15 '67.
- Foreign technology news. Zhel. dor. transp. 49 no. 11: 95 Mr '67.
- Friction between blades and plates. I. A. Kotlyukov, I. U. Loginov. Put' i put. khoz. 11 no. 8 44-46 '67.
- Grinding extends life of rails. V. I. Vakhenko. Put' i put. khoz. 11 no. 8 34-35 '67.
- Heating of switches by gas and electricity. E. V. Zakharov. Zhel. dor. transp. 49 no. 3-4-89 Mr '67.
- How elastic fastenings operate. D. P. Silvestov, N. N. Nedik. Put' i put. khoz. 11 no. 8-16 '67.
- Improvement in planning rail-laying work. P. P. Tsukanov. Put' i put. khoz. 11 no. 8-31-33 '67.
- Improvement of the moving of railroad tracks with rotary bulldozers. N. D. Khimenko. Gor. zhur. 142 no. 5 53 My '67.
- In the setting of nation-wide upsurge. Put' i put. khoz. 11 no. 8 1 '67.
- Industrial safety. Z. N. Mador'skiy. Put' i put. khoz. 11 no. 8-17-19 '67.
- Inventory straps. V. S. Kondratyuk. Put' i put. khoz. 11 no. 7-42 '67.
- Labor conditions for switchmen have improved. I. V. Perminov. Zhel. dor. transp. 49 no. 3-42-44 Mr '67.
- Leveling machine with guide. I. U. N. Morozov, V. I. Kozarskiy. Put' i put. khoz. 11 no. 7-30-31 '67.
- Love your work. F. I. Vozil'yanov. Put' i put. khoz. 11 no. 7-15-16 '67.
- Nature of the electrical resistance of reinforced concrete ties. V. P. Zhukh, Trudy KNIIT no. 87-24-38 '66.
- Network planning of major repairs. I. A. I. Vinogradov, A. M. Tat'yevskiy, N. P. Smirnov. Put' i put. khoz. 11 no. 8-20-25 '67.
- Network planning of snow removal work. E. V. Mav. Zhel. dor. transp. 49 no. 3-68-72 Mr '67.
- Network schedule graph of track major repair operations at the PM-99 and 100 tracklaying machinery stations. Put' i put. khoz. 11 no. 8-26-28 '67.
- New narrow-gauge hopper dispenser. A. M. Gusev, M. A. Mizov. Put' i put. khoz. 11 no. 7-28-27 '67.
- New types of rail tie tamping machines. V. V. Vital'ev. Put' i put. khoz. 11 no. 7-46-47 '67.
- Operating schedule for closed line sector under repair. V. A. Konko, I. Z. Abramov. Put' i put. khoz. 11 no. 17-19 '67.
- Regulating switches with flexible blades. I. U. A. Loginov. Put' i put. khoz. 11 no. 8 12-13 '67.

- 625.1 (Continued)
Reserves are available but are not used. S. V. Amelin, G. E. Andreev, A. E. Karolin. Put' i put. khoz. 11 no. 7:7-8 '67.
Rough spots on rails and ballast deformations. V. F. Baraboshin. Put' i put. khoz. 11 no. 7:34-35 '67.
Snow and dirt removal machines. N. A. Ponomarenko, N. A. Surin, B. Kh. Balashenko. Put' i put. khoz. 11 no. 7:28-29 '67.
Special drainage. M. I. Mil'shtein, A. F. Chertkov. Put' i put. khoz. 11 no. 7:44 '67.
Stability of continuous rail track during periods of repair. N. S. Chirkov. Put' i put. khoz. 11 no. 7:9-11 '67.
Stabilization of subtle foundation during major overhauls of track involving the laying of reinforced concrete ties on a gravel ballast. P. I. Kolesnikov, A. F. Sudarushkin, I. U. A. Siniagin. Trudy TASHIT no. 33 37-48 '65.
Stages in the growth of the crushed stone industry. P. M. Tsigel'nyi. Put' i put. khoz. 11 no. 7:20-23 '67.
Study of wind-caused sand shifting over local terrain and rail tracks. M. T. Ershov. Trudy TASHIT no. 33 84-88 '65.
Technical reconstruction of railroad tracks. M. A. Chernyshev. ZheI. dor. transp. 49 no. 3:8-14 Mr '67.
Through the Taiga. B. Dzhegulanov. Tyl. i snab. Sov. Voor. Sil. 27 no. 8 71-74 Ag '67.
Transmittal of altitude markings across water streams. K. N. Narkhodzhaev. Trudy TASHIT no. 33 121-124 '65.
Tsikanov, P. P., and L. P. Melent'ev. [Improvements in the use of railroad rails] Uluchsheniye ispol'zovaniya zheleznodorozhnykh rel'sov. Moskva, Transport, 1967. 143 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 334)
Upkeep of track on reinforced concrete ties. M. G. Andreevskii, I. S. Iutina, I. U. A. Siniagin. Trudy TASHIT no. 33 49-56 '65.
Use of matrix chain method on electronic digital computers when determining distribution of earth masses. V. B. Alkseev. Trudy TASHIT no. 33 77-83 '65.
Vertical boreholes instead of cuts. M. M. Kanter. Put' i put. khoz. 11 no. 7:43 '67.
We are improving technological processes. G. A. Evitukhov, A. N. Lavrik. Put' i put. khoz. 11 no. 8 2-4 '67.
What rail surveys reveal. A. A. Pliashov. Put' i put. khoz. 11 no. 8 36-39 '67.
Work and life are inseparable. N. G. Ploshai, S. S. Ivanchukhin. Put' i put. khoz. 11 no. 8:41-42 '67.
Work organization and economy. V. I. Angeleiko, A. P. Kovalevko, R. I. A. Fedorchenko. Put' i put. khoz. 11 no. 8:7-8 '67.
- 625.1(476)—White Russian S. S. R.
Sylsko, P. A., and L. F. Troitskii. [For a well-built track. experience of the Orsha section of the White Russian railroad] Za zdorovyi put', opyt Orshanskogo otdeleniya Belorusskoi dorogi. Moskva, Transzheldorizdat, 1959. 45 p.
- 625.2 ROLLING STOCK, LOCOMOTIVES, ETC.
Applying available reserves to improved use of passenger railroad cars. E. N. Korosteleva. ZheI. dor. transp. 49 no. 3:40-42 Mr '67.
Automation and mechanization of repair work on flatcars. N. S. Srenko. ZheI. dor. transp. 49 no. 3:55-60 Mr '67.
Comfort of passenger cars. F. G. Gokhman, E. L. Kost. ZheI. dor. transp. 49 no. 3:90-94 Mr '67.
Effective use of gondola cars with doorless bodies. V. K. Brulakina. ZheI. dor. transp. 49 no. 3:66-69 Mr '67.
Fedorov, V. A. [Operational requirements concerning equipment and track development of passenger train outfitting and overhaul stations] Eksploatatsionnye trebovaniya k tekhnicheskoi osnashchenii i putevomuyu razvitiyu passazhirskikh tekhnicheskikh stantsii. Moskva, Transport, 1967. 151 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 341)
Feldman, E. D. [Comparative technical and economic effectiveness of independent types of tractions; of the diesel and gas turbine types] Sravnitel'naya tekhniko-ekonomicheskaya effektivnost' avtomatnykh vidov tiagi; teplovoznoi i gazoturbivoznoi. Moskva, Transport, 1967. 178 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 333)
The homeland of diesel locomotives. P. I. Kmetik. ZheI. dor. transp. 49 no. 3:3-8 Mr '67.
Increasing the reliability of axle boxes on sliding bearings. P. M. Simonov. ZheI. dor. transp. 49 no. 3:60-64 Mr '67.
Makushin, B. V., and A. Z. Libman. [Refrigerating installations in passenger cars; design, use, and repair] Khlodil'nye ustanovki passazhirskikh vagonov; ustroystvo, eksploatatsiya i remont. Moskva, Transport, 1967. 143 p.
Perspectives in the specialization of freight cars. ZheI. dor. transp. 49 no. 3:80 Mr '67.
- Problems in organizing the work of locomotive crews. S. I. Aizimbud. Trudy RIIZIT no. 54 4-11 '66.
Reserves are available but are not used. S. V. Amelin, G. E. Andreev, A. E. Karolin. Put' i put. khoz. 11 no. 7:7-8 '67.
Stability of the motion of a railroad car. V. A. Gorokhov. Izv. vys. ucheb. zav., radiofiz. 10 no. 11:563-1568 '67.
[TE3 diesel locomotive; operation and maintenance manual] Teplovoy TE3, rukovodstvo po eksploatatsii i obsluzhivaniyu. Izd. 2., perer. Moskva, Transport, 1967 139 p.
Use of polymers in the overhaul of electric and diesel locomotives. S. I. Aizimbud, T. S. Kononov. Trudy RIIZIT no. 54 22-47 '66.
Zabello, M. L., and A. M. Baranov. [Switching locomotives of electrified railroads] Manevrovaya lokomotivnyy elektrifitsirovannykh zheleznnykh dorog. Moskva, Transport, 1967. 149 p.
- 625.4 ELEVATED AND UNDERGROUND RAILWAYS
Efficient use of stationary rail lubricators on industrial railroads. I. S. Iutina, M. G. Andreevskii. Trudy TASHIT no. 33 31-36 '65.
- 625.6 LIGHT RAILWAYS, STREETCARS
Selecting and investigating recuperative braking system of street cars. B. M. Plushch, G. Sh. Aliyev, V. O. Sarkisyan. Za tekhn. prog. 7 no. 8 38-39, 45 Ag '67.
- 625.7 HIGHWAY, ROAD ENGINEERING
Development of peat machinery industry in the U. S. S. R. P. P. Vlasov, N. F. Sheptev. Stroil. dor. mash. 12 no. 11 11-13 N '67.
Development of scientific research methods in the construction and road machinery industry. V. A. Bauman. Stroil. dor. mash. 12 no. 11 34-38 N '67.
Greetings, dear comrades, on the occasion of the Great Holiday. F. S. Novoselov. Stroil. dor. mash. 12 no. 11 1-3 N '67.
[Highways] Ref. zhur. Avi. dor. nos 11-12 N-D '67.
Laying of precast and removable road coverings can be mechanized. I. Inozemisev, N. T. Sezarev. Tyl. i snab. Sov. Voor. Sil. 27 no. 8 85-87 Ag '67.
Prospects for the development of service stations. Sh. M. Raber. Transp. i khran. nefii i nefteprod. no. 11 30-35 '67.
Research, and planning and design organizations of the construction, road and communal machinery industry. V. A. Nikiforov. Stroil. dor. mash. 12 no. 11 10-34 N '67.
Romanenko, I. A. [Technical and economic bases for designing highway networks] Tekhniko-ekonomicheskoe osnovy proektirovaniya setei avtomobil'nykh dorog. Moskva, Vysshaya shkola, 1967. 293 p.
- 625.7(438)—Poland
10,000 kilometers of roads. Alejry Sroga. Nov. vrem. 25 no. 3:20 Ja '68.
- 625.7(471.33)—Western R. S. F. S. R.
Bryansk Road Machinery Plant. A. G. Inozemtsev. Stroil. dor. mash. 12 no. 11 26-29 N '67.
- 625.7(471.55)—Chelyabinsk Province
Chelyabinsk Road Machinery plant named for Kollushchensk. N. P. Bogdanov. Stroil. dor. mash. 12 no. 11 20-22 N '67.
Nyzhepetrovsk Road Machinery Plant. V. K. Latyev. Stroil. dor. mash. 12 no. 11 17-19 N '67.
- 625.8 PAVING OF ROADS, WEARING SURFACES
Development of peat machinery industry in the U. S. S. R. P. P. Vlasov, N. F. Sheptev. Stroil. dor. mash. 12 no. 11 11-13 N '67.
Use of lime concrete in road building. E. N. Leon'tov, K. P. Beliaeva. Shor. trud. VNIISTROM no. 8:95-104 '66.
- 626 HYDRAULIC ENGINEERING AND CONSTRUCTION WORK
The necessity of improving information services in hydraulic engineering and reclamation of land problems. V. N. Gorinskii. NTI. Ser. 1 no. 10:12-16 '67.
- 626.1(571.6)—Soviet Far East
Problem of directing the flow of the Amur River to the new channel through Lake Kizi toward Tabo Bay. I. A. Solov'ev. Dokl. inst. geog. Sib. i Dal'. Vost. no. 12-28-34 '66.
- 626.8 AGRICULTURAL HYDRAULICS
Mellioration machinery industry during the years of the Soviet regime. I. U. G. Manullov. Stroil. dor. mash. 12 no. 11 7-11 N '67.
Shugaev, V. V., and G. S. Abeid. [Irrigation shell flumes] Lotki-obolochki vodovodov. Moskva, Stroizdat, 1967. 119 p.
- 626.8(575.1)—Uzbek S. S. R.
Irrigation innovations. V. Vasil'kov. Ekon. i zhizn' 9 no. 6:88-89 Je '67.
- 626.8(575.172)—Kara-Kalpak A. S. S. R.
Sands today, irrigated pastures tomorrow. V. Kovalev. Ekon. i zhizn' 9 no. 6 83-84 Je '67.
- 627(571)—Aral Sea R. S. F. S. R.
Deformation of the channels of the Ob' and its tributaries. A. A. Zemtsov, D. A. Burakov. Dokl. inst. geog. Sib. i Dal'. Vost. no. 13 31-34 '66.
- 627.2 PORTS, HARBORS AND ROADSTADS. COAST AND MARINE WORKS
Dikes and breakwaters are both needed. A. A. Chuzhmir, K. P. TSvetaev. Put' i put. khoz. 11 no. 7:38 '67.
Operating practices of the harbor tugboat "Tug". M. Miziner, A. Mikheev. Mor. flot 27 no. 11 24 N '67.
Strategy of the selection of a port of call. L. A. Chvertkin. Trudy TSNIIMF 12 no. 80 20-25 '67.
- 627.2(262.5)—Black Sea
Harbor of the people's health resort. V. Bassevich. Mor. flot 27 no. 11 45 N '67.
Special features of mooring heavy tonnage vessels in the Odessa harbor. V. Svirskii. Mor. flot 27 no. 11 17-18 N '67.
- 627.3 PORT INSTALLATIONS, EQUIPMENT. DOCKYARDS, QUAYS, ETC.
Material and technology base of the merchant marine. Mor. flot 27 no. 11 16 N '67.
- 627.3(262.5)—Black Sea
Introducing complex mechanization in the Novorossiysk harbor. A. Minin. Mor. flot 27 no. 11 11-12 N '67.
- 627.4 IMPROVEMENT OF RIVERS, STREAMS PROTECTION. TRAINING WORKS
Dikes and breakwaters are both needed. A. A. Chuzhmir, K. P. TSvetaev. Put' i put. khoz. 11 no. 7:38 '67.
- 627.8 DAMS, LARGE RESERVOIRS AND BAR-RAGE DAMS HYDRAULIC POWER PLANT WORKS
Anticorrosive coatings for steel constructions used under water. B. M. Dubrova, N. V. Burenkova. Lakokr. mas. i kh. prim. no. 4:90 '67.
Pulsation of dynamic pressure and vibrations of a lock during the flow of a jet into a channel under nonsteady conditions. M. S. Fomichev. Izv. AN SSSR, Energ. i transp. no. 6:145-150 N-D '67.
- 627.8(470.22)—Georgian S. S. R.
Sadovskii, A. A. [Dashin and water mass of Khrami Reservoir] Chasha i vodnaya massa Khramskogo vodokhranilishcha. Tbilisi, Metsnereba, 1967. 151 p.
- 627.8(62)—Northeast Africa, Egypt and Sudan
Fortress on the Nile. Nov. vrem. 25 no. 2:1-2 Ja '68.
Fruitful cooperation and disinterested help. Mohammed Ahmed Abu Kmal. Vsem. prof. dzhizn. no. 7 35 O '67.
- 627.9 COASTAL APPROACH WORKS. MARKING. SIGNALING. PILOTAGE RESCUE
A new buoyage system in need. I. Treshchalov. Mor. flot 27 no. 11 18-19 N '67.
- 628.1 WATER SUPPLY. WATERWORKS
Automatic control of pumping stations. E. M. Nadzhafov and others. Za tekhn. prog. 7 no. 8:4 Ag '67.
Automatic machine for perforating canings. I. A. Sulkovskii, I. B. Gershtberg, V. N. Abrashin. Stroil. i arkh. Uzb. 8 no. 9:8-12 S '67.
Basic methods for determining the correction factor in calculating the length of settling tanks for hydroelectric power stations. D. D. Mamedov. Za tekhn. prog. 7 no. 10:38-39 O '67.
Economic measures for the efficient use of water resources. M. Lotter. Vop. ekon. no. 12:75-86 D '67.
Mechanism of filtration process in fast water-purifying filters. D. M. Minin, L. N. Paskutskaya, Z. V. Chernova. Zhur. prikl. khim. 40 no. 8 1695-1700 Ag '67.
Tarasov-Agalakov, N. A., and V. F. Khodakov. [Supplying water for fire fighting] Protivopozharnoe vodosnabzhenie. Moskva, Stroizdat, 1967. 306 p.
- 628.1(575.1)—Uzbek S. S. R.
Distillation of water and its significance in the water supply to Uzbekistan's rural population. D. G. Antman, I. S. Ostrovskii. Stroil. i arkh. Uzb. 8 no. 9 25-27 S '67.
- 628.3 SEWAGE. PURIFICATION, ETC.
Electromagnetic treatment of water at the Odessa Liqueur and Vodka Plant. L. I. Krava. Ferm. i spir. prom. 33 no. 7:37-38 '67.
Purification of flushing sulfuric-acid iron-containing waste waters. V. I. Matasov. Biol. tekhn. i ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 20 no. 11, 3-5 N '67.

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- [The cosmic bridge] Kosmicheski most [Moskva, Izd-vo Agentstva pechati Novosti, 1967] 7 p. illus.
Docking in orbit N. Pavlov. Av. i kosm. no. 12-8 D '67
Electron concentration in the outer ionosphere measured by observations of coherent signals from the artificial earth satellites "Kosmos" and "Elektron" V. A. Misyura, G. K. Solodovnikov, V. M. Migunov. Geomag. aer. 6 no. 5 852-857 S-O '66
First Soviet artificial earth satellite on world stamps V. A. Orlov, Zem. i vesel. no. 5 92-93 S-O '67
Flame stabilization conditions in combustion chambers of the second circuit of a two-circuit turbojet engine A. V. Talantov, V. N. Gruzdev. Izv. vyz. ucheb. zav. i tekhn. 10 no. 3 83-88 '67
From the plant to the cosmodrome IU Zaitsev. Av. i kosm. no. 12 43-46 D '67
Gamma radiation of the moon and the composition of lunar rocks; based on results of an experiment at the space station Luna-10, A. P. Vinogradov and others. Geokhimiya no. 11:1263-1273 N '67
Instrument guidance in space IU Gagarin, V. Lebedev. Av. i kosm. no. 12 38-42 D '67
The Kosmos-1, Grazhd. av. 21 no. 10-11 O '66
Lunifoliar perturbations of a 24-hour satellite, B. K. Martynenko. Biul. Inst. teor. astron. 11 no. 1 33-47 '67
Motion about the mass center of a magnetized equatorial satellite in a circular orbit with interaction between the magnetic and gravitational fields of the earth A. A. Khenov. Prikl. mat. i mekh. 31 no. 5 917-950 S-O '67
Nuclear intercommunication V. Ganza, Nar. khoz. Kazakh. 25 no. 12 81-85 D '67
[Results of observations of Soviet artificial earth satellites] Rez. nabl. sov. lek. sput. Zem. nos. 83-90 '66
[Rocket building] Ref. zhur. "Raketostr." nos. 11-12 N-D '67
Selecting the orbit of cosmic lighthouses for navigation satellites in a continuous action system E. N. Perevezentsev. Trudy TSNIIAF 11 no. 83 64-75 '67
Solution of the shadow equation for small eccentricities, IU V. Butrakov. Biul. Inst. teor. astron. 11 no. 1 14-17 '67
Soviet space engines N. Vasil'ev. Av. i kosm. no. 12 33-37 D '67
[Space research] Ref. zhur. "Issl. kosm. prostr." no. 11 N '67
The Soviet Union, a pioneer in mastering outer space B. S. Stechkin, M. K. Tikhonov, I. A. Moikulov. Moi shor. 51 no. 11 17-26 N '67
[Ten years of cosmic exploration, 1957-1967] Desiat' let kosmicheskikh issledovaniy, 1957-1967 [in p. Agentstva pechati "Novosti," 1967] 23 p.
Ten years of space flight, G. Titov. V mire knig 7 no. 9 18-19 '67
T. Stolkovskii, K. E. [Studies in astronautics; investigation of cosmic space by means of jet engines] Trudy po kosmonavtike, issledovanie mirovykh prostranstv reaktivnykh priborami Moskva, Mashinostroyeniye, 1967 375 p.
Two space achievements on the eve of the Great October Revolution Priroda no. 11:20-27 N '67
Ursul, A. D. [The conquest of outer space; philosophical, methodological, and sociological problems] Osvoenie kosmosa, filosofsko-metodologicheskoe i sotsiologicheskoe problemy Moskva, Mysl', 1967 237 p.
- 63 AGRICULTURE, FORESTRY, STOCK-BREEDING, ANIMAL PRODUCE, HUNTING, FISHERIES**
Advances in Soviet agricultural chemistry, N. S. Avdonin. Sel'khoz. biol. 2 no. 6 848-856 '67
[Agriculture of the U. S. S. R.] Sel'skoe khoziaistvo SSSR Moskva, Kolos, 1967. 337 p.
Conference on the application of heavy nitrogen isotope in agrochemical and soil research N. I. Borisova. Agrokhiimiya no. 12, 141-142 D '67
Effect of the rocky part of soil on its agrochemical properties P. I. Pugach. Agrokhiimiya no. 12 74-77 D '67
Masters of the land, N. Maisurlian. V mire knig 7 no. 9 23 '67
Matskevich, V. V. [Socialist reorganization of agriculture] Sotsialisticheskoe pereustroistvo sel'skogo khoziaistva. Moskva, Znanie, 1967 61 p. (Novoe v zhizni, nauke, tekhnike V Seriya Sel'skoe khoziaistvo, 12)
[Methodical elaborations for agricultural technical schools] Metodicheskie razrabotki dlia sel'skokhoziaistvennykh tekhnikumov; sbornik statei pod red. IU. G. Kozlovskogo. Minsk, 1967. 86 p.
And nature will be subdued N. Ancharskaia. Sov. voen. 48 no. 16 20-23 Ag '66
Occupational characteristics of morbidity with temporary disability in workers of state farms, L. V. Novskii. Sbor. nauch. trud. Bash. gos. med. inst. 16 no. 2 170-176 '65
Organization of practice training, L. A. Gol'tsagor. Sred. spets. obr. 13 no. 11:25-26 N '66
- Plachkovskii, V. O. [Specialization of farms in the outskirts of cities] Spetsializatsiia pryntsk'ikh hospodarstv. Kharkiv, Prapor, 1967 55 p.
Treatment of curial fractures under rural conditions, V. M. Grubak. Vest. khir. 99 no. 12 60-62 D '67
Use of industrial waste heat in agriculture A. M. Itspovich, N. P. Kretova. Dokl. MIUSP 3 no. 1 437-442 '66
With agricultural equipment, M. Kondratskaia. Grazhd. av. 23 no. 10:24-27 O '66
- 63(471.1)—Northern R. S. S. R.**
The "grain budget" of peasant farmsteads in the Belozersk region in the middle of the 16th century, L. S. Prokof'eva. Trudy LOI AN SSSR no. 9 98-113 '67
- 63(471.42)—Ulyanovsk Province**
Student brigades of Ulyanovsk Province prepare for the 50th anniversary of the October Revolution V. H. Spilina. Shkola i proiv. 11 no. 10 25-29 O '67
- 63(471.61)—Rostov Province**
Incentives for the worker on a state farm, T. Pulysheva. Sov. profsoiuzy 23 no. 22 14-15 N '67
- 63(477)—Ukrainian S. S. R.**
People of a rejuvenated land, B. Uspenski. Prof. i tekhn. obr. 24 no. 10 18-20 O '67
- 63(479.22)—Georgian S. S. R.**
Some agricultural minerals of Georgia and their future use for increasing the fertility of moist subalpine soils O. V. Nalchemashvili, A. P. Beridze, Agrokhiimiya no. 12 78-86 D '67
- 63(499)—Rumania**
Agriculture of Rumania is on the upsurge, N. Jovan. Plan. khoz. 14 no. 12 62-68 D '67
- 63(571.13)—Omsk Province**
Farmers' town I. Lomako, V. Galushko. Tekhn. i sel'khoz. 27 no. 11 30-34 '67
- 63(571.55)—Chita Province**
Work of the Transbaikalian youth N. S. Kotov. Shkola i proiv. 11 no. 10 29-31 O '67
- 63(574)—Kazakh S. S. R.**
Work of students in the Virgin Territory S. S. Tolmachev. Shkola i proiv. 11 no. 10 12 O '67
- 63(575.1)—Uzbek S. S. R.**
Advantages are obvious I. Belokovskii. Ekon. i zhizn' 8 no. 12 54-55 D '66
Organization of the largest cotton growing region in the Khatla Steppe, S. A. Islamov. Izv. Uzb. geog. ob-va 8 101-103 '64
- 63(581)—Afghanistan**
Lobashev, A. I. [Rural population and agriculture of Afghanistan in figures] Sel'skoe naselenie i sel'skoe khoziaistvo Afganistana v tsifakh. Moskva, Nauka, 1967. 93 p.
- 631 AGRONOMY**
Awarding bonuses to workers of state agricultural enterprises for the creation and introduction of new equipment Sots. trud. 12 no. 10 139-143 O '67
Bailan, A. M., and L. A. Kalinin. [Assembly and use of electric equipment in agriculture] Montazh i ekspluatatsiia elektroustanovok v sel'skom khoziaistve. Minsk, Urozhai, 1967. 284 p.
In the "Agriculture" Pavilion, I. A. Shekolina. Zashch. rast. 12 no. 58-59 '67
[Manual on the reserves of optimal moisture under the main crops in North Kazakhstan; North Kazakhstan, Kustanay, Kokchetav, Tselinograd, and Pavlodar Provinces] Spisovochnik po zapasam produktivnoi vlagi pod osnovnymi kul'turami v Severnom-Kazakhstane; Severo-Kazakhstanskaya, Kustanaiskaya, Kokchetavskaya, Tselinogradskaya i Pavlodarskaya oblasti Pod red. E. S. Zaremba, Alma-Ata, 1966. 181 p.
- 631(4)—Europe**
"Transformation" or the impoverishment of the peasantry? B. Kuznetsov. Mir, ekon. i mezhdunar. otn. no. 12 101-104 '67
- 631.1 FARM MANAGEMENT**
[Improving the management of the national economy; materials of an academic conference devoted to the 50th anniversary of the Great October Socialist Revolution] Sovershenstvovanie upravleniya narodnykh khoziaistvom; materialy nauchnoi konferentsii posviashchennoi 50-letiiu Velikoi Oktabr'skoi sotsialisticheskoi revoliutsii. Vilnius, Gazetno-zhurnal'noe izd-vo, 1967. 137 p.
- The "Kommunist" State Farm can become highly profitable, I. Tsvetitskii. Ekon. i zhizn' no. 7 76-77 '67
We are marching toward communism. Zashch. rast. 12 no. 11-12 '67
- 631.1(476)—White Russian S. S. R.**
Rai'ko, V. A. [You can achieve everything if you love work] Vsego dostignesh', esli lubish' trud. [Minsk, Urozhai, 1966] 82 p. (Resheniia XXIII s'ezda KPSS - v zhizn'!)
- 631.1(575.1)—Uzbek S. S. R.**
Key to economic achievements. R. Al'dzhanov. Ekon. i zhizn' 8 no. 12 45-48 D '66
Problems of the efficient use of the labor resources in the village, I. Petrov. Ekon. i zhizn' 8 no. 12 49-52 D '66
- 631.2 FARMSTEADS, FARMYARDS**
Assets of the intercollective farm construction organizations in the Kuban A. Shevelov. Sel', stroi. 21 no. 12 9-11 D '66
Competition standard bearers. Sel', stroi. 21 no. 12:26 D '66
Corrosion of reinforcement in gypsum cement puzzolan concrete in livestock buildings P. P. Gerdashevskii, N. I. Skvortsova. Sbor. trud. VNIISTROM 8 no. 180-186 '66
Gas-silicate panels with a waterproof coating, G. Konstantinov, B. Maravin. Sel', stroi. 21 no. 12 19 D '66
Latest trends in the erection of silos, A. Seroukhov. Sel', stroi. 21 no. 12 14-15 D '66
Local news. Sel', stroi. 21 no. 12:20-30 D '66
Production base for intercollective farm construction organizations Sel', stroi. 21 no. 12 20 D '66
Raise rural construction to a higher level, Sel', stroi. 21 no. 12 1-2 D '66
School for the foremost practices, I. Kornev. Sel', stroi. 21 no. 12 15-16 D '66
- 631.2(471.313)—Ryazan Province**
In the Ryazan area, Sel', stroi. 21 no. 12:6 D '66
- 631.2(471.317)—Kostroma Province**
Three months instead of seven, V. Domidov. Sel', stroi. 21 no. 12 5 D '66
- 631.2(471.326)—Tambov Province**
Villages change their appearance, M. Shulenin. Sel', stroi. 21 no. 12:3-4 D '66
- 631.2(471.341)—Gorky Province**
We are mobilizing the reserves, B. Suchkov. Sel', stroi. 21 no. 12 4-5 D '66
- 631.2(471.62)—Krasnodar Territory**
Conditions are the same but the results are different, P. Lapkin. Sel', stroi. 21 no. 12 8-9 D '66
- 631.2(477)—Ukrainian S. S. R.**
The general contractor in the village, N. Mikhailov. Ekon. i zhizn' 9 no. 8 17-20 S '67
- 631.2(478)—Moldavian S. S. R.**
Rapid construction of poultry plants, N. Kazartsev, R. Bratt. Sel', stroi. 21 no. 12:10-12 D '66
- 631.2(479)—Caucasus and Transcaucasia**
Concrete structures in winter, E. Solov'ev. Sel', stroi. 21 no. 12 16-17 D '66
- 631.2(571.55)—Chita Province**
It is profitable to build this way, K. Bazhenov. Sel', stroi. 21 no. 12 14 D '66
- 631.3 AGRICULTURAL IMPLEMENTS, MACHINERY, FARM MECHANIZATION**
Aerosol method for acid disinfection, E. I. Mikhailov. Dokl. MIUSP 3 no. 1:151-154 '66
Analogy of vibrating grain layer in viscous fluid, N. M. Zakharov. Dokl. MIUSP 3 no. 1 201-210 '66
Analyzing the components of the traction efficiency of the MTZ-50 tractor operating in a mounted plowing unit, V. P. Khussar. Dokl. MIUSP 3 no. 1 297-305 '66
Controlled process of the separation of grain on sieves, A. G. Furankov. Dokl. MIUSP 3 no. 1:139-145 '66
Critical speed of the vertical shaft of centrifugal separators for liquids, IU. P. Lobunskii. Dokl. MIUSP 3 no. 1:220-237 '66
Cutting internal slots, N. Litnyi. Tekhn. i sel'khoz. 27 no. 11 85 '67
Determining the moving forces of units with a wheeled tractor under the conditions of deficient coupling, A. V. Bedniakova. Dokl. MIUSP 3 no. 1 279-280 '66
Determining the optimal number of the rotation of the blade-type cleaner of the disk digger of a sugar beet harvester, IU. B. Brusilovskii. Dokl. MIUSP 3 no. 1 63-68 '66

631.3 (Continued)

- Determining the reaction of soil to the wheel of a mounted implement. I. F. Popov. Dokl. MIISP 3 no.117-19 '66.
- Development of the mechanization of agriculture during the 50 years of the Soviet regime. S. Meitnik. Tekh. v sel'khoz. 27 no.11-18 '67.
- Development of the repair service in agriculture. A. Selivanov. Tekh. v sel'khoz. 27 no.117-83 '67.
- Disposition of tooth rows on drums and concaves. N. N. Rodionov. Dokl. MIISP 3 no.1173-176 '66.
- Dubrovskiy, V. [Locksmith's work in repairing agricultural machinery] Atsledznieku darbi lauksaimnieciba. Riga, Liesma, 1966. 136 p. [in Latvian]
- A dynamical error of servo systems. M. S. Urusov. Dokl. MIISP 3 no.1371-382 '66.
- Dynamical theory of a wedge operating in a soil medium. K. G. Arutunian. Dokl. MIISP 3 no.121-31 '66.
- Dynamics of the mounted unit with the hydraulic amplifier of adhesion weight in total area cultivation of fallow fields. P. E. Shechinov. Dokl. MIISP 3 no.1293-295 '66.
- Easing the start of truck and tractor engines. V. Kozlov, N. Kotikov. Tekh. v sel'khoz. 27 no.117-74 '67.
- Effect of the diameter, weight, and running speed of a smooth roller on the depth formed by its wheels. V. I. Skorik. Dokl. MIISP 3 no.145-49 '66.
- Effect of the inclination of stalks by rotary grinders on the quality of their work. G. M. Rubtsov. Dokl. MIISP 3 no.179-86 '66.
- Effect of the loading weight of seeds on the efficiency of sowing unit. S. V. Oganesian. Dokl. MIISP 3 no.1319-326 '66.
- Effect of the speed rate on the stability of the running depth of a furrow opener. S. V. Oganesian. Dokl. MIISP 3 no.1327-334 '66.
- Effect of the sliding movement of the blade on the size of the compressed area of the material during cutting. O. A. Sizov. Dokl. MIISP 3 no.1195-199 '66.
- Effect of the speed rate on the kinematics of the turning of agricultural machinery. A. N. Khalitov. Dokl. MIISP 3 no.1347-353 '66.
- Elements for designing threshing machines. N. N. Rodionov. Dokl. MIISP 3 no.1155-162 '66.
- Experimental study of factors affecting the crumbling of pea grains. V. M. Khalanskiy. Dokl. MIISP 3 no.187-92 '66.
- From a side-till to a self-drummer. A. Chernitskin. Tekh. v sel'khoz. 27 no.1191-92 '67.
- Graphic analysis method for plotting the profiles of the working surfaces of the teeth of threshing machines. N. N. Rodionov. Dokl. MIISP 3 no.1167-171 '66.
- How to remove slag after welding. V. I. Arutskiy. Tekh. v sel'khoz. 27 no.1193 '67.
- Increasing the action of a smooth cylindrical roller. V. I. Skorik. Dokl. MIISP 3 no.151-54 '66.
- Interaction of soil particles with a spherical disk. A. P. Shekhturin, S. I. Rustamov. Dokl. MIISP 3 no.155-61 '66.
- Introducing electronic and ionic technology in agricultural production. P. Izakov, V. Shmigel'. Tekh. v sel'khoz. 27 no.1162-64 '67.
- Justification of some parameters of the separating drum for separating cold milk. K. P. Chernogradskiy. Dokl. MIISP 3 no.1239-246 '66.
- Kinematics of a mounted unit on slopes in turning. M. P. Novikov, M. D. Tupov. Dokl. MIISP 3 no.1339-346 '66.
- The large, collective, and mechanized. A. Gernatskiy. Tekh. v sel'khoz. 27 no.119-14 '67.
- Learning from the experience of skilled workers in agriculture. D. Zinger. Prof.-tekh. obr. 24 no.5-8 '67.
- Let's improve the practical training of machinery operators. Prof.-tekh. obr. 24 no.5-22-23 My '67.
- Levitskiy, I. S., and others. [Laboratory manual on machinery repair] Praktikum po remontu mashin. Moskva, Kolos, 1967. 303 p. (Uchebniki i uchebnye posobia dlya vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
- Methods for measuring the mechanical force of agricultural machines for potato growing and harvesting. V. M. Drozdov, S. I. Rustamov. Dokl. MIISP 3 no.1367-370 '66.
- Modern method for protection from corrosion. A. Portianko. Tekh. v sel'khoz. 27 no.1174-75 '67.
- Occurrence of pulling and grinding in the concave of a threshing machine. V. A. Sakun. Dokl. MIISP 3 no.1177-183 '66.
- Organization of transportation operations in harvesting. V. A. Gudkov. Dokl. MIISP 3 no.1361-365 '66.
- Power balance of a rotary machine. I. A. B. El'gurt. Dokl. MIISP 3 no.133-39 '66.
- Power evaluation of agricultural machinery units based on the amount of specific labor expenditure. N. M. Sharov. Dokl. MIISP 3 no.1261-265 '66.
- Precise definition of the theory of a mounted plev. B. I. Turbin. Dokl. MIISP 3 no.15-15 '66.
- Problems of the mechanization of mountain farming. I. Khokhlov. Tekh. v sel'khoz. 27 no.1138-42 '67.
- Quality and energy indices of the threshing process of grain bulk with crushing before threshing. A. M. Kheladze. Dokl. MIISP 3 no.1109-114 '66.
- Rabinovich, A. Sh., and V. I. A. Sal'nikov. [Basic requirements on hard-facing materials and methods of hard-facing of self-sharpening working parts of agricultural machines] Osnovnye trebovaniya k naplavochayim materialam i metodam naplavki samozatachivayushchikhsia rabochikh organov sel'skokhoziaistvennykh mashin. Moskva, Biuro tekhnicheskoi informatsii GOSNITI, 1966. 16 p.
- Reconditioning crank bearing seats. N. Nazimov, V. Tikhonov. Tekh. v sel'khoz. 27 no.1183-84 '67.
- Secondary use of bearing bushes. V. Irigin. Tekh. v sel'khoz. 27 no.1184-85 '67.
- Some elements of the theory of a rotary drum for subsowing. I. A. B. El'gurt. Dokl. MIISP 3 no.141-44 '66.
- Stability of clearance between segments and bearing bushes in the cutting apparatus of a mower. N. I. Nakov. Dokl. MIISP 3 no.1211-215 '66.
- Studying the power expenditure of the K-3 potato harvesting combine. S. I. Rustamov, V. N. Drozdov. Dokl. MIISP 3 no.1287-292 '66.
- Studying the threshing process of ground and unground grain bulk using high-frequency motion picture photography. A. M. Kheladze. Dokl. MIISP 3 no.1101-107 '66.
- Studying the vibration felt by the operator during the work of a unit at increased speeds. M. G. Vasilievich, N. M. Sharov. Dokl. MIISP 3 no.1267-278 '66.
- Studying the work of a beater-type threshing apparatus in pea threshing using fast motion picture photography. V. M. Khalanskiy. Dokl. MIISP 3 no.1193-99 '66.
- Teach the newest methods. N. Marmolovskii. Prof.-tekh. obr. 24 no.512 My '67.
- Technology of harvesting seed grasses with preliminary drying before threshing and rubbing. V. M. Solov'ev, G. F. Seryi, G. S. Kuklin. Dokl. MIISP 3 no.1175-78 '66.
- Testing the 2TSY-400 dryer for grain drying combined with a bin for mechanical ventilation. I. F. Vasilenko, A. S. Sergeev, V. S. Zhehtov. Dokl. MIISP 3 no.1169-74 '66.
- [Tractors and agricultural machinery and equipment] Ref. zhur.: Trakt. i sel'khoz. mash. i obr. no.10 '67.
- The training of future pedagogues. P. Rubashevskii. Prof.-tekh. obr. 24 no.1032 O '67.
- Uniformity of the embedding of seeds in soil and the probability of their falling on a given depth as related to the moving speed of the unit. S. V. Oganesian. Dokl. MIISP 3 no.1311-318 '66.
- Vacuum loading of liquid feeds. V. Kaplan. Tekh. v sel'khoz. 27 no.1193 '67.
- Ways for shortening the time of the idle turning of agricultural machinery units. A. N. Khalitov. Dokl. MIISP 3 no.1355-361 '66.
- What a road has been traveled! A. Moxenn, U. Borisov. Prof.-tekh. obr. 24 no.1036-37 O '67.
- Work indices of a threshing machine with logarithmic shape of teeth for pea threshing. N. N. Rodionov. Dokl. MIISP 3 no.1163-166 '66.
- Working out the calculation methodology of the attachment for the standardization of milk in a separating drum. N. M. Lashkhi. Dokl. MIISP 3 no.1247-256 '66.

631.3(471.232)—Leningrad City

Development of the research on agricultural machinery in Leningrad. V. Antipin. Tekh. v sel'khoz. 27 no.1186-91 '67.

631.3(471.311)—Moscow Province

Overall mechanization of labor in cow barns. K. Safaridi, G. Grobman. Sel', stroi. 21 no.12-13 D '66.

631.3(471.314)—Vladimir Province

Vladimir tractor constructors on the anniversary of the Great October. N. Markelov. Tekh. v sel'khoz. 27 no.1168-69 '67.

631.3(471.61)—Rostov Province

Potentialities of production and the establishment of work norms. A. Markukov. Sots. trud. 12 no.11:127-131 N '67.

631.3(471.63)—Stavropol Province

Rural students study the methods of farm mechanization. I. P. Pomin. Shkola i prov. 11 no.10-31 O '67.

631.3(474.3)—Latvian S.S.R.

On Latvian soil. S. Grzhbovskii. Tekh. v sel'khoz. 27 no.1127-29 '67.

631.3(476)—White Russian S.S.R.

Commitments for the anniversary year. I. Zaitsev. Prof.-tekh. obr. 24 no.5:10 My '67.

I am proud of my profession. I. Belichenko. Prof.-tekh. obr. 24 no.5:10 My '67.

631.3(477)—Ukrainian S.S.R.

Contribution of the Kharkov Tractor Plant to agriculture. B. Kashuba. Tekh. v sel'khoz. 27 no.1165-69 '67.

On the fields in the Ukraine. N. Koz'yrev. Tekh. v sel'khoz. 27 no.1135-19 '67.

The scientific labor organization schedule. Z. Viskren. Sots. trud. 12 no.10:120-121 O '67.

Triumph of the Leninist ideas of the socialist reorganization of Ukrainian agriculture. I. P. Kozhukha. Utr. zhur. 11 no.8:28-37 Ag '67.

631.3(478)—Moldavian S.S.R.

Demchenko, N. A. [Agricultural implements of the Moldavians from the 18th through the early 19th century] Zemledel'cheskie orudia moldavian XVIII-nachala XIX vv. Pod red. V. I. Dovzhuk. Kishinev, Karla Moldovenaske, 1967. 162 p.

631.3(571.14)—Novosibirsk Province

The plant and the school. V. Makhank'o. Prof.-tekh. obr. 24 no.10:21 O '67.

631.3(574)—Kazakh S.S.R.

In hamlets and villages of Kazakhstan. A. Paleev. Tekh. v sel'khoz. 27 no.1119-24 '67.

631.3(575.1)—Uzbek S.S.R.

Use machinery efficiently. R. Al'dizhanov. Fknl i Hizi no.7:74-75 '67.

With Tashkent electricians. Sh. Fatikhov. Tekh. v sel'khoz. 27 no.1161-62 '67.

631.3(575.3)—Tajik S.S.R.

Villages flourish in Tajikistan. M. Shifrin. Tekh. v sel'khoz. 27 no.1125-26 '67.

631.4 SOIL SCIENCE

Antigenous properties of Rhizobium leguminosarum. L. I. Rozanova. Sel'khoz. biol. 2 no.6:922-924 '67.

"Ashless" organic coprecipitates. V. I. Kuznetsov, F. I. Bol'shakova. Agrokhimia no.9:122-127 '67.

Conference on the methodology of making the large scale mapping of the content of the available forms of trace elements in soils. K. V. Verigina. Agrokhimia no.1:155-157 S '67.

Correlative dependence of soil temperature at different depths. T. S. Trifanova. Trudy GGO no.214:15-23 '67.

Determining phosphorus and calcium in a single soil extract. V. P. Vishnevskii. Khim. v sel'khoz. 5 no.10:60-61 O '67.

Determining readily hydrolyzing nitrogen in calcareous soils. Z. I. Shlavitskaya. Agrokhimia no.9:116-118 S '67.

Determining the reaction of soil to the wheel of a mounted implement. I. F. Popov. Dokl. MIISP 3 no.117-19 '66.

Device for measuring thermal current in soils. V. A. Polomeev. Dokl. MIISP 3 no.1413-419 '66.

Distribution of roots of fruit trees as related to the characteristics of light steppe soils. I. M. Vnukhova, A. G. Gail'. Vest. Mosk. un. Ser. Biol., pochv. 21 no.6:96-100 N-D '67.

Distribution of strontium-90 in some soils of the central regions of the European part of the U.S.S.R. L. F. Turukanova, F. I. Pavlotskaya. Agrokhimia no.3:58-58 S '67.

Domestic pH-meters and their use in agricultural chemical laboratories. A. N. Orlova, A. L. Erinov. Khim. v sel'khoz. 5 no.10:62-68 O '67.

Effect of crop rotation and fertilizers on nitrification in turf-Podsolic soils. A. I. Chunderova, T. P. Zuleta. Mikrobiologiya 36 no.6:1096-1099 N-D '67.

Effect of temperature conditions on the displacement of the mobile forms of phosphorus and potassium in soils. M. A. Repnevskaya, T. S. Kuroshova. Agrokhimia no.9:119-121 S '67.

Emel'yanov, V. A. [Radiometric field moisture meters and density meters] Polovye radiometricheskio vlogomery i plotnometry. Moskva, Atomizdat, 1966. 55 p.

Fertilization without fertilizers. L. I. Iutkin. Izobr. i rats. no.10:16-17 O '61.

Graduation of thermometers under natural conditions. A. A. Fan. Trudy GGO no.214:48-62 '67.

Increasing oxygen content of soils. K. I. Prochurashvili, I. M. Emel'yanova. Agrokhimia no.9:33-36 S '67.

Influence of polymers on the physical properties of soil and crop yields. M. I. Rubinshtein, L. M. Martasova. Vest. AN Kazakh, SSR 23 no.7:45-48 JI '67.

Method of concentration and determination of cobalt, nickel, copper, zinc, cadmium, mercury, and uranium in agrochemical, biogeochemical, and biological studies. D. P. Malina, A. I. Makarova, N. N. Makhova. Agrokhimia no.9:130-145 S '67.

Methodology of the measurement of soil temperature in crop fields. V. I. Ipatov. Trudy GGO no.214:71-77 '67.

Protective role of molybdenum against toxic action of aluminum on plants in acid soils. E. I. Rainer, T. A. Akimochkina. Agrokhimia no.9:37-49 S '67.

Review of methods of mobile molybdenum extraction from soils. V. A. Bol'shakov, I. I. Dobrilskaya. Agrokhimia no.12:97-102 D '67.

Rhodanate method for determining total molybdenum in soils. A. V. Glushchenko, I. N. Liubimova. Agrokhimia no.9:134-138 S '67.

[Soil science and agrochemistry] Ref. zhur. Pochv. i agrokhim. nos 10-11 N '67

The Third Congress of the All-Union Society of Pedologists. I. U. G. Tyustafeyev. Vest. AN Kazakh SSR 23 no. 7-70 J '67

Ultrasonic treatment of soils for microbiological analysis. D. G. Zviagintsev, G. M. Galkina. Mikrobiologiya 36 no. 6 1087-1095 N-D '67

631.4(213)—Hot (tropical, subtropical) regions

Vertical distribution of phosphates in some soils of the moist subtropical zone of the Black Sea and the Caucasus. V. S. Belousov. Agrokhimia no. 12 122-126 D '67.

631.4(471.32)—Central Black Earth regions

Some physical properties of mechanical element fractions in ordinary and southern Chernozems. A. S. Pokotilo. Vest. Mosk. univ. Ser. Biol., pchv. 22 no. 6:101-106 N-D '67

631.4(471.344)—Chuvash A.S.S.R.

Charts of the total and available molybdenum content of soils in the Chuvash A.S.S.R. I. M. Golubev. Agrokhimia no. 9 59-61 S '67

631.4(471.6)—Northern Caucasus

Aftereffects of simazine and atrazine on carbonate-rich Chernozems in Ciscaucasia. I. I. Khramtsov, P. S. Golevov. Khim. v sel. khoz. 5 no. 10:45-47 O '67.

631.4(477)—Ukrainian S.S.R.

Soil studies in the region of works of the Transcarpathian Expedition of the Odessa Hydrometeorological Institute and the Ukrainian Scientific Research Hydrometeorological Institute. M. I. Piatkai, G. S. Bolchuk. Trudy UKRNIIGMI no. 69 33-14 '67.

631.4(477.8)—Western Ukraine

Yeast microflora in oil fields of the Western Ukraine. E. I. Kvasnikov and others. Mikrobiologiya 36 no. 6:1077-1082 N-D '67

631.4(477.88)—Transcarpathia

Experimental formulas of absorption and their application for the calculation of rain runoff from small mountain basins. N. F. Befani, V. B. Pozdniakova, K. K. Tkuchin. Trudy UKRNIIGMI no. 69 57-71 '67

Typification of absorption curves based on experimental data. N. G. Galushchenko. Trudy UKRNIIGMI no. 69 73-74 '67

631.4(571)—Asiatic R. S. F. S. R.

[Soils of Siberia and the Far East] Pochvy Sib. i Dal'. Vost. Ja-Mr., O-D '65, Ja-Mr., Ap-Je, Ji-S '66, Ja-Mr., Ap-Je '67.

631.4(571.12)—Tyumen' Province

Principal features of the soil cover in the medial taiga of the western Ob' Valley. N. A. Karavayeva. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 13:24-30 '66.

631.4(574)—Kazakh S.S.R.

[Manual on the reserves of optimal moisture under the main crops in North Kazakhstan; North Kazakhstan, Kustanay, Kokchetav, Tselinograd, and Pavlodar Provinces] Spravochnik po zapasam produktivnoi vlagi pod osnovnymi kul'turami v Severnom Kazakhstane; Severo-Kazakhstanskaya, Kustanayskaya, Kokchetavskaya, Tselinogradskaya i Pavlodarskaya oblasti. Pod red. E. S. Zarembo. Alma-Ata, 1966 181 p.

631.4(575.1)—Uzbek S.S.R.

Use of potassium fertilizers on meadow lands in Bukhara Province. T. R. Khramov, A. A. Piasetskiy. Khim. v sel. khoz. 5 no. 10:8-10 O '67.

Evaporation and heat balance of a cotton field in the Vakh Valley of Tajikistan. L. P. Lapshova. Trudy GGO no. 214:76-80 '67.

631.4(575.3)—Tajik S.S.R.

Dynamics of saline soil distribution in the Khodzhi-Kantladam Massif. I. S. Aliyev. Dokl. AN Tadzh. AN SSR 10 no. 9:53-56 '67.

631.4(58)—West and North Central Africa

Characteristics of the composition of the humus of dark-colored tropic soils of Cuba and Guinea. I. S. Stepanov, E. S. Vorob'eva, L. S. Uvarova. Dokl. AN SSSR 176 no. 2:434-437 S '67.

631.4(739)—West Indies

Characteristics of the composition of the humus of dark-colored tropic soils of Cuba and Guinea. I. S. Stepanov, E. S. Vorob'eva, L. S. Uvarova. Dokl. AN SSSR 176 no. 2:434-437 S '67.

631.5 OPERATIONS. GROWING. CULTIVATION METHODS

Amino acid composition of silage from sugar beet tops. M. A. Ter-Karapetian, V. A. Petrosian. Prikl. biokhim. i mikrobiol. 3 no. 6 686-692 N-D '67.

Biology and plant breeding. N. I. Vofodarskiy. Sel'khoz. biol. 2 no. 6:840-847 '67.

[Chemical drying of seeds; a review of Soviet and foreign literature] Khimicheskaya sushka semian, obzor otechestvennoi i inostranoi literatury. Moskva, 1966. 50 p. (Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 1(47)) (DNAL)

Effect of the width of the unit on the change in the coefficient of working wear in plowing. A. A. Mukhin. Dokl. MIISF 3 no. 1 307-309 '66.

[Influence of predecessor on the yield and quality of fiber flax, review of literature from 1893 to 1966] Vliyanie predshestvennikov na urozhai i kachestvo volokna l'na-dolguntsa, obzor literatury za 1893-1966 gg. Moskva, 1967. 62 p. (Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 12(113)) (DNAL)

Inhibition of seed potato germination. P. S. Kirpichenko, V. A. Telukun. Agrokhimia no. 12:135-137 D '67

Manual training of students. S. M. Zagorodnii. Sred. shp. obr. 13 no. 11:28-20 N '66.

Osina, A. E. [Technologists of agricultural production] Tekhnolog sel'skokhoziaistvennogo proizvodstva. Minsk, Urozhai, 1967. 55 p. (Platitka - v deistvii)

[Plant culture] Ref. zhur.: Rast. no. 10 '67. Avtor'skii ukazatel' za 1966 g. [Subject index for 1966]

Preparation TB as an inhibitor of seed potato germination in storage. S. A. Gusev. Agrokhimia no. 12 131-131 D '67.

Rapid polarographic method for determining sugar in green peas. G. K. Davidov. Khim. v sel. khoz. 5 no. 10 69-70 O '67.

Thermal conditions and penetration of a horizontal water-filled roof of a greenhouse. V. S. Fominov. Dokl. AN Tadzh. SSR 10 no. 9 66-73 '67.

Use of sorbic acid in growing apple rootstock. V. M. Kolontsev. Khim. v sel. khoz. 5 no. 10:47-48 O '67.

Ways to overcome incompatibility in grafting. V. T. Koritskii. Izv. Akad. Geog. ob-va SSSR no. 6 67-71 '65.

631.5(431)—German Democratic Republic

[Crop rotation in the German Democratic Republic and German Federal Republic] Sevooboroty v khoziaistvakh GDR i FRG. Moskva, 1967. 82 p. (Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 8(106)) (DNAL)

631.5(433)—Federal Republic of Germany

[Crop rotation in the German Democratic Republic and German Federal Republic] Sevooboroty v khoziaistvakh GDR i FRG. Moskva, 1967. 82 p. (Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 8(106)) (DNAL)

631.5(496)—European communist countries as a group

Cooperation of the countries participating in the Comecon in increasing the intensification of agriculture. V. Storozhev. Vop. ekon. no. 12:99-107 D '67.

631.52 SELECTION. BREEDING. ACCLIMATIZATION

Aneuploidy in wheat rye (2n-58) and incomplete Triticum Agropyron (2n 56) amphidiploids. P. M. Skutina, I. N. Golubovskaya, V. P. Khvostova. Genetika no. 12:20-31 D '67.

Cross-pollination in peas. R. G. Vedyasheva. Sel'khoz. biol. 2 no. 6 919-921 '67.

Cytological study of hybrids obtained by crossing octoploid wheat-rye amphidiploids with soft wheat and hexaploid Triticale. T. N. Fedorova. Genetika no. 12:43-52 D '67.

Effect of the maternal plant on the formation of properties and character in best hybrids. M. D. Laricheva, M. M. Avdeeva. Sel'khoz. biol. 2 no. 6:884-887 '67.

Heterosis in wheat. M. A. Fedin. Sel'khoz. biol. 2 no. 6:879-883 '67.

Identification of induced polyploid potato forms. I. U. P. Laptev, R. S. Dvoriankina. Genetika no. 12:32-38 D '67.

Increase in the resistance of sunflower to broomrape by grafting it to Jerusalem artichoke. L. K. Minchev. Sel'khoz. biol. 2 no. 6:947-950 '67.

Method of electrophoretic pollen separation for breeding purposes. V. I. Ostapenko, S. D. Ryzhkov. Genetika no. 12:39-42 D '67.

Methods of breeding vegetables used at the Gribovo Station. A. V. Alpat'ev. Sel'khoz. biol. 2 no. 6:824-831 '67.

Quality variations of grain in ears of winter wheat. P. F. Sekun. Sel'khoz. biol. 2 no. 6:896-899 '67.

Resistance of winter wheat sample varieties to fungal diseases. T. K. Zimina. Sel'khoz. biol. 2 no. 6:916-918 '67.

Role of N. I. Vavilov's works in the Soviet plant breeding. D. D. Brezhenev, S. M. Bukasov, M. M. Akubskiy. Sel'khoz. biol. 2 no. 6:928-939 '67.

Use of interlinear hybridization in buckwheat breeding. A. V. Zheleznev. Genetika no. 12:12-19 D '67.

631.52(575.1)—Uzbek S.S.R.

Development of cotton breeding and genetics research in Uzbekistan during the last 50 years. Uzb. biol. zhur. 11 no. 5 69-83 '67.

Physiology and biochemistry of plants in Uzbekistan. A. I. Imamatov, R. R. Rakhmanov. Uzb. biol. zhur. 11 no. 5 22-27 '67.

631.6 RURAL ENGINEERING

In the State Committee for Vocational Education Attached to the Council of Ministers of the U.S.S.R. Prof. tekhn. obr. 24 no. 5:22-23 My '67.

Mechanization and industrialization of meliorative construction. V. Komissarov. Tekh. v sel'khoz. 27 no. 11:47-52 '67.

Methodology of the calculation of total evaporation on irrigation fields. I. G. Gorbunova. Trudy GGO no. 214:87-86 '67.

The necessity of improving information services in hydraulic engineering and reclamation of land problems. V. N. Gorinskiy. NII. Ser. 1 no. 10 12-16 '67.

631.6(471.63)—Krasnodar Territory

Capital assets and the economics of intercollective farm construction organizations. A. Shevlev. Ekon. stroi. 10 no. 145-49 '68.

631.6(575.1)—Uzbek S.S.R.

Developing irrigation in Uzbekistan. S. Usmanov. Ekon. i zhizn' no. 7 78-80 '67.

Earthmoving and irrigation machinery should have a specialized repair depot. I. I. Akubov. Ekon. i zhizn' 6 no. 12:57-59 D '66.

The Surkhan-Darya-Shirabad-Darya interfluvial and prospects for its further irrigation and use. A. Ruziev. Izv. Uzb. geog. ob-va 8 104-107 '64.

631.8 FERTILIZERS. MANURING

Aspects of mass exchange in combined process of production of complex granulated fertilizers. M. Z. Tavik and others. Uzb. khim. zhur. 11 no. 5:60-71 '67.

Catalytic chemisorptional submicrofertilizers. A. G. Gul'man, A. N. Ktochkova. Dokl. MIISF 3 no. 1 383-389 '66.

Changes in the chemical composition of soybean seeds as affected by foliar phosphorus dressing. I. T. Belikov, R. A. Burtseva. Sel'khoz. biol. 2 no. 6:900-904 '67.

Complex liquid fertilizers based on cyclic nitric acid decomposition of phosphates. Le Van Di, F. M. Mirzaev, M. N. Nabilov. Uzb. khim. zhur. 11 no. 5:11-13 '67.

Determining boron deficiency in sugar beets. K. A. Daskovich. Khim. v sel. khoz. 5 no. 10:10-13 O '67.

Development of the mechanization of the preparation and placement of organic fertilizers. M. Severnev, A. Dubov, S. Nazarov. Tekh. v sel'khoz. 27 no. 11:42-46 '67.

Dynamics of low molecular nitrogen compounds in wheat ontogeny. A. N. Ponomareva. Fiziol. rast. 14 no. 6:1101-1106 N-D '67.

Economic evaluation of the effectiveness of liming continuously fertilized soils. K. I. Kurochkin. Dokl. MIISF 3 no. 1 397-406 '66.

Effect of ammonium nitrate and sulfate on the uptake of nutrients in plants and the spring wheat yield in light-gray forest soil. T. P. Slavina. Agrokhimia no. 12:106-111 D '67.

Effect of herbicides on oxidative phosphorylation changes in different varieties of cultivated plants. S. M. Mashukov, V. P. Deeva. Fiziol. rast. 14 no. 6:1033-1041 N-D '67.

Effect of lime and molybdenum on alfalfa yield. V. F. Skvortsov. Agrokhimia no. 12:91-96 D '67.

Effect of nitrogen on corn cob formation under various water supplies. N. G. Sykalo. Khim. v sel. khoz. 5 no. 10:5-8 O '67.

Effect of nitrogen on the quality of the grain of winter wheat parent plants and their progeny. I. D. Filip'ev. Agrokhimia no. 9:23-27 S '67.

Effect of prolonged application of potassium fertilizers on yield and quality of potato. N. I. Tikhonov, A. M. Litvak. Agrokhimia no. 12:51-55 D '67.

Effect of succinic and naphthenic acids on the fine-fiber cotton tree treated with different doses of nitrogen-phosphorus fertilizers. T. B. Bazanova. Izv. AN Turk. SSR. Ser. biol. nauk no. 4:24-29 '67.

Effect of sulfur containing fertilizers on the yield of forage cabbage. Z. M. Shuglia. Agrokhimia no. 9:28-32 S '67.

Effect of the planting density of corn and sunflower on the utilization of nutrients from soils and fertilizers by plants. N. N. Tref'akov, V. A. Romanov, E. V. Klushina. Khim. v sel. khoz. 5 no. 10:2-4 O '67.

Effect of various mineral fertilizers on corn yield in rich Chernozem soils under watering conditions. S. M. Gurevich, N. K. Boronin. Agrokhimia no. 12:34-40 D '67.

Effect of various nitrogen fertilizer forms and microelements on the metabolic activity of cotton roots. Kh. Kh. Eshiev, V. K. Andriushchenko. Fiziol. rast. 14 no. 6 1060-1066 N-D '67.

Effect of various nitrogen fertilizers on sugar beets. T. I. Bisovetskii, P. S. Zinchenko, L. V. Fedorenko. Agrokhimia no. 12:37-33 D '67.

- [Development of cotton growing in the U.S.S.R.: reference manual] *Razvitie khlopkovodstva v SSSR, spravochnoe posobie* Moskva, 1907 75 p. (Vsesoluznyy institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 20(83)) (DNAL)
- Differences in developing cotton seeds as related to their position in the boll. G. V. Kamalova, N. N. Potlamsheva. *Uzb. biol. zhur.* 11 no. 5 64-68 '67.
- Dynamics of low molecular nitrogen compounds in wheat ontogeny. A. N. Onomareva. *Fiziol. rast.* 14 no. 6 1104-1106 N-D '67.
- Effect of ammonium nitrate and sulfate on the uptake of nutrients in plants and the spring wheat yield in light-gray forest soil. T. P. Slavnina. *Agrokhim. no. 12* 106-111 D '67.
- Effect of avadex and trialfate on wild oat, wheat, and barley. A. S. Kozlov. *Khim. v sel'khoz.* 5 no. 10 40-41 O '67.
- Effect of fatty acid salts on yeast growth. K. Ryzanov, V. Khr. Popov. *Prikl. biokhim. i mikrobiol.* 3 no. 6 680-684 N-D '67.
- Effect of herbicides on the quality of oat grain. A. A. Petunova, E. M. Kazarina, V. O. Pavlovskaya. *Khim. v sel'khoz.* 5 no. 10 42-43 O '67.
- Effect of lime and molybdenum on alfalfa yield. V. F. Sviridov. *Agrokhim. no. 12* 93-96 D '67.
- Effect of nitrogen on corn cob formation under various water supplies. N. G. Sykalo. *Khim. v sel'khoz.* 5 no. 10 5-8 O '67.
- Effect of sodium trichloroacetate on the content of nitrogen substances in lupine varieties resistant and susceptible to herbicides. S. M. Mashtakov. *Agrokhim. no. 9* 80-89 S '67.
- Effect of the planting density of corn and sunflower on the utilization of nutrients from soils and fertilizers by plants. N. N. Tret'yakov, V. A. Romanov, F. V. Klushina. *Khim. v sel'khoz.* 5 no. 10 2-4 O '67.
- Effect of 2, 4-D on the nitrogen and gluten content of spring wheat grain. L. G. Khupunova. *Khim. v sel'khoz.* 5 no. 10 44-45 O '67.
- Effect of various mineral fertilizers on corn yield in chernozem soils under watering conditions. S. M. Gurevich, N. K. Boronin. *Agrokhim. no. 12* 34-40 D '67.
- Effect of various nitrogen fertilizers on sugar beets. T. Ia. Blisovetskii, P. S. Zinchenko, L. V. Fedotenko. *Agrokhim. no. 12* 27-33 D '67.
- Electron microscopic study of ovules of self-pollinated corn line with different cytoplasm type. A. N. Paliova, N. V. Turbin, N. V. Atrashchenko. *Dokl. AN SSSR* 176 no. 1 202-204 S-O '67.
- Experimental study of factors affecting the crumbling of pea grains. V. M. Khalanski. *Dokl. MIIS P.* 3 no. 1 87-92 '66.
- Heterosis in wheat. M. A. Fedin. *Sel'khoz. biol.* 2 no. 6 877-883 '67.
- Influence of predecessor on the yield and quality of fiber flax, review of literature from 1892 to 1966. Viliante predshestvennikov na urozhai i kachestvo volokna l'na-dolgutsa, obzor literatury za 1892-1966 gg. Moskva, 1967 82 p. (Vsesoluznyy institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu, Obzor literatury, no. 12(113)) (DNAL)
- Isolation of chloroplasts from sugar beet leaves. V. M. Rhodes, M. M. Khomilak. *Ukr. biokhim. zhur.* 39 no. 4 444-448 '67.
- Konstantinov, N. N. [Morphological and physiological fundamentals of the ontogeny and phylogeny of the cotton plant] *Morfologiya-fiziologicheskie osnovy ontogeneza i filogeneza khlopkov*. Moskva, Nauka, 1967, 289 p.
- Mechanism of the effect of maleic acid hydrazide on the growth and sugar accumulation in sugar beet roots. O. A. Pavlinova, M. F. Prasolova, E. A. Ivanova. *Fiziol. rast.* 14 no. 6 892-896 N-D '67.
- Methodology of the determination of heat balance on a potato field. R. S. Liapina, T. A. Ogneva. *Trudy GGO* no. 214 34-47 '67.
- Nitrogen forms in gray forest soils of the Central Chernozem Zone. P. G. Aderikhin, A. P. Shcherbakov. *Agrokhim. no. 12* 118-121 D '67.
- Phosphorus uptake by winter crops with different winter hardness. G. D. Borzhkovskaya. *Agrokhim. no. 12* 112-117 D '67.
- Price, and price determination in cotton growing. A. Burnashev. *Ekon. i zhizn'* 9 no. 8 85-87 Je '67.
- Profile of wind and the parameter of roughness on a potato field. R. S. Liapina. *Trudy GGO* no. 214 63-70 '67.
- Protein synthesis rate in the growth zones of corn seedling roots. E. E. Khavkin, E. V. Tokareva, N. V. Obrucheva. *Fiziol. rast.* 14 no. 6 897-906 N-D '67.
- Quality and energy indices of the threshing process of grain bulk with crushing before threshing. A. M. Khola-dze. *Dokl. MIIS P.* 3 no. 1 109-114 '66.
- Quality variations of grain in ears of winter wheat. P. F. Sekun. *Sel'khoz. biol.* 2 no. 6 898-899 '67.
- Resistance of winter wheat sample varieties to fungal diseases. T. K. Zimina. *Sel'khoz. biol.* 2 no. 6 918-918 '67.
- Some results of the probable analysis of the changing characteristics of grain materials delivered for cleaning. A. G. Puzankov. *Dokl. MIIS P.* 3 no. 1 129-138 '66.
- Study of the kinetics of hydrolysis of tobacco stem hemi-celluloses. M. I. Goriaev and others. *Trudy Inst. khim. nauk. AN Kazakh SSR* 19 125-131 '67.
- Studying the effect of some growth promoting substances on the development of winter wheat. F. M. Prutskov. *Agrokhim. no. 9* 74-79 S '67.
- Studying the new technology of corn growing in central regions of the non-Chernozem belt. V. N. Stepanov, V. I. Filatov. *Dokl. MIIS P.* 3 no. 1 421-427 '66.
- Studying the threshing process of ground and underground grain bulk using high-frequency motion picture photography. A. M. Kheladze. *Dokl. MIIS P.* 3 no. 1 101-107 '66.
- Use of microbubble method for determining proteins in nodules of leguminous plants. G. Ia. Zhiznevskaya, G. I. Livanova. *Agrokhim. no. 12* 103-105 D '67.
- Work indices of a threshing machine with logarithmic shape of teeth for pea threshing. N. N. Radionov. *Dokl. MIIS P.* 3 no. 1 163-166 '66.

633(4)—Europe

[Rice crops in European countries; a review of foreign literature] *Kul'tura risa v stranakh Evropy, obzor literatury*. Moskva, 1967. 87 p. (Vsesoluznyy institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 1(94)) (DNAL)

633(477)—Ukrainian S. S. R.

Connection of corn yield with drought indices. V. V. Svirina. *Trudy Ukr. NIGMI* no. 68 11-21 '67.

Effect of nitrogen on the quality of the grain of winter wheat parent plants and their progeny. I. D. Filip'ev. *Agrokhim. no. 9* 22-27 S '67.

Methodology of the calculation of changes in moisture supply in sugar beet and corn fields. L. K. Grigor'eva. *Trudy Ukr. NIGMI* no. 68 55-65 '67.

Preliminary results of experimental studies of the heat regime of winter wheat and corn in the steppe part of the Ukraine. L. I. Sakali, N. A. Perelet, A. P. Solodovnikova. *Trudy Ukr. NIGMI* no. 68 22-32 '67.

Some characteristics of yield variations of sugar beets. N. I. Mikhailova. *Trudy Ukr. NIGMI* no. 68 33-44 '67.

633(478)—Moldavian S. S. R.

[Feeding and fertilizing field crops in Moldavia] *Pitanie i udobrenie sel'skokhoziaistvennykh rastenii v Moldavii*. Kishinev, Kartia Moldoveniaske, 1967. 267 p.

633(479, 22)—Georgian S. S. R.

Economic effectiveness of the use of herbicides in corn fields. O. G. Koshelashvili. *Khim. v sel'khoz.* 5 no. 10 71-73 O '67.

633(485)—Sweden

Problems of the ecology of some field crops in Sweden. Erik Akerberg. *Sel'khoz. biol.* 2 no. 6 846-849 '67.

633(571)—Astatic R. S. F. S. R.

Testing prometryn and alifur in sunflower fields of Western Siberia. D. S. Vasil'ev, N. D. Bebekh. *Khim. v sel'khoz.* 5 no. 10 37-39 O '67.

633(574)—Kazakh S. S. R.

Alkaloid plants of Kazakhstan. V. I. Kozlova, M. I. Goriaev. *Trudy Inst. khim. nauk. AN Kazakh SSR* 19 120-124 '67.

633(575)—Central Asia

New alkaloid-bearing plants from the family Boraginaceae. T. Adylov, E. E. Kozlova, K. Tal'chanov. *Uzb. biol. zhur.* 11 no. 5 46-49 '67.

633(575, 1)—Uzbek S. S. R.

Living history. P. Popkov. *Ekon. i zhizn'* 9 no. 6 23-24 Je '67.

633(575, 4)—Turkmen S. S. R.

Blastomogenic properties of some chewing tobacco components. A. I. Aronskii. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 4 88-90 '67.

Effect of defoliant on physiological processes in the fine-fiber cotton tree. A. B. Sopyev. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 4 18-23 '67.

Effect of succinic and naphthene acids on the fine-fiber cotton tree treated with different doses of nitrogen-phosphorus fertilizers. T. B. Bazanova. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 4 24-29 '67.

Nicotinic acid and thiamine synthesis by the rhizosphere bacteria of the fine-fiber cotton tree. N. T. Kiseleva. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 4 10-17 '67.

Reaction of pollinizer varieties of various sorghum species to cytoplasmic male sterility in Turkmenia. Z. A. Kerbabaeva. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 4 30-35 '67.

633(720)—West Indies

Cuban "safra." V. Lugov. *Mezhdunar. zhizn'* 15 no. 1 150-151 Ja '68.

633, 2 FORAGE GRASSES AND GRASSLAND

Shkur, G. M. [Organizational principles of a green forage production plan] *Printsipy organizatsii zelenykh konvetorov*. Kishinev, Kartia Moldoveniaske, 1967. 44 p.

Work of the Fourth All-Union Symposium on new crops for silage. S. S. Kharkevych. *Dop. AN URSS, Ser. B* 29 no. 11 1047-1049 N '67.

633, 2(471, 311)—Moscow Province

Animals on pasture bloccos of the northern forest steppe. V. V. Grudov. *Vest. Mosk. un. Ser. Biol., pochv.* 22 no. 6 64-67 N-D '67.

633, 2(471, 6)—Northern Caucasus

Use of fertilizers and herbicides to improve mountain pastures in the Northern Caucasus. A. A. Zotov. *Khim. v sel'khoz.* 5 no. 10 13-17 O '67.

634, 0 FORESTRY

All-Union conference of the workers of the hydrolysis and sulfite-alcohol enterprises. V. I. Kropotov. *Gidroliz. i lesokhim. prom.* 18 no. 7 30 '65.

Chemical composition of soluble resins of various origins. L. V. Kromina, D. V. Tishchenko. *Gidroliz. i lesokhim. prom.* 18 no. 7 9-12 '65.

Conference of the workers of the wood chemicals producing enterprises of the Russian Federation. K. V. Lozhikova. *Gidroliz. i lesokhim. prom.* 18 no. 8 30 '65.

Contribution of the efficiency promoters. A. S. Medovina. *Gidroliz. i lesokhim. prom.* 18 no. 8 26-28 '65.

Controlling the process of turpentine rectification. B. V. Etimolov. *Gidroliz. i lesokhim. prom.* 18 no. 7 17 '65.

Distillation of wood resins and their products. Report No. 3. A. N. Bagaev. *Gidroliz. i lesokhim. prom.* 18 no. 7 13-15 '65.

Establishment of the sulfite-alcohol production. N. P. Gadalev. *Gidroliz. i lesokhim. prom.* 18 no. 8 9-11 '65.

Fuel hydrolysis industry. A. M. Shiriaev. *Gidroliz. i lesokhim. prom.* 18 no. 8 5-9 '65.

[Forestry and forest management] *Ref. zhur.: Lesoved. i lesovod.* nos. 10-11 N '67, *Predmetnyi ukazatel' za 1966 g.* [Subject index for 1966]

In the department of hydrolysis and wood chemistry products. *Gidroliz. i lesokhim. prom.* 18 no. 7 31 '65.

Kalutskii, K. K., M. F. Lazarov, and V. S. Kholmsko. [Technology of forest exploitation and restoration in mountainous terrain] *Tekhnologiya lesosaznabolok i lesovosstanovleniya v gornykh usloviyakh*. Moskva, Lesnaya promyshl., 1967. 135 p.

Medvedev, V. M. [Our small integrated crew] *Nasha malaya kompleksnaya brigada*. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1967. 20 p. (Opyt novatorov - v massy!)

Movement towards the development of industrial production. *Gidroliz. i lesokhim. prom.*

Nonsulfonated compounds as antifoam for production of yeast. G. P. Balakli. *Izv. AN Turk. SSR, Ser. biol. nauk* no. 4 10-17 '67.

Processes of the accumulation of the cover of swam subzone. V. F. Ir. N '67.

Production of tar. E. V. Osipova. *N. prom.* 18 no. 8 '65.

Protection of forest. *12 no. 11 '65.*

Radioactive contr. in mining indust. I. Ia. Kolesnikov. *no. 5:121-125 S-4*

Some problems of ysis industry. / *prom.* 18 no. 7:

Sorption of color from various ion exch. *Gidroliz. i lesokl*

Study of the mech. saccharides in t. acid by electron. Gorokhov. *Gidh* '65.

[Tables for taxat] *laksatit topoley promyshl., 196*

Tar-impregnated. B. N. Dyk. *lesokhim. prom.*

Thermal degradat. the presence of. *Izv. i lesokhim. p*

- 634.0 (Continued)
- Thirty years of the hydrolysis industry and the sulfite-alcohol production. Gidroliz. i lesokhim. prom. 18 no. 8-5 '65
- Vasil'ov, P. V. [Forest land, essays on Soviet and foreign forests]. Zemlia lesnaya, ocherki o sovetskikh i zarubezhnykh lesakh. Moskva, Nauka, 1967. 238 p. (Nauchno-populiarnaya seriya)
- 634.0(470)—European U.S.S.R.
- [Growing pine plantations on sandy soils of the south-east]. Vyrashchivanie sosnykh nasazhdenii na peschanykh zemliakh Yugo-Vostoka. Moskva, 1966. 60 p. (Vsesoiuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 14(76)) (DNAL)
- 634.0(471.232)—Leningrad City
- Drum-type MRP-800 chopping machine. N. M. Val'shchikov, P. I. Fadin. Gidroliz. i lesokhim. prom. 18 no. 7:23-25 '65
- 634.0(471.51)—Udmurt A.S.S.R.
- Production of a viscosity reducer. N. V. Palamodov. Gidroliz. i lesokhim. prom. 18 no. 7:21-22 '65.
- 634.0(471.53)—Perm Province
- Organization of railroad transportation of lumber. G. Kataev. Mat.-tekhn. snabzhenie 2 no. 9:26-29 '67.
- 634.0(471.54)—Sverdlovsk Province
- From the work practice of the yeast plant. A. T. Norina. Gidroliz. i lesokhim. prom. 18 no. 8:22-23 '65.
- 634.0(477)—Ukrainian S.S.R.
- Pine tapping with sulfuric acid in the Ukrainian S.S.R. S. I. Babitskiy. Gidroliz. i lesokhim. prom. 18 no. 7:20-21 '65.
- 634.0(477.88)—Transcarpathia
- Wood chemicals production in Transcarpathia. V. D. Filip. Gidroliz. i lesokhim. prom. 18 no. 7:18-19 '65.
- 634.0(571.51)—Krasnoyarsk Territory
- Effect of fertilizers in fields protected by shelter belts, of the Minusinsk Lowland. T. I. Alifanova. Agrokhimia no. 12:41-46 '67.
- 634.0(571.62)—Khazarovsk Territory
- Efficiency promoters of the hydrolysis industry. L. I. Kopteva. Gidroliz. i lesokhim. prom. 18 no. 7:27-29 '65
- Perspective of the development of the Khor Hydrolysis Plant. M. F. Trutskova. Gidroliz. i lesokhim. prom. 18 no. 8:23-24 '65
- Rationalization at the Khor Hydrolysis Plant. L. I. Kopteva. Gidroliz. i lesokhim. prom. 18 no. 8:24-26 '65
- 634.0(575.4)—Turkmen S.S.R.
- Characteristics of water balance in woody plants grown on lakebed sands along the Kara Kum Canal. M. Shirmamedov. Izv. AN Turk. SSR, Ser. biol. nauk no. 4:36-40 '67.
- 634.1 FRUIT GROWING
- Accumulation of DDT in fruit stands under its continuous use. V. P. Vasil'ev and others. Khim. v sel'. khoz. 5 no. 10:18-19 '67.
- Biochemical characteristics of the upper and lower crown levels of apple trees with their own roots and grafted trees. L. V. Solov'eva. Vest. Mosk. un. Ser. Biol., pochv. 22 no. 6:91-95 ND '67.
- Deviatov, A. S. [Planning fruit culture]. Proektirovaniye plodovodstva. Minsk, Urozhai, 1967. 101 p.
- Distribution of roots of fruit trees as related to thermal characteristics of light steppe soils. I. M. Vashchenko. A. G. Gaid. Vest. Mosk. un. Ser. Biol., pochv. 22 no. 6:86-100 ND '67.
- Organic acids in apples and their changes during fruit storage. A. A. Kolesnik, L. I. Avdeeva. Prikl. biokhim. i mikrobiol. 3 no. 6:693-698 ND '67.
- Phytocidal properties of fruits of subtropical persimmon. A. N. Nizharadze, R. N. Lomsadze. Prikl. biokhim. i mikrobiol. 3 no. 6:704-708 ND '67.
- Relationship between the frost resistance of grapevine varieties and the conditions of hardening. K. S. Pogoman, M. M. Sarkisova. Fiziol. rast. 14 no. 6:1057-1064 ND '67.
- Some data on water balance and heat resistance in Cornus tomentosa Thunb., C. vulgaris Mill., C. fruticosa Pall. and C. sachalinensis Fr. Schmidt. E. D. Talaismuk, S. M. Usol'tseva. Fiziol. rast. 14 no. 6:1065-1070 ND '67.
- Study of polyphenols in subtropical persimmon fruits. E. P. Kotidi. Prikl. biokhim. i mikrobiol. 3 no. 6:744-747 ND '67.
- Use of sorbic acid in growing apple rootstock. V. M. Kofeev. Khim. v sel'. khoz. 5 no. 10:47-48 '67.
- 634.1(471.62)—Krasnodar Territory
- Content of basic mineral elements in grape leaves of the subtropical zone of the Krasnodar Territory. K. P. Skripina. Agrokhimia no. 12:127-130 '67.
- 634.1(575.1)—Uzbek S.S.R.
- Achievements and potentialities of Uzbek farmers raising vine crops. I. Skvortsov. Ekon. i zhizn' 8 no. 12:60-63 D '66.
- Use highly efficient methods in gardening. I. Dzharayev. Ekon. i zhizn' 9 no. 6:81 Je '67.
- 635 HORTICULTURE
- New type of regeneration of vegetative buds in cherry trees. A. I. Eustratov. Sel'khoz. biol. 2 no. 6:892-895 '67.
- Physiological and biochemical changes in apple trees as affected by the incompatibility of grafting components. V. G. Leonchenko. Sel'khoz. biol. 2 no. 6:888-891 '67.
- 635(476)—White Russian S.S.R.
- Effect of sulfur containing fertilizers on the yield of forage cabbage. Z. M. Shuglia. Agrokhimia no. 9:28-32 '67.
- 635(479.24)—Azerbaijan S.S.R.
- Subtropics as the basis of winter vegetable gardening for the northern and central zone of the U.S.S.R. A. A. Antonuk. Dokl. MIUSP 3 no. 1:429-434 '66.
- 635.1 VEGETABLE GARDENING AND VEGETABLES
- Comparative testing of the examples of root crop fruits under compression at various speeds of deformation. R. A. Shagmardanov. Dokl. MIUSP 3 no. 1:257-260 '66
- Effect of auxin on the growth of discs from leaves of forage cabbage and nucleic acid content in them. V. V. Polevoi and others. Dokl. AN SSSR 176 no. 1:217-219 S-O '67
- Effect of herbicides on various pea varieties. A. M. Gulidov, A. T. Zimovskaya. Agrokhimia no. 9:90-95 S '67
- Effect of prolonged application of potassium fertilizers on yield and quality of potato. N. I. Tikhonov, A. M. Litvak. Agrokhimia no. 12:51-55 D '67
- Effect of the maternal plant on the modification of properties and character in beet hybrids. M. D. Laricheva, M. M. Avdeeva. Sel'khoz. biol. 2 no. 6:884-887 '67.
- Stability of the system of the automatic regulation of the temperature of incoming air in potato storages with mechanical ventilation. G. S. Toffe, V. I. Konovalev. Dokl. MIUSP 3 no. 1:443-449 '66.
- Studying the process of sorting carrot roots. L. S. Bakulev. Dokl. MIUSP 3 no. 1:185-193 '66.
- 635.6 EDIBLE FRUIT AND SEED PLANTS
- Molybdenum localization in cell structures of pea leaves. P. A. Vlasuk, V. I. Ivchenko. Agrokhimia no. 12:87-92 D '67.
- Nitrogen, phosphorus and potassium content in pulse crops under various nutritional conditions. V. I. Shempel'. N. P. Kukresh. Agrokhimia no. 12:47-50 D '67.
- Relation between tomato plants and nutrition conditions, aeration and substrate moisture. N. A. Kolesova. Agrokhimia no. 12:58-61 D '67.
- Testing new preparations for controlling cucumber powdery mildew. N. M. Golyshev, M. A. Sanin, L. A. Zinov'eva. Khim. v sel'. khoz. 5 no. 10:20-26 '67.
- 635.6(497.2)—Bulgaria
- [Tomato growing in Bulgaria; a review of literature for 1957-1965]. Kul'tura tomatov v Bolgari; obzor literatury za 1957-1965 gg. Moskva, 1966. 70 p. (Vsesoiuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 10(34)) (DNAL)
- 635.6(575.4)—Turkmen S.S.R.
- Vitamin C and sugar content in melons of the Turkmen S.S.R. K. A. Kuliev. Izv. AN Turk. SSR, Ser. biol. nauk no. 4:49-53 '67.
- 635.9(575.1)—Uzbek S.S.R.
- Flowers and rubies. I. Kuz'michev. Ekon. i zhizn' 8 no. 12:35-36 D '66
- 635.9(575.4)—Turkmen S.S.R.
- Introduction of some ornamental plants in Turkmenia. L. E. Ischenko. Izv. AN Turk. SSR, Ser. biol. nauk no. 4:54-60 '67.
- 636 DOMESTIC ANIMALS
- [Antibiotics in feeding farm animals]. Antibiotiki v kormlenii sel'skokhoziaistvennykh zhivotnykh. Moskva, 1967. 110 p. (Vsesoiuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 17(79)) (DNAL)
- Characteristics of the protein nutrition of farm animals. N. A. Shmanenkov, A. N. Kosharov. Sel'khoz. biol. 2 no. 6:803-813 '67.
- Effect of albumin-vitamin additives and the level of protein in the ration on the quality of pork meat. N. Iarov and others. Mias. ind. SSSR 38 no. 12:35-38 D '67.
- Free amino acid content in the tissues of the digestive apparatus in lambs. V. A. Arsen'ev. Sel'khoz. biol. 2 no. 6:925-927 '67.
- Use of RUK-2 for determining fat and meat deposits in live pigs. P. I. Iudin, N. I. Belykh, V. Stepanova. Mias. ind. SSSR 38 no. 12:12-14 D '67
- 636.08 STOCK MANAGEMENT BREEDING, CARE
- Amino acid composition of silage from sugar beets. M. A. T. Karapetian, V. A. Petrosian. Prikl. biokhim. i mikrobiol. 3 no. 6:686-692 ND '67.
- Change in the motor activity of the abomasum of calves under the effect of milk feeding. P. A. Mel'nik. Trudy VNIIFIB 3:65-81 '66
- Effect of vitamin B₁₂ on the growth of laboratory animals. E. T. Filipovich. Khim. v sel'. khoz. 5 no. 10:59 '67
- Mobile doubled feeder for cattle. A. Semernin. Yelk. v sel'khoz. 27 no. 11:53-55 '67
- Motor activity and the pH value of the contents of the rumen, abomasum, and duodenum of sheep fed various rations with the use of colimycin. E. T. Khrushchik, O. V. Arkhipov, V. N. Doronin. Trudy VNIIFIB 3:64 '66
- Nitrogen and animal husbandry. N. A. Shmanenkov. Trudy VNIIFIB 3:24-33 '66.
- Preservation of mallow using chemical preparations. P. N. Shubin, N. E. Kochanov, M. P. Roshchevskii. Khim. v sel'. khoz. 5 no. 10:52-55 '67.
- Results of the physiological stimulation of the productivity of farm animals under various conditions. P. E. Radkevich. Trudy VNIIFIB 3:397-402 '66.
- Studying the effectiveness of feeding rations with various levels of arginine to weaned pigs. I. U. N. Gradusov. Trudy VNIIFIB 3:378-380 '66.
- Studying the effectiveness of feeding rations with various levels of lysine to weaned pigs. I. U. N. Gradusov. Trudy VNIIFIB 3:344-346 '66.
- Studying the effectiveness of feeding rations with various levels of phenylalanine to weaned pigs. I. U. N. Gradusov. Trudy VNIIFIB 3:381-383 '66.
- Use of nonprotein nitrogen in feeding ruminants. I. I. Poliakov. Dokl. MIUSP 3 no. 1:451-456 '66.
- 636.08(471.46)—Astrakhan Province
- Stock farming on the pasture lands of the Caspian Lowland. O. E. Bukhgalov, Vest. Mosk. un. Ser. 5: Geog. 22 no. 4:45-53 Ji-Arg '67.
- 636.08(575.1)—Uzbek S.S.R.
- Take care of the breeding stock. S. Vakhidov, A. Dzhubarov. Ekon. i zhizn' 8 no. 12:53 D '66.
- 636.1 HORSES
- Higher nervous activity in horses. G. V. Parashutin, F. M. Rumiantseva. Trudy VNIIFIB 3:229-237 '66.
- 636.2 CATTLE
- Acetylating coenzyme in the liver and mucous membrane of different digestive tract sections of cattle. V. I. Skotokhidi. Ukr. biokhim. zhurn. 39 no. 4:421-423 '67
- Effect of insulin on the content of nitrogen compounds and enzyme activity in the rumen of cattle. M. M. Martynuk. Ukr. biokhim. zhurn. 39 no. 4:418-420 '67
- Importance of rumen digestion in the process of metabolism and the formation of ketosis in productive cows. F. S. Polukhin. Trudy VNIIFIB 3:191-205 '66.
- Inbreeding and teratoma in the offspring of Yaroslavl cattle stock. K. M. Luntikov. Genetika no. 12:89-97 D '67.
- "Insoluble" blood serum protein in pregnant cows. B. O. Protsenko, I. I. Kuz'menko. Ukr. biokhim. zhurn. 39 no. 4:412-417 '67
- Lactic acid metabolism in the rumen of ruminants. N. G. Porinova, N. V. Kurilov. Trudy VNIIFIB 3:129-130 '66
- Metabolism of carbohydrates and low molecular fatty acids in the wall of the digestive canal in ruminants studied by the angiotomic method. P. F. Soldatenov. Trudy VNIIFIB 3:115-128 '66
- [Modern methods of fattening beef cattle; a review]. Sovremennyye metody okormleniya miasnogo krupnogo rogatogo skota; obzor. Moskva, 1966. 135 p. (Vsesoiuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 9(33)) (DNAL)
- Protein fractions of the blood serum of the cattle of high and low milk productivity. A. P. Sadokova, N. D. Bobrovskaya. Trudy VNIIFIB 3:347-350 '66
- Quantitative characteristics of the rumen and intestinal digestion. A. A. Aliev. Trudy VNIIFIB 3:150-158 '67.
- Synthesis of proteins in the rumen of cattle from the nitrogen of carbamide. A. I. A. Grigor'eva. Trudy VNIIFIB 3:384-388 '66.
- 636.3 SHEEP, GOATS
- [Breeding work in meat and wool sheep raising; a review of foreign literature]. Plemennaia rabota v miasno-shestermnom obshchevodstve, obzor inostrannoi literatury. Moskva, 1966. 89 p. (Vsesoiuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 5(65)) (DNAL)
- Cultivation and some enzymes of the Indusorian Ophryoscolex caudatus tricornatus inhabiting in the rumen of sheep. M. D. Pomazina. Trudy VNIIFIB 3:174-178 '66.

636.3 (Continued)

- Electrophysiological characteristics of the motor activity of the complex stomach in cattle. A. N. Trusov. Trudy VNIIFiB 3 82-88 '66.
- Materials on the study of the mechanism of the reflex regulation of the motor activity of the digestive tract in sheep. F. A. Meshcheriakov. Trudy VNIIFiB 3 184-190 '66.
- Motor activity and the pH value of the contents of the rumen, abomasum, and duodenum of sheep fed various rations with the use of colimycin. E. T. Khrutskii, O. V. Arkhipov, V. N. Doronin. Trudy VNIIFiB 3 59-64 '66.
- Secretion of the bile in sheep. D. K. Kuimov. Trudy VNIIFiB 3 89-102 '66.
- Secretory activity of pancreas in sheep. D. K. Kuimov. Trudy VNIIFiB 3 103-114 '66.

636.3(471.67)—Daghestan A. S. S. R.

- Studying the effect of some trace elements on the organization of sheep in the Sulak Lowland of Daghestan. A. A. Alverdiev, G. I. Gireev. Trudy VNIIFiB 3 369-377 '66.

636.4 SWINE, PIGS

- Age-related characteristics of the metabolism of calcium, phosphorus, and magnesium in young pigs. I. V. Petrukhin, V. S. Kriukov. Trudy VNIIFiB 3 321-327 '66.
- Content of free amino acids, proteins, and protein fractions in the blood plasma of the swine of various ages and breeds. G. P. Riamushkin. Trudy VNIIFiB 3 351-359 '66.
- Studying the effectiveness of feeding rations with various levels of arginine to weaned pigs. I. U. N. Gradusov. Trudy VNIIFiB 3 378-380 '66.
- Studying the effectiveness of feeding rations with various levels of phenylalanine to weaned pigs. I. U. N. Gradusov. Trudy VNIIFiB 3 381-383 '66.
- Studying the effectiveness of feeding rations with various levels of triptophan to weaned pigs. I. U. N. Gradusov. Trudy VNIIFiB 3 340-343 '66.

636.5 POULTRY

- Effect of chlorotetracycline on the absorption processes of amino acids in the intestines of chicks. M. I. Lotenkov, L. I. Podluzhnaia. Khim. v sel. khoz. 5 no. 10 55-58 '67.
- Effect of diaminomonocarboxylic acids on the development of hen embryos and the formation of sex. L. M. Zhmurin. Trudy VNIIFiB 3 364-368 '66.
- Effect of rations with various calcium and phosphorus content on the growth and blood indices of chicks grown for meat. V. S. Kruglov. Khim. v sel. khoz. 5 no. 10: 49-51 O '67.
- Measures to increase the manufacture of poultry products. N. Abashin. Mias. ind. SSSR 38 no. 12: 1-3 D '67.
- Norms and assimilation of carotene by layers. L. M. Dvinskaya. Trudy VNIIFiB 3 389-396 '66.
- Section of the poultry-processing industry of the Scientific and Technological Council of the Ministry of the Meat and Dairy Industry of the U. S. S. R. F. Gaevol. Mias. ind. SSSR 38 no. 12: 38 D '67.
- Studying the activity of the general dehydration and functional state of the thyroid gland in chickens fed methionine and glycine. V. I. Mikhailov. Trudy VNIIFiB 3 360-364 '66.

637 DAIRY AND OTHER ANIMAL PRODUCE

- Adaption of the conveyor for processing of two types of livestock. N. Novikov. Mias. ind. SSSR 38 no. 12: 27 D '67.
- Air ventilation in production plants. A. Khar'kova and others. Mias. ind. SSSR 38 no. 12: 13-15 D '67.
- Automation of fat pouring. A. Vasin, A. Sheinberg. Mias. ind. SSSR 38 no. 10: 34-36 O '67.
- Awarded with the honor diploma of the Ministry of the Meat and Dairy Industry and the Central Committee of the Trade Union of the Workers of the Food Industry. Mias. ind. SSSR 38 no. 12: 3 D '67.
- Basic trends of scientific research, designing and planning works for the improvement of the production and machinery of the meat and dairy industry. Mias. ind. SSSR 38 no. 12: 29-31 D '67.
- Basic trends of scientific research, experimental designing and planning works for the development of the production and technical basis of the meat and dairy industry. Khol. tekhn. 44 no. 12: 1-3 D '67.
- Change in the motor activity of the abomasum of calves under the effect of milk feeding. P. A. Nulipa. Trudy VNIIFiB 3 65-81 '66.
- Correct price determination is a prerequisite for the efficient use of milk resources. A. Kats. Vop. ekon. no. 12 48-58 D '67.
- Economic conference at the Novosibirsk Meat Combine. M. Zykova. Mias. ind. SSSR 38 no. 12: 39 D '67.
- Economic reform in action. A. Akasenko, Z. Lapshina. Mias. ind. SSSR 38 no. 12: 16-20 D '67.
- Effect of albumin-vitamin additives and the level of protein in the ration on the quality of pork meat. N. Iarov and others. Mias. ind. SSSR 38 no. 12: 35-38 D '67.
- Effect of conditions of the freezing and storage of semi-finished meat products on the losses of juice during thawing. V. S. Rostovskii, A. M. Danilov. Khol. tekhn. 44 no. 12: 34-38 D '67.

Increasing the power of a slaughterhouse without taking up more space. A. Zenin. Mias. ind. SSSR 38 no. 12: 27 D '67.

Intensification of the cooling process decreases meat losses. A. Sheffer, A. Saatchan. Mias. ind. SSSR 38 no. 12: 9-13 D '67.

Introduction of a new technique at the expense of State Bank loans. Ch. Krivickas, K. Vizbars. Mias. ind. SSSR 38 no. 12: 24-25 D '67.

Inventors and efficiency promoters as a driving power of progress. A. Apraksina. Mias. ind. SSSR 38 no. 10: 20-22 O '67.

Kinetics of drying sausage products. A. Sokolov, G. Slepikh, I. Kargal'tsev. Mias. ind. SSSR 38 no. 10: 39-41 O '67.

Labor shift in honor of the anniversary. N. Alekseev. Mias. ind. SSSR 38 no. 10: 11-12 O '67.

Measures to increase the manufacture of poultry products. N. Abashin. Mias. ind. SSSR 38 no. 12: 1-3 D '67.

Meat and dairy industries on the 50th anniversary of the Great October Socialist Revolution. S. Antonov. Mias. ind. SSSR 38 no. 10: 2-5 O '67.

Meat industry of the Sverdlovsk Province in 50 years. I. Udalykh. Mias. ind. SSSR 38 no. 12: 4 D '67.

Meat products in the provision of adequate nutrition for the population. A. Pokrovskii. Mias. ind. SSSR 38 no. 10: 23-25 O '67.

Method for simultaneous determination of lead and iron in canned products. L. Balod. Mias. ind. SSSR 38 no. 10: 37-38 O '67.

The ministers of the Union Republics report. S. Barabash and others. Mias. ind. SSSR 38 no. 10: 6-10 O '67.

Neck a la Moscow and the specially prepared breast of pork. L. Chudila, M. Gudkova. Mias. ind. SSSR 38 no. 10: 27-28 O '67.

Physiological properties of the work of a boner. I. U. P'lianov, M. Kuznetsov. Mias. ind. SSSR 38 no. 10: 43-45 O '67.

Products made from poultry. V. Khlebnikov, R. Slesareva, I. Petrovskaya. Mias. ind. SSSR 38 no. 10: 26-27 O '67.

Pumping skim milk in calf barns. P. Kostukov, V. Rumnev. Tekhn. v sel. khoz. 27 no. 11: 59-60 '67.

Role of scientists in the development of the meat industry. V. Gorbatov. Mias. ind. SSSR 38 no. 10: 16-18 O '67.

Scientific organization of labor and auxiliary services. V. Gorbatov, V. Shipov. Mias. ind. SSSR 38 no. 12: 20-22 D '67.

Section of the poultry-processing industry of the Scientific and Technological Council of the Ministry of the Meat and Dairy Industry of the U. S. S. R. F. Gaevol. Mias. ind. SSSR 38 no. 12: 38 D '67.

Seminar of state inspectors on the quality of production and the workers of the Ukrainian industry. V. Kuz'menko. Mias. ind. SSSR 38 no. 12: 39 D '67.

System of electromagnetic pulsators in milking parlors. V. Zvinitskovskii, Z. Gel'shtein. Tekhn. v sel. khoz. 27 no. 11: 50-59 '67.

Thermophysical basis of parameters for thermal processing of sausages with the purpose of automation. A. Peleev, A. Brazhnikov. Mias. ind. SSSR 38 no. 10: 30-33 O '67.

Trend of the fulfillment of socialist obligations by the industry. V. Lukankin. Mias. ind. SSSR 38 no. 10: 19 O '67.

Use of synthetic packaging materials for packaging of poultry meat. P. I. Pugachev. Khol. tekhn. 44 no. 12: 31-33 D '67.

Use of TUK-2 for determining fat and meat deposits on live pigs. P. Ladan, N. Belkina, V. Stepanova. Mias. ind. SSSR 38 no. 12: 32-34 D '67.

Ways to improve the quality of raw hides. O. Popova. Mias. ind. SSSR 38 no. 12: 5-7 D '67.

Winners of the all-Union socialist competition for the 3d quarter of 1967. Mias. ind. SSSR 38 no. 12: 4 D '67.

X rays contribute to the yield of adrenocortical hormones. A. Tongur, A. Pasyonskii, A. Chunaeva. Mias. ind. SSSR 38 no. 10: 42 O '67.

Years of growth. N. Kripak. Mias. ind. SSSR 38 no. 10: 12-13 O '67.

637(474.3)—Latvian S. S. R.

Minak and Riga Combines honored with the right to use the "quality trade mark". V. Aslanov, R. Salavatulina. Mias. ind. SSSR 38 no. 10: 28-29 O '67.

637(476)—White Russian S. S. R.

Minak and Riga Combines honored with the right to use the "quality trade mark". V. Aslanov, R. Salavatulina. Mias. ind. SSSR 38 no. 10: 28-29 O '67.

637(477)—Ukrainian S. S. R.

Method for the calculation of production under new economic conditions. A. Grinberg. Mias. ind. SSSR 38 no. 10: 45-46 O '67.

637(496)—European communist countries as a group

Broadened scientific and technical relations between socialist countries. D. Tenisheva. Mias. ind. SSSR 38 no. 10: 39-41 O '67.

637(571.17)—Kemerovo Province

Meat industry of the Kuznetsk Basin. P. Pan'shin. Mias. ind. SSSR 38 no. 10: 14-15 O '67.

638.1 BEEKEEPING

Methods used in analyzing the soil elements of honey. B. A. Markovskii, A. B. Sabel'nikov. Izv. Akad. Geog. ob-va SSSR no. 6 80-86 '65.

638.2 SILKWORM CULTIVATION

Biosynthesis of nucleic acids in the silk gland of a silkworm. P. Kufiyev, O. N. Mamedilazov. Izv. AN Turk. SSR. Ser. biol. nauk. no. 4: 3-9 '67.

Reaction of A¹-neurosecretory cells of silkworm to starvation during facultative nutrition. A. A. Panov. Dokl. AN SSSR 176 no. 1 195-198 S-O '67.

638.2(575.1)—Uzbek S. S. R.

Strides of the economic reform: Increase the capacity of the silk-reeling industry. A. Fattal'. Ekon. i zhizn' 8 no. 12 12 D '66.

639(471.11)—Archangel Province

Lake Onega as an object of fisheries. A. G. Iudin. Vest. LGU 22 no. 24 153-162 D '67.

639.2 FISHERIES

Achievements of the trawler "Trudovye rezervy." Prof. -tekh. obr. 24 no. 10 35 O '67.

Age-related changes in young-of-the-year *Salmo solar* L. and Baltic salmon and the effect of cultivation conditions on the state of young fish. M. F. Vernidub, Ryb. khoz. 43 no. 12 14-19 '67.

Automation of the process of separation of fuel and oils on ships. G. P. Kichin, L. A. Lemm, Ryb. khoz. 43 no. 12 32-35 '67.

Brief news. Ryb. khoz. 43 no. 12: 78-82 '67.

Cause for the diurnal ascent of sea fish feeding on plankton to the upper layers of water. S. G. Zussner, Ryb. khoz. 43 no. 12 20-21 '67.

Cooling system for large-volume steam boilers. B. I. Duber, I. S. Ikonnikov-Tsipulin, S. M. Khrapov. Ryb. khoz. 43 no. 12: 48-50 '67.

Determining the nature of fiber in net rigging materials. V. V. Borishchev. Ryb. khoz. 43 no. 12: 40-42 '67.

Engineering methods of the calculation of residual resistance of a catamaran. V. A. Dubrovskii. Ryb. khoz. 43 no. 12 36-39 '67.

Experience with the Okhotsk expedition. N. F. Butanov. Ryb. khoz. 43 no. 12 20-31 '67.

From letters to the editors. A. N. Shvydiuk. Ryb. khoz. 43 no. 12 75 '67.

Future use of gas turbine systems on fishing vessels for simultaneous production of electric power and heat. V. V. Solin, Ryb. khoz. 43 no. 12 45-47 '67.

Hydraulic drive on fishing vessels. G. D. Alekseev. Ryb. khoz. 43 no. 12: 22-28 '67.

Id the whaling industry. A. Svetlov. Grazhd. av. 23 no. 10 15 O '66.

Increase in output and quality of fish meal on floating banch. D. Shed'ko, E. Vasil'ev. Ryb. khoz. 43 no. 12: 67-69 '67.

Memorable banners forever to keep as a symbol of labor glory. Ryb. khoz. 43 no. 12: 2-5 '67.

Use of plastics in repairing fish pumps. V. F. Reshit'ko. Ryb. khoz. 43 no. 12: 43-44 '67.

Ways of eliminating cracking of piston bottoms in trawler engines. G. I. Soidind. Ryb. khoz. 43 no. 12: 51-53 '67.

Welding 1 kWhV foamed plastic plates by friction under pressure. G. D. Suchko. Ryb. khoz. 43 no. 12: 54 '67.

639, 3(471, 341)—Corkly Province

Feeding larvae of Baikal sturgeon and oligocichlets with microelements N. G. Tukhbatova Uch zap GGU no 75 83-87 '66

Food supply in the shallow water of Corkly Reservoir and possible ways of its increase R. A. Shkmatova Uch zap GGU no 75 149-152 '66

Use of microelements in rearing carp N. V. Kuznetsov Uch zap GGU no 75 67-82 '66

639, 3(479, 24)—Azerbaijan S. S. R.

Biological control of filamentous algae in ponds of sturgeon hatcheries M. K. Askarov Za tekhn prog 7 no 10 45-46 O '67

639, 3(571, 53)—Irkutsk Province

Future fisheries development in Irkutsk Province B. Genender, A. Egorov Ryb khoz 43 no. 12-13 '67.

64 DOMESTIC SCIENCE. HOUSEHOLD ECONOMY. HOUSEKEEPING HOME AND HOTEL MANAGEMENT. CATERING, ETC

Electric household appliances, V. T. Grebenichenko, Elektrotehnika 38 no. 11:52-54 N '67.

Nikol'skaya, E. A., and M. O. Nikol'skii. [Cultural and social aspects of family life] Kul'tura i byt sem'i [Moskva] Profizdat, 1967 79 p (Biblioteka sotsialnogo profslozhnogo aktivista, no 15(87))

Sarkisian, G. S., and N. P. Kuznetsova. [Family demands and income] Potrebnosti i dokhod sem'i Moskva, Ekonomika, 1967 174 p

64(575, 1)—Uzbek S. S. R.

Plus 408 for each E. Vilenchuk, Ekon. i zhizn' no. 7, 49-52 '67

641 FOOD, COOKERY, CUISINE

Kolesnik, A. A., and others. [Commercial study of food products] Tovarovedenie prodovol'stvennykh tovarov Izd. 2, dop i persi Moskva, Ekonomika, 1967, 447 p

641(575, 4)—Turkmen S. S. R.

Manganese and cobalt content in food products of the Turkmen S. S. R. N. N. Grigor'ants, Izv. AN Turk. SSR Ser. biol. nauk no. 4 45-48 '67.

642(575, 1)—Uzbek S. S. R.

Common problem should be solved jointly. M. Gafurov, Ekon. i zhizn' 9 no. 6:13 Je '67.

A new stage in the development of public food service, Ekon. i zhizn' 9 no. 6:12 Je '67

643(471)—Russian Soviet Federated Socialist Republic (R.S.F.S.R.)

Organization of specialized enterprises for the repair of household machines and appliances in the R. S. F. S. R. B. E. Fishman, Biol. tekhn. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 20 no. 11 56-58 N '67

646 CLOTHING, GENERAL APPEARANCE, CLEANLINESS

Methods for establishing the optimal heat preserving properties of dress allowing for the possible changes in meteorological factors T. N. Liopo, Dokl. inst. geog. Sib. i Dal', Vest. no 13 48-55 '66.

What is good taste? N. Okunova, Sov. profslozhu 23 no 22 23 N '67.

65 MANAGEMENT, ORGANIZATION OF INDUSTRY AND COMMERCE, BUSINESS, COMMUNICATION AND TRANSPORT

Automatic regulation of the size of head ends of ingots being cropped, L. P. Stychinskii and others, Metallurg 12 no. 6:29-30 Je '67.

Automation of individual pumps with low-voltage motors, I. A. Virakhovskii, Gor. zhur. 142 no. 5 50 My '67.

Automation of industrial processes in ferrous metallurgy, V. A. Gerasimenko, Metallurg 12 no. 6:1-2 Je '67.

Automation of the control of decarburization rate in converter baths, O. A. Ermolaev and others, Metallurg 12 no. 6:20-21 Je '67.

Automation of the manufacture of rolled products in the U. S. S. R., R. V. Liambakh, Metallurg 12 no. 6:24-27 Je '67.

Basic concepts and principles of operating the merchant marine as an economic system, K. N. Denisov, L. M. Gas'kov, Trudy TSNIIMF 12 no. 80:3-10 '67.

Characteristics of communication workers' labor productivity, V. N. Tikhomirova, Uch. zap. Kaf. obshchestv. nauk vuz. G. Len., Polit. ekon. no. 8:21-29 '67.

Determining the relative index of labor intensity, T. S. Podzorova, Uch. zap. kaf. obshchestv. nauk vuz. G. Len., Polit. ekon. no. 8 67-72 '67.

65(471, 310)—Moscow City

Moscow industry on the paths toward realizing the socialist principles of management, 1921-1925 S. Bibaeva, Trudy INKH no. 44.11-124 '67.

65 01 MANAGEMENT THEORY, METHOD, SYSTEM

Administration and scientific technological progress, I. U. A. Tikhomirov Izv. vys. ucheb. zav., prav. no 5 14-73 S-O '67

Analysis of the utilization of the unused potential of metal-cutting equipment M. U. Sirilis, A. A. Rumiantsev, A. D. Skalon, Trudy LIEI no 64 102-109 '67

Applicability of the theory of complex systems in investigating the efficiency of the automatic control system SAU in steamship fleet operations, V. K. Kulagin, Trudy TSNIIMF 12 no. 80:51-62 '67.

Bratsk Lumbering Combine is a highly automated enterprise, G. I. Shul'kin, Bum. prom. no. 12 16-19 D '67.

Certain problems in the automation of coal mining machine units and aggregates, M. S. Rabinovich and others Ugol' 42 no. 9 37-42 S '67

Cutter-loader mining of steep coal seams at the No. 1/2 "Krasnyi Oktabr'" Mine, A. A. Trofimov, Ugol' Ukr. 11 no. 11 41-43 N '67.

Development of the automation of pipelines, V. B. Pevzner and others, Transp. i khran. nefli i nefteprod. no. 11, 18-21 '67.

Drying of minefields and mining of manganese ore, B. M. Bykov, L. S. Grebenichenko, A. S. Sidorov Gor. zhur. 142 no. 5 29-31 My '67.

Economic advantages of sublevel caving with rock breaking through boreholes drilled in ore roofs B. G. Tregubov, Gor. zhur. 142 no. 5:10-12 My '67.

Economic and mathematical model of production (on the example of iron founding), G. E. Edel'gauz and others Trudy LIEI no. 64 144-175 '67

Economic reform in action A. Aksenenko, Z. Lapshina Mias. ind. SSSR 38 no. 12:16-20 D '67.

Effect of characteristics of control systems on the efficiency of the main geared turbine during ship movements on rough seas, S. B. Aksel'tad, V. B. Lipis, Trudy TSNIIMF 12 no. 80 107-113 '67.

The entire mine output from a single longwall, N. M. Dmitrienko, Ugol' Ukr. 11 no. 11:33-36 N '67.

Estimating the percentage of rejects skipped in multifactor tests, T. Abdurakhmanov, Uch. zap. Ferg. gos. ped. inst. Ser. mat. no. 1:100-103 '65

Expanding the automation of processes of ferrous metallurgy P. M. Maslovskii Izv. vys. ucheb. zav., Chern. met. 10 no. 10 171-177 '67

Experience in the complex mechanization of stoping in Karaganda Basin, I. L. Khudin V. A. Brenner Ugol' 42 no. 9 42-44 S '67.

First results of coal mine operation under new conditions, V. V. Sereda, Ugol' Ukr. 11 no. 11:39-39 N '67.

5,016 tons of coal in 24 hours is the result of the reorganization of the No. 1 "Tsentral'naya" Coal Mine, V. M. Pakin, S. A. Gladkii, Ugol' Ukr. 11 no. 11:36-38 N '67.

Foreign economic relations in the field of the chemical and petroleum machinery industry G. O. Terzian, Khim. i nef. mashinostr. no. 11 7-9 N '67.

[Improving the management of the national economy; materials of an academic conference devoted to the 50th anniversary of the Great October Socialist Revolution] Sovetskoye upravleniye narodnym khoziaistvom, materialy nauchnoy konferentsii posvyashchennoy 50-letiyu Velikoi Oktabr'skoi sotsialisticheskoi revolyutsii. Vilnius, Gazetno-zhurnal'noe izd-vo, 1967 137 p.

Increasing the labor productivity at the "Odesskaya" No. 2 Hydraulic Mine, V. S. Boldinov, P. F. Lagutin, Ugol' Ukr. 11 no. 11:43-44 N '67.

Information provision of the system of automatic control of the transportation process, A. N. Kiselev, Trudy TSNIIMF 12 no. 80:78-83 '67.

Leninist principles of industrial management and the economic reform, V. P. Fedotov Vest. LGU 22 no 17 47-57 S '67.

Lektov, V. P., and G. L. Bulgakov. [Centralized planned management of the economy and the initiative of enterprises] TSentralizovannoe planovoe upravleniye ekonomiki i initsiativa predpriyatiy, Minsk, "Belarus", 1966 77 p

Lomov, B. F. [Man in the management systems] Chelovek v sistemakh upravleniya. Moskva, Znanie, 1967, 48 p (Novoe v zhizni, nauke, tekhnike IV Seriya; Tekhnika, 10)

Mechanization and automation of welding operations in manufacturing sectional large vessels, A. K. Dubitskii Svar. proizv. no. 6 38-41 Je '67.

Network planning of snow removal work, E. V. Mnev, Zhei. dor. transp. 49 no. 3:69-72 Mr '67.

Organizing the building of open-pit mines along with network schedule graphs, M. G. Novozhilov and others, Gor. zhur. 142 no. 5:13-17 My '67.

Petrov, A. S. [What is organization of management] Chto takoe organizatsiya upravleniya. Moskva, Znanie, 1967, 79 p. (Narodnyi universitet Tekhniko-ekonomicheskii fakul'tet, 8)

Preparing petroleum pipeline administrations for the changeover to the new system of planning and economic stimulation V. I. Titkov Transp. i khran. nefli i nefteprod. no. 11 38-43 '67.

Problems in connection with the improvement of production, labor, and administration in petroleum pipelines transportation, V. A. Khodorshilov, Transp. i khran. nefli i nefteprod. no. 11:44-49 '67.

Problems of automating programming for electronic computers using the base structure of algorithmic languages and the universal programming program Denisov, E. N. Fevzentsev, Trudy TSNIIMF 12 no. 80:31-48 '67.

Prospects for the development of service stations Sh. M. Rabei, Transp. i khran. nefli i nefteprod. no 11 30-35 '67.

Prospects for the development of tank farms, F. F. Bezhnev Transp. i khran. nefli i nefteprod. no 24-27 '67

Scientific organization of labor and auxiliary services V. Gorbato, V. Shipov Mias. ind. SSSR 38 no. 12 22 D '67

Scientific organization of labor and the preparation of youth for work A. A. Poltskov, A. M. Podavalov, Sikoia i proizv. 11 no. 10 48-54 O '67

Scientific technical conference on the problem "Bases for making highly productive completely open-pit mines" I. I. Russkii Ugol' 42 no. 9:72 S '67.

Selecting efficient flow sheets for the ventilation of mining areas in the Karaganda Basin coal mines A. M. Ustinov Nauch. trudy KNIUI no. 7 13-37 '63

Some problems of the overall automation of the hydro industry, A. M. Veitkin, Gidroliz. i tekhn. prom. 18 no. 7:1-2 '65.

Stability of the system of automatic regulation with dynamically asymmetric elements, L. G. Sebelev, I. Grigor'ev Trudy TSNIIMF 12 no. 80:84-88 '67.

Standard processing of data from a scanning vertical sounding of the ionosphere on an electronic computer A. I. Galkin, Geomag. i aer. 6 no. 5 914-919 S O '67

Use of linear programming methods and of computers for the optimization of loading vulcanization equipment, S. K. Davidovich, G. F. Kuznetsova Kanch. i ser. no 12 36-37 '67

Use of the method of spherical analysis in programming, the geomagnetic field calculations T. L. Vinnikova, M. M. TSivitsvadze, T. N. Cherevko Geomag. i aer. 6 no. 5 956 S-O '66

Using electronic computers in calculations of stressed and strained state of rolling mill rolls Report no. 2 V. P. Polukhin, V. N. Khloponin, M. V. Shovina, Izv. vys. ucheb. zav., Chern. met. 10 no. 10 100-105 '67

Using electronic computers in planning ship voyage calculations for calculations of optimum cargo composition, A. A. Bakae, L. M. Gas'kov, K. Z. Makhatov, Tr. TSNIIMF 12 no. 80:70-77 '67.

Using mathematical methods in solving problems of organizing fleet movements, L. M. Gas'kov and others, Trudy TSNIIMF 12 no. 80:26-33 '67.

65. 01(471)—Russian Soviet Federated Socialist Republic (R.S.F.S.R.)

Work achievements of leading petroleum workers of Glavnefteobab of the R. S. F. S. R., E. V. Aristov, A. G. Nechaev, Transp. i khran. nefli i nefteprod. no 11 42 '67.

65. 01(471, 232)—Leningrad City

Experimental Papermaking Machinery Plant named for "Vloraia Platioka", A. P. Tutunikh Khim. i nef. mashinostr. no. 11 47-18, 3 of cover N '67.

65. 01(471, 310)—Moscow City

Automation and mechanization at the First State Paper Plant I. E. Koltunov Mekh. i avtom. proizv. 21 no 11 31-35 '67

65. 01(474, 5)—Lithuanian S. S. R.

Experimental home, Sots. obshp. 12 no. 12:38-40 D '67

65. 01(575, 1)—Uzbek S. S. R.

Strides of the economic reform: Increase the capacity of the silk-reeling industry, A. Fattil' Ekon. i zhizn' 8 no. 12 12 D '66

651 OFFICE MANAGEMENT, PRACTICE AND EQUIPMENT

Bulgarian dictophones, D. Dinkov, Radio no. 12:53-55 D '67.

Improve the mechanization of economic calculations in enterprises, V. Liberman, V. Podolskii, Vest. stat. no 12 47-55 '67.

Kiperberg, M. A. [Business correspondence in enterprises] Delovaya korrespondentsia predpriyatiy Moskva, Ekonomika, 1967, 61 p (Biblioteka khoziaistvennogo rukovoditel'stva)

Machine accounting for shipped goods, K. Gorkovskaya, L. Gaf, Bukhg. uch. 26 no. 8 24-27 Ag '67, 250,000 archival objects, G. Kisevskaya, Grazhd. sv. 23 no. 10 31 O '66.

654 LONG DISTANCE, TELECOMMUNICATION SERVICES, SIGNALLING

History of the development of Soviet radio broadcasting during the first five-year plan, A. I. Vorob'ev, Uch. zap. kaf. ist. KPSS no. 6 113-141 '67.

Russia (U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva [Price list on the installation of equipment] TSennik na montazh oborudovaniia Moskva, Stroizdat.

No. 10. [Telecommunication equipment] Oborudovanie svyazi 1967, 361 p

654(474, 2)—Estonian S. S. R.

Phototelegraphy on a state farm H. Repp Tekh v sel'khoz 27 no. 11 70-71 '67

654(574)—Kazakh S. S. R.

Nuclear intercommunication. V. Gan'ka. Nar. khoz. Kazakh. 25 no. 12 84-85 D '67.

654 1 USE OF TELEGRAPH AND TELEPHONE, RADIO AND TELEVISION BROADCASTING AND RECEIVING

Modern light control devices S. M. Dmitrieva, I. N. Oskolkov, N. A. Tikhmeneva Tekh kino i telev 11 no. 11 39-45 N '67.

Studios need suspended remote-control television cameras I. B. Pospelov Tekh kino i telev 11 no. 11 68 N '67

654. 1(471. 232)—Leningrad City

Central apparatus room at the Leningrad Television Center V. T. Tikhin Tekh kino i telev 11 no. 11 71-73 N '67.

The radio station of the Palace of the Pioneers is on the air M. P. Ivanova Shkola i priozh 11 no. 10 22-23 O '67

654. 1(471. 331)—Kalining Province

Without help and support V. Zhuravlev Part. zhizn' no. 21 63 D '67

654 1(474. 5)—Lithuanian S. S. R.

The screen of the people's controllers. A. Paulaus. Sov. pech. no. 4 37-39 Ap '66

654. 1(477)—Ukrainian S. S. R.

The feeling of a united family. V. Rudenko. Part. zhizn' no. 24 71-73 D '67

654. 1(73)—United States of America

In the spirit of violence and cruelty. L. Borisoglebskii. Nar. obr. no. 8 107-108 Ag '67.

655 PRINTING, PUBLISHING BOOK TRADE

The amount of books published depends on the reader. V. Fal'lanov. Knizh. torg. 18 no. 12-21 D '67.

At the Committee for the Direction of the Soviet Press attached to the Council of Ministers of the U. S. S. R. Knizh. torg. 18 no. 12 40-41 D '67.

A book belongs to everybody. G. Shakhov. Knizh. torg. 18 no. 11 57-62 N '67.

Book publishing in the U. S. S. R. during 50 years. G. Martirosian. Knizh. torg. 18 no. 11 1-8 N '67.

[Book publishing in the U. S. S. R. during 50 years; statistical sketches] Pechat' SSSR za 50 let, statisticheskie ocherki Moskva, 1967. 197 p

This booklover is 112 years old. N. Zotov. Knizh. torg. 18 no. 11 78 N '67.

Books which received diplomas. Knizh. torg. 18 no. 11 80 N '67.

A center of propaganda and publicity. E. Kalina. Knizh. torg. 18 no. 11 69-70 N '67.

The Central Administration of the Printing and Publishing Industry and Book Trade Enterprises and the book trade. I. Roikhet. Knizh. torg. 18 no. 8 46-47 Ag '67

A contemporary of the October Revolution. A. Sidorov. V mire knig 7 no. 9 2-4 '67.

The council of erudites. V. Polotskaya. Knizh. torg. 18 no. 11 79-81 N '67.

Dedicated to the anniversary. A. Makhov. Knizh. torg. 18 no. 11 9-15 N '67.

Development of the economic and technical information of the book trade. E. Shakhov, I. Roikhet. Knizh. torg. 18 no. 11 32-37 N '67.

Economic problems are most important. A. Marlin. Knizh. torg. 18 no. 11 91-92 N '67.

"Ekonomika." Knizh. torg. 18 no. 12 42 D '67.

Exhibition in honor of the anniversary. N. V. Uspenskaya. Priroda no. 11 124-125 N '67

Finances of the book trade. A. Kuznetsov. Knizh. torg. 18 no. 12 38-39 D '67.

A flagship of a sea of books. G. Rikhsiev. Knizh. torg. 18 no. 11 65-68 N '67.

Great strength of the ideas of the October Revolution. A. Nikol'skii. Knizh. torg. 18 no. 8 4-9 Ag '67.

How to decorate show windows. M. Zyrianov. Knizh. torg. 18 no. 12 30-31 D '67.

Important aspects of the work of the book distributing libraries. R. Kurtonina, E. Smirnova, T. Matrukova. Knizh. torg. 18 no. 12 22-23 D '67.

The information center. V. Giashev. Knizh. torg. 18 no. 12 33 D '67.

Karalygin, A. M., and others. [Technology of printing machine manufacture] Tekhnologiya poligraficheskogo mashinostroyeniia. Moskva Kniga, 1967. 547 p.

Leaders of communist labor. M. Pashkov. Knizh. torg. 18 no. 11 71-73 N '67.

Leading bookstores of the five-year plan. Knizh. torg. 18 no. 12 6 D '67

Legal consultation I. Panova. Knizh. torg. 18 no. 8 14 Ag '67.

Legal consultation. Knizh. torg. 18 no. 12 43 D '67.

The light of the collective farm village. D. Gudkov. Knizh. torg. 18 no. 11 28-31 N '67.

The memorial banner calls for forward action. Knizh. torg. 18 no. 12 1-2 D '67.

Memorial banners in honor of the 50th anniversary of the Great October Revolution Knizh. torg. 18 no. 8 21 Ag '67.

The most popular publications. Knizh. torg. 18 no. 11 48-51 N '67.

On the level with new tasks. N. Siradzhev. Knizh. torg. 18 no. 12 35 D '67.

On the light road. L. Dubov. Knizh. torg. 18 no. 12 25 D '67.

The open book. I. Rolin. Knizh. torg. 18 no. 11 23-27 N '67.

Pioneers in book publishing. E. Tsiopol'zon. V mire knig 7 no. 9 42-43 '67

The Political Publishing House in 1968. F. Vainberg. Knizh. torg. 18 no. 12 9-11 D '67.

The Political Publishing House in 1968. S. M. Maiorov Vop. ist. KPSS 12 no. 1 153-157 Ja '68.

Prices of book production (conclusion). A. Kurnetsov, M. Martynova Knizh. torg. 18 no. 8 42-44 Ag '67

The problem of the differentiation of commercial discounts. S. Chueva. Knizh. torg. 18 no. 12 19-20 D '67.

Relay race of the generation. V. Osokin. Knizh. torg. 18 no. 11 52-56 N '67.

Revival of heroic events. Knizh. torg. 18 no. 11 83-84 N '67.

Rural toilers need books on sociopolitical subjects. V. Stepanov Knizh. torg. 18 no. 8 31-33 Ag '67

Science and books. A. L. Anshin. Priroda no. 11 126-127 N '67.

The show window and the store. Pirosha Galtgocv1. Knizh. torg. 18 no. 12 16 D '67.

Soviet bookplates I. Minaev V mire knig 7 no. 9 18 '67

[Technology and equipment of the woodpulp, paper, and printing industry] Ref. zhur. : Tekh. i obrab. tsel. - bum. i poligr. priozh. no. 11 N '67.

To the participants in the International Bookfair of 1967 in Moscow Knizh. torg. 18 no. 8 1 Ag '67

Veterans have the word. V. Vlasovskaya. Knizh. torg. 18 no. 11 74-75 N '67.

With diplomas of the anniversary year. I. Kamkina. Knizh. torg. 18 no. 11 76-77 N '67.

The work with textbooks G. Chizhkova. Knizh. torg. 18 no. 8 28-30 Ag '67

655(431)—German Democratic Republic

Popularization of Soviet books in the German Democratic Republic. R. Schmalz. Knizh. torg. 18 no. 12 18 D '67.

655(436)—Poland

Our pride and happiness. Kazimierz Majerowicz, Tadeusz Gussak. Knizh. torg. 18 no. 11 84-85 N '67.

655(430)—Hungary

Book publishing in Hungary. P. Kornis. Knizh. torg. 18 no. 12 12 D '67.

In rural areas of Hungary. Sandor Varga. Knizh. torg. 18 no. 12 15 D '67.

On the blue screen. Laszlo Farkas. Knizh. torg. 18 no. 12 17 D '67.

The Soviet book in Hungary. Karoly Chala. Knizh. torg. 18 no. 11 86-87 N '67.

655(471. 310)—Moscow City

Moscow is a city of readers. S. Polivanovskii. Knizh. torg. 18 no. 11 63-64 N '67.

655(471. 318)—Kaluga Province

The pride of the rural areas. A. Shcheglov. Knizh. torg. 18 no. 8 35-37 Ag '67.

655(471. 324)—Voronezh Province

Voronezh is honoring winners. Knizh. torg. 18 no. 12 3-4 D '67.

655(471. 41)—Tatar A. S. S. R.

Concern for the readers. R. Shaikulina. Knizh. torg. 18 no. 8 33-35 Ag '67

655(471. 46)—Astrakhan Province

In bookstores of political books. T. Fedorenko. Knizh. torg. 18 no. 8 22-23 Ag '67.

655(474. 2)—Estonian S. S. R.

A festival of the Estonian book salesmen. Knizh. torg. 18 no. 12 5 D '67.

655(474. 3)—Latvian S. S. R.

Stores operating on a business accounting basis. V. Ritova Knizh. torg. 18 no. 8 20-21 Ag '67.

655(477)—Ukrainian S. S. R.

In a great and friendly family. N. Savin. Knizh. torg. 18 no. 11 39-43 N '67.

Indebted to the reader. A. Lysluk. Knizh. torg. 18 no. 12 28-29 D '67.

Militant program of the workers of cooperatives. A. Reprintsev. Knizh. torg. 18 no. 12 7-8 D '67.

655(478)—Moldavian S. S. R.

Books born of the October Revolution E. Zhmerenets-kala Knizh. torg. 18 no. 8 2-3 Ag '67

5000 friends A. Barkan' Knizh. torg. 18 no. 8 15-16 Ag '67

The importance of skilled popularization of books S. Shchelkunov. Knizh. torg. 18 no. 8 9-11 Ag '67.

New stores G. Gal'perin. Knizh. torg. 18 no. 8 17-10 Ag '67

Our books grew like our gardens Knizh. torg. 18 no. 8 12 Ag '67

Unsurpassed achievements. I. Ivanenko. Knizh. torg. 18 no. 8 13-14 Ag '67

655(497. 2)—Bulgaria

In the name of strong friendship. K. Fiksov. Knizh. torg. 18 no. 11 44-47 N '67.

Our bright holiday A. Stancev. Knizh. torg. 18 no. 8 19 Ag '67

655(519. 3)—Mongolian People's Republic

Progress of the Mongolian book salesmen. TS. Gombo-suren. Knizh. torg. 18 no. 11 88-89 N '67.

655(571. 13)—Omsk Province

Omsk is a city of books. V. Utkov. Knizh. torg. 18 no. 12 26-27 D '67.

655(571. 62)—Khabarovsk Territory

There is a family of booklovers A. Demidova Knizh. torg. 18 no. 8 37-38 Ag '67.

655(575. 2)—Kirghiz S. S. R.

The people of Frunze are friends of books. S. Lobanov. Knizh. torg. 18 no. 12 32 D '67.

656 TRANSPORT AND POSTAL SERVICES

[Container shipments and the interaction of various types of transportation] Ref. zhur. : Vzaimeotn. raz. vid. transp. i kont. peiev nos. 10-11 N '67

[Industrial transportation] Ref. zhur. : Prom. transp. nos. 10-11 N '67.

On efficient and inefficient deliveries. IU Tikhonchuk. Mat. - tekhn. snabzhen 2 no. 9 81-82 S '67.

[Traffic regulations for cities, populated places, and highways of the U. S. S. R.] Pravila dvizheniia po ulitsam gorodov, naselennykh punktov i dorogam SSSR. Minsk, 1967. 04 p.

656(575. 1)—Uzbek S. S. R.

Grouping of expenditures for the operation of automotive transport. Sh. Muxsalimov. Bukh. uch. 26 no. 8 49-53 Ag '67.

Holder of the gold star. B. Aver'lanov. Ekon. i zhizn' 9 no. 6 25-27 Je '67.

656. 08 TRAFFIC ACCIDENTS

Prevention of traffic accidents. F. Ermakov. Sov. iust. no. 23 19 D '67

Testimony of the expert witnesses of traffic accidents. L. Ivanov. Sov. iust. no. 1 21-23 Ja '68.

656. 1 ROAD TRANSPORT, HAULAGE

[Automotive and city transportation] Ref. zhur. : Avt. i gor. transp. no. 11 N '67.

656. 2 RAILWAY TRANSPORT

Analysis of the operation of contact elements of automatic control systems on railroads. A. S. Kapusta. Trudy KHM' no. 87 72-83 '66.

Brief news on railroads. Zhe1. dor. transp. 49 no. 3 83 Mr '67.

Calculation and analysis of normally closed track circuits of hump yards. N. F. Kotliashenko, V. V. Sudakov Trudy KHM' no. 87 1-13 '68.

Champion of safety in train movements. Put' i put. khoz. 11 no. 8 38-39 '67.

Concerning the efficiency of the introduction of loading and unloading devices. F. A. Padiia, V. F. Mudrov. Zhe1. dor. transp. 49 no. 3 48-51 Mr '67.

Courage, creative work, maturity. V. A. Shchekhin. Put' i put. khoz. 11 no. 7 23-24 '67.

- Creative initiative of dispatchers. K. V. Furankova. Zhel. dor. i transp. 49 no. 1 13-16 Mr '67
- Designing of switch interlocking and signaling systems using digital computers. N. A. Bulkin. Trudy KNIIT no. 87 60-71 '66
- Determination of optimal parameters of normally open track circuits of hump yards. V. A. Teshchinskii. Trudy KNIIT no. 87 14-23 '66
- Expanding the freight handling mechanized equipment and facilities. D. F. Trushin, I. V. Avvakumov. Zhel. dor. i transp. 49 no. 3 17-36 Mr '67
- Experience in establishing technical operating standards. V. L. Linkovskii. Zhel. dor. i transp. 49 no. 3 13-17 Mr '67
- Fedorov, V. A. [Operational requirements concerning equipment and track development of passenger train outfilling and overhaul stations] Eksploataatsionnye trebovaniia k tekhnicheskomu osnashcheniu i putevomu razvitiu passazhirskikh tekhnicheskikh stantsii. Moskva, Transport, 1967. 151 p. (Moscow, Vsesoyuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 341)
- Further improvements in labor pay and organization. Zhel. dor. i transp. 49 no. 1 81-82 Mr '67
- Inventory straps. V. S. Kondratuk. Put' i put. khoz. 11 no. 7:42 '67
- Labor conditions for switchmen have improved. I. V. Permjakov. Zhel. dor. i transp. 49 no. 3 42-44 Mr '67
- Letters to the editor. Put' i put. khoz. 11 no. 7:39-40 '67
- Making up tough trains in amalgamated transportation organizations. V. T. Osipov. Zhel. dor. i transp. 49 no. 3 73-76 Mr '67
- More attention should be paid to workers' labor safety. V. S. Tereshin. Put' i put. khoz. 11 no. 7:1-2 '67
- New method for measuring the primary parameters of d.c. track circuits. I. V. Sobolev. Trudy KNIIT no. 87 36-40 '66
- The new system is effective. V. F. Titovch, M. A. Lukina. Zhel. dor. i transp. 49 no. 3 15-20 Mr '67
- Organization of railroad transportation of lumber. G. Katoev. Mat.-tekhn. snabzhenie 2 no. 9 26-29 S '67
- Overall development of transportation in an industrial region. P. V. Ponomarev. Zhel. dor. i transp. 49 no. 3 76-77 Mr '67
- Short hauls and tariff correlation. V. V. Kaitshch. Zhel. dor. i transp. 49 no. 3 24-28 Mr '67
- Some deductions derived from economic experience. V. N. Popov and others. Zhel. dor. i transp. 49 no. 3 21-23 Mr '67
- Specifications for devices controlling the operation of a hump yard. G. A. Krasovskii, A. N. Petrov. Zhel. dor. i transp. 49 no. 3 51-54 Mr '67
- Trubachev, T. E. [Specialization and cooperation in enterprises of railway transport] Spetsializatsiia i kooperirovanie predpriatii zheleznodorozhnogo transporta. Moskva, Transport, 1966 128 p
- U. S. S. R. railroad transportation in 1966, technical and economic review. Zhel. dor. i transp. 49 no. 3 29-32 Mr '67
- Work under new planning conditions. I. A. Antipov. Put' i put. khoz. 11 no. 7 4-6 '67
- 656.2(471.311)—Moscow Province**
- [Time-table for suburban trains for the summer of 1967. Moscow - Zavidovo - Kalinin - Moscow - Konakovo State Regional Electric Power Plant - Moscow - Klin - Vysokovskaya] Raspisanie prigoiznykh poezdov na leto 1967 g. Moskva - Zavidovo - Kalinin Moskva - Konakovo GRES Moskva - Klin Klin - Vysokovskaya Leningrad, Transport [1967] 48 p
- 656.2(471.5)—Ural regions**
- Economic significance of the Ivdel'-Ob' Railroad. L. V. Kondrat'eva. Uch. zap. Sver. gos. ped. inst. no. 34 97-103 '68
- 656.2(477)—Ukrainian S. S. R.**
- The development of railroads in the Donets Basin during the Soviet regime. V. I. Anheleiko. Ukr. ist. zhur. 11 no. 7 58-64 Ji '67
- 656.2(574)—Kazakh S. S. R.**
- Concentration of freight handling. A. Asilbekov. Nar. khoz. Kazakh. 25 no. 12 41-43 D '67
- Trunk line to the petroleum deposits of Mangyshlak. Zhel. dor. i transp. 49 no. 3 78-79 Mr '67
- 656.5 PIPELINES**
- [Pipeline transportation] Ref. zhur. Trub. transp. no. 11 N '67
- 656.6 MARINE, WATER TRANSPORT**
- Antirad shield for the mooring lines of seagoing vessels. V. A. Vukovich. Zhur. mikrobiol., epid. i immun. 44 no. 9 136-139 S '67
- Applicability of the theory of complex systems in investigating the efficiency of the automatic control system SAU in steamship fleet operations. V. K. Kulagin. Trudy TSNIIMF 12 no. 80 54-62 '67
- Economic analysis as basis of business operations. I. Chupchukin. Mor. flot 27 no. 11 15-16 N '67
- Improving relations between shipping companies and freight agents. G. Rytkus. Mor. flot 27 no. 11 13-14 N '67
- Information provision of the system of automatic control of the transportation process. V. N. Kiselev. Trudy TSNIIMF 12 no. 80 78-83 '67
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- Principle stages in merchant marine policies of the Soviet government. S. Koliakin. Mor. flot 27 no. 11 2-3 N '67
- Ship operations on rapid Soviet-Belgian and Soviet-Dutch lines by coordinated schedules. I. Chervatin, I. F. Frishman. Mor. flot 27 no. 11 10-11 N '67
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- Technical and economic information. I. I. Irmest'ev and others. Mor. flot 27 no. 11 31-37 N '67
- Testing automatic control blocks on ship conditioners. L. A. Shul'gin. Mor. flot 27 no. 11 28-29 N '67
- Using electronic computers in planning ship voyage operations for calculations of optimum cargo composition. A. A. Bakaeiev, L. M. Gas'lov, K. Z. Makimutov. Trudy TSNIIMF 12 no. 80 70-77 '67
- Using mathematical methods in solving problems of organizing fleet movements. L. M. Gas'kov and others. Trudy TSNIIMF 12 no. 80 26-33 '67
- 656.7 AIR TRANSPORT**
- Coded memory. A. Kuznetsov. Grazhd. av. 23 no. 10:23 O '66
- The five-year plan of Aeroflot. G. Shchetnikov. Grazhd. av. 23 no. 10 4-5 O '66
- The heroes among us. Grazhd. av. 23 no. 10:2-3 O '66
- Rewards of the homeland. Grazhd. av. 23 no. 10:1 O '66
- 250,000 archival objects. G. Kisovskaya. Grazhd. av. 23 no. 10:31 O '66
- Ways of increasing passenger transportation. V. Sobolin. Grazhd. av. 23 no. 10:21 O '66
- 656.7(497.2)—Bulgaria**
- Tabso. Petr. Moev. Grazhd. av. 23 no. 10:29 O '66
- 656.7(575.1)—Uzbek S. S. R.**
- The paths lead into the sands. B. Matlumin. Grazhd. av. 23 no. 10 18-19 O '66
- 657 ACCOUNTANCY, BOOKKEEPING**
- [Accounting for capital assets and low-priced articles; materials of a conference] Uchet osnovnykh sredstv i materialnykh predmetov; materialny konfrentsil. Moskva, 1967 132 p
- Accounting for materials and wages in construction. V. Temnyshch. Bukh. uch. 26 no. 8 17-19 Ag '67
- Analysis of the final balance of a collective farm. E. Tseilevskaya. Vest. stat. no. 12 30-10 '67
- Centralized intradepartmental control. M. I. Gidman. Bukh. uch. 26 no. 8 31-33 Ag '67
- Centralized planning and business accounting. G. Kiperman. Plan. khoz. 44 no. 12 69-81 D '67
- Comprehensive schedule in industrial construction projects. N. Ivanenko. Ekon. stroi. 9 no. 9 53-54 S '67
- Conference in the Practical Training Center of the Central Statistical Administration of the U. S. S. R. Bukh. uch. 26 no. 8 79-80 Ag '67
- Documentation analysis of intrashop operational accounting for production. R. D. Gamber. Trudy LIEI no. 64 37-49 '67
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- Increase control over the write-offs of capital expenditures. N. Kuchanskii. Bukh. uch. 26 no. 8 18-24 Ag '67
- Increase intradepartmental control. G. Estrin. Bukh. uch. 26 no. 8 35-37 Ag '67
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- On the expediency of a complex mechanization of accounting based on actual norms set up by the technological, industrial and financial plan. G. E. Edel'gauz, V. N. Rybin. Trudy LIEI no. 64 139-143 '67
- Overall mechanization of accounting at the Rostov Agricultural Machinery Plant. M. M. Tur'kov. Buil. tekhn. 26 no. 11 29-30 N '67
- Plus 408 for each. E. Vilenchuk. Ekon. i zhizn' no. 49-52 '67
- Practice in preparing an annual optimal plan for 1968. M. Aga, L. Kaplan. Ekon. i zhizn' no. 1 50-54 '67
- Practical training of future accountants. I. I. Taisov. Stud. spets. obr. 13 no. 11 27 N '66
- Training of accounting specialists in institutions of higher learning. G. Patsai. Bukh. uch. 26 no. 8 3-8 Ag '67
- Tribune of accounting practice. N. Veitman. Bukh. uch. 26 no. 8 38-44 Ag '67
- Unification of documents is a pressing task. V. Kol. Bukh. uch. 26 no. 8 11-14 Ag '67
- Vorob'ev, G. G. [The punched card method of documentary accounting in the national economy] Per-fokai nyl metod dokumentalnogo ucheta v narodno-khoziaistve. Moskva, Ekonomika, 1967 134 p
- 657(438)—Poland**
- Standard method of accounting for production costs in the felt industry of the People's Republic of Poland. L. Val'kovskii, A. Iaruga. Bukh. uch. 26 no. 8 3 '67
- 657(471.5)—Ural regions**
- Accounting for auxiliary production costs. A. Smakov. Bukh. uch. 26 no. 8 15-18 Ag '67
- 657(477)—Ukrainian S. S. R.**
- Improve the accountants' qualifications. V. Fedotina. Bukh. uch. 26 no. 8 15-17 Ag '67
- 657(571.63)—Maritime Territory**
- Improve departmental control to correspond to the tasks. A. Logunov. Bukh. uch. 26 no. 8 33-35 Ag '67
- 657(575)—Central Asia**
- Savings banks should operate on a real business accounting basis. V. Pashchichnik. Ekon. i zhizn' no. 12 23-26 D '66
- 657(575.1)—Uzbek S. S. R.**
- Give attention to standard accounting. V. Zhuravlev. Ekon. i zhizn' no. 7 68-72 '67
- Important economic level. Sh. Iuldashev, M. Balmas, A. Mal'tsev. Ekon. i zhizn' no. 8 no. 10 11-16 D '66
- 657(73)—United States of America**
- Kuklina, I. N. [Depreciation of fixed capital in the industry of the U. S. A.] Amortizatsiia osnovnogo kapitala v promyshlennosti SShA. Moskva, Nauka, 1967 164 p
- 658 BUSINESS, WORKS AND SHOP MANAGEMENT AND TECHNIQUES**
- Accomplishments and prospects. D. Portugalov. Ek. i zhizn' no. 12 8-13 D '67
- Adapting coal enterprises to new economic conditions. V. V. Levitskii. Ugol' 42 no. 2 38-43 Ag '67
- All construction projects of the trust are using assembly line methods. N. Siota. Ekon. stroi. 9 no. 9 54-55 '67
- Bonuses depending on one's labor. S. Sergeenko, A. Murgalev. Sots. trud 12 no. 12 41-45 D '67
- Business accounting of industrial combines. A. Pet'kov. Ekon. no. 12 27-38 D '67
- Changeover to the new system of planning and economic stimulation from the individual oil field administration in industrial combines. V. B. Nazarov and others. Neft. khoz. 45 no. 12 1-4 D '67
- Changing prospecting organizations over to the new system of planning. I. M. Alekhin, V. A. Shein. Neft. khoz. 45 no. 12 4-5 D '67
- Comparative estimate of various diagrams for the distribution of degasification boreholes from the standpoint of their use in preliminary wetting of coal. I. I. Ryabin. Nauch. trudy KNIUI no. 7 292-295 '63
- Construction workers on a five-day workweek schedule. V. Kochiklan. Sots. trud 12 no. 10 90-95 O '67
- The customer says "thank you." V. Islamov. So. i ukr. 41 no. 12 40 D '67
- Cybernetics and the organization of production. V. Gusev. Ekon. stroi. 9 no. 9 57-58 S '67
- Determining efficient flow sheets and parameters in hydraulic conveying systems for mines with cutter-loader mining of coal. M. P. Vasil'ev, V. G. Popel'skii. Nauch. trudy KNIUI no. 17 153-159 '65
- Economic methods of guidance and providing material incentives. V. Firsov. Sots. trud 12 no. 10 33-38 O '67
- Economic reform and the education of workers. M. Bukhatkov. Prof.-tekhn. obr. 24 no. 5 29 My '67
- Economic reforms in the construction industry of the European countries participating in the Comecon. V. Kozlov, M. Perel'man. Vop. ekon. no. 12 108-116 D '67
- Economy and organization of work in various diagrams for water injection into coal seams. L. I. Ryzhikh. Nauch. trudy KNIUI no. 7 284-291 '63
- Efficient technological flow sheets for ship hoists. O. I. Mosin. Nauch. trudy KNIUI no. 17 170-175 '65

- 658 (Continued)
- Everything is subordinated to the solution of the main problem. N. Titunov, S. Aralim. Ekon. stroi. 9 no. 9:12-35 S '67
- For the benefit of business. A. Kondratenko, V. Kochetov. Sov. profsoyuz 23 no. 22:5 N '67
- For the benefit of the entire society. A. Borisov. Vsem. prof. d. 131 no. 7:21-24 O '67
- For workers of enterprises on practice in changing over to the new system of planning and economic incentives. Sots. trud 12 no. 12:46-50 D '67
- Formation of the material incentive fund. F. Veselkov. Vop. ekon. no. 12:3-15 D '67
- From the enterprise to various branches: at the all-Union conference on the scientific organization of work. Ugol' 42 no. 9:61-65 S '67
- Gul'tsov, A. D. [Establishing norms and the principles of scientific labor organization in machinery manufacture] Normirovaniye i osnovy nauchnoy organizatsii truda v mashinostroyeniye. Moskva, Mashinostroyeniye, 1967 400 p
- Give an unerring consideration to the expansion of Kuznetsk Basin. Ugol' 42 no. 8:73-74 Ag '67
- Hidden potentialities of socialist industry in the service of the Soviet people. M. Solomentsev. Kommunist 44 no. 18:15-32 D '67
- How to organize the elaboration and economic justification of the organizational and technical plan at the Ural copper works. A. Kh. Benini, K. V. Gavrilova, A. P. Bychkov. Sbor. Ural. politkhoz. inst. no. 155:147-152 '67
- Improving the equipment for the storage of pulverized materials in the Donets Basin collieries. M. S. Litskii. Ugol' Ukr. 11 no. 7:25-26 JI '67
- Intraplant accounting under new conditions of planning and economic incentives. Sh. S. Saltov. Biol. tekhn. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 20 no. 11:25-26 N '67
- Legal forms of planning the management of industrial enterprises. N. Klein. Sov. yura. no. 23:5-6 D '67
- Let us discuss the problem of improving flow diagrams of oil-producing areas. V. A. Blagin and others. Neft. khoz. 15 no. 9:27-32 S '67
- Mechanization of operations of high-capacity blast furnaces. G. V. Tonkonog and others. Metallurg 12 no. 6:8-11 Je '67
- Mechanization on sheet mills. V. I. Rospasenko. Metallurg 12 no. 6:27-29 Je '67
- [Method of teaching the course "Organization and planning" the operations of industrial enterprises] Metodika prepodavaniya kursa "Organizatsiya i planirovaniye deyatelnosti promyshlennykh predpriyatiy. Pod red. S. E. Kamenitskaya. Moskva, 1967. 113 p
- Methods of organizing planning and economic incentives in procurement office. I. U. Denisov and others. Mat.-tekhn. snabzhen. 2 no. 9:86-87 S '67
- The ministry recommends. A. Polianskii. Sots. trud 12 no. 6:1-70 O '67
- New legislative enactments. Sots. zakon. no. 6:66-67 Je '67
- The new record of 3,115,5m in 31 days set by PKG-3 cutter-loader. B. V. Kovalchuk and others. Ugol' 42 no. 8:15-10 Ag '67
- On paper and in life. L. Pavlova. Sov. profsoyuz 23 no. 22:16-17 N '67
- On the basis of principles. V. Chebykin. Sov. profsoyuz 23 no. 22:18 N '67
- Organization of work in research institutes and design offices. Sots. trud 12 no. 12:110-118 D '67
- Organizing a highly efficient performance of K-52Sh cutter-loaders. D. I. Obukhov, G. A. Lazarev, Kh. G. Khal'fin. Ugol' 42 no. 8:19-20 Ag '67
- Organizing operations connected with preliminary wetting of coal in longwalls. V. N. Shukunov, L. I. Byzhikh, A. P. Pochnev. Nauch. study KNIUI no. 7:280-284 '63
- The party organization in industrial enterprises and the economic reform. E. A. Chugodnev, A. E. Krutshalev. Vop. lat. KPSS 12 no. 1:98-97 Ja '68
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- Rated capacity of the "Lutuginskaya-Severnaya" Coal Mine materialized ahead of schedule. A. Machukov, G. Peretiatko, B. R. Rysin. Ugol' 42 no. 8:22-25 Ag '67
- Recommendations on aesthetics for industrial plants and industrial districts. I. U. Lapin, A. Ustinov, B. Shchegolev. Tekhn. i no. 11:8-13 N '67
- Remizov, K. S. [Economics of labor in an industrial enterprise] Ekonomika truda na promyshlennom predpriyatii. [Moskva] Mosk. rabochii, 1967 198 p
- Remuneration on the basis of annual results experience, conclusions, suggestions. G. Mel'nikov. Sots. trud 12 no. 12:20-27 D '67
- Reasons of increased labor productivity in the enterprises of the clothing industry. L. H. Didkiva, B. D. Hershells. Tekhn. i no. 7:30-32 My-Je '66
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- Semiautomatic assembly line. A. F. Krasnov and others. Metallurg 12 no. 6:31-32 Je '67
- Struggling for the good quality of merchandise. A. Panov, G. Gilev. Sots. zakon. no. 6:66-67 Je '67
- Summarize accumulated experience more efficiently. G. Stasenko. Sov. toig 41 no. 12:35-38 D '67
- Unified nomenclature for recording steel bands by classification groups (I'NUMS). G. P. Lomma, A. I. Gupp, I. I. Longina. Trud. i. prak. met. no. 8:251-255 '66
- Use material resources efficiently. A. Kuzakovskaya, M. Ekaterinoslavskii. Mat.-tekhn. snabzhen. 2 no. 9:40-53 S '67
- Ways of improving surface units of conveyor transportation. G. T. Kodyk and others. Nauch. study KNIUI no. 17:160-170 '65
- We are analyzing the causes of losses. V. Anisimov. Ekon. stroi. 10 no. 1:17-19 '68
- We are discussing the problem of improving flow diagrams of petroleum producing areas. V. I. Kotelnikov and others. Neft. khoz. 45 no. 12:27-31 D '67
- What is new in studying and disseminating progressive work procedures and methods. A. Alekandrov, B. Efimov. Sots. trud 12 no. 10:100-111 O '67
- 658(471 310)—Moscow City
- First work results under the new conditions. L. Andreev. Mat.-tekhn. snabzhen. 2 no. 9:12-11 S '67
- 658(471 314)—Vladimir Province
- In the highway of the economic reform. I. A. Karpov. Sov. profsoyuz 23 no. 22:10-11 N '67
- 658(471 41)—Tatar A. S. S. R.
- Business accounting in the procurement departments of petroleum production enterprises. S. Farfudimov, R. Rikhet'gov. Mat.-tekhn. snabzhen. 2 no. 9:57-59 S '67
- 658(471 5)—Ural regions
- Supplementary source of materials. V. Pliseev. Mat.-tekhn. snabzhen. 2 no. 9:53-56 S '67
- 658(474 5)—Lithuanian S. S. R.
- Procurement service and a uniform schedule. P. Balashov, D. Ignat'ev. Mat.-tekhn. snabzhen. 2 no. 9:22-28 S '67
- 658(477)—Ukrainian S. S. R.
- Business accounting of workshops and material incentives. V. Sazhin. Sots. trud 12 no. 10:53-55 O '67
- Give chief attention to business accounting. V. Shevchuk, M. Kats. Ekon. stroi. 10 no. 1:19-20 '68
- On paper and in life. L. Pavlova. Sov. profsoyuz 23 no. 22:16-17 N '67
- Practices of Odessa confectionery workers. N. Kostetskii, V. Kotlarenko. Sots. trud 12 no. 10:88-99 O '67
- [Problems of developing the national economy of the Ukrainian S. S. R.] Voprosy razvitiya narodnogo khoziaistva Ukrainskoi SSR. Kiev, Budivelnik, 1967 219 p
- Regular production flow and the sale of products. S. Leontevskii. Sots. trud 12 no. 10:59-60 O '67
- The scientific labor organization schedule. Z. Vikhman. Sots. trud 12 no. 10:120-121 O '67
- Work methods of procurement organs. G. Ruban. Mat.-tekhn. snabzhen. 2 no. 9:14-17 S '67
- 658(477 6)—Western Ukraine
- From scientific points of view. N. Sergeeva. Okhr. truda i sots. strakh. 10 no. 12:8-9 D '67
- 658(62)—Japan
- The "climate" of the stores in Japan. V. Shimanekii. Sov. toig. 41 no. 12:48-54 D '67
- 658(571 6)—Asianic R. S. F. S. R.
- The movement of efficiency promoters and inventors during the seven-year plan, based on materials of the industrial enterprises of Novosibirsk, Omsk, and Irkutsk Provinces. N. S. Belyi. Izv. SO AN SSSR Ser. obshchestv. nauk no. 6:130-134 My '67
- Organization of the work of the supply department. M. Kirilochkin. Mat.-tekhn. snabzhen. 2 no. 7:65-68 JI '67
- 658(571 17)—Kemerovo Province
- How to improve the procurement of an enterprise. E. Logon. Mat.-tekhn. snabzhen. 2 no. 9:18-21 S '67
- 658(575 1)—Uzbek S. S. R.
- In keeping abreast with the times. B. Tishavetskii. Ekon. i zhizn' no. 7:17-20 '67
- Material incentives should be based on objective norms. M. Tuisunkhodzhayev. Ekon. i zhizn' no. 7:31-33 '67
- 658(571 62)—Khabarovsk Territory
- Forms and methods of economic work. V. Parygina. Ekon. stroi. 10 no. 1:22-25 '68
- Mininikov, I. A., and B. A. Tsol. [Economics laboratory at work] Ekonomicheskaya laboratoriya za rabotoi [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1967 52 p (Uchisl' khoziaistva)
- 658(574)—Kazakh S. S. R.
- We are solving the current problems. L. Mironenko. Ekon. stroi. 10 no. 1:20-22 '68
- 658.1 FORMS OF BUSINESS ENTERPRISE FINANCES
- Introduction of a new technique at the expense of State Bank loans. Ch. Krivakia, K. Vizaras. Nias no. 55SR 18 no. 12:24-25 D '67
- Some problems of the new economical system. S. N. Giorodetskii. Bum. prom. no. 11:21-24 N '67
- Use of capital assets in the textile industry. F. F. Potapov. Lekh. prom. no. 3:33-36 My-Je '66
- Work under new planning conditions. I. A. Antipov. Puti i put. khoz. 11 no. 7:4-6 '67
- 658.2 ESTABLISHMENTS, WORKS, PLANTS AND EQUIPMENT
- [Accounting for capital assets and low-priced articles; materials of a conference] Uchet osnovnykh sredstv i malotsennykh predmetov, materialy konferentsii. Moskva, 1967. 132 p
- [Algorithms and programs for estimating limiting equipment, a methodological aid for technical and economic planning in a machine and manufacturing enterprise] Algoritmy i programmy raschetov limitiruyushchego obora dovaniya, metodicheskie posobie po tekhniko-ekonomicheskoy planirovaniyu na mashinostroyitel'nom predpriyatii. Novosibirsk, 1966 131 p
- Analyzing the establishment of norms for power consumption in petroleum production with submerged electric pumps. K. N. Kulizade, R. V. Babayev, I. S. A. Khafikina. Za tekhn. prog. 7 no. 10:9-12 O '67
- Centralized control on the cybernetic basis. M. A. Gol'din, V. N. Naprasnikov. Ugol' Ukr. 11 no. 6:7-9 Je '67
- Coke and coke chemicals technology today. A. S. Kvasha. Koks i khim. no. 11:18-21 '67
- Conference of workers of research laboratories, plants, and design bureaus. A. A. Padogn. Stan. i inst. 30 no. 11:15 N '67
- 658.2(471 61)—Rostov Province
- Overall mechanization of hoisting and conveying operations at the Zernograd Machinery Plant. P. G. Luchinkin. Biol. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 20 no. 11:15-48 N '67
- 658.2(477)—Ukrainian S. S. R.
- Terent'ev, V. A., and G. N. Domozhrov. [Experience in organizing the construction of metallurgical enterprises in the Ukraine] Opyt organizatsii stroitel'stva metallurgicheskikh predpriyatiy na Ukraine. Moskva, Stroiizdat, 1967. 81 p.
- 658.3 PERSONNEL. HUMAN RELATIONS
- According to deeds not questionnaires. M. Petrova. Part. zhizn' no. 24:62 D '67
- Building of the new society and scientific labor organization. E. Smilnov. Sots. trud 12 no. 11:94-106 N '67
- Change of working and living conditions of coal miners in the years of Soviet government. F. I. Kuzikov. Ugol' 42 no. 11:81-84 N '67
- Derbisher, A. V. [The industrial manager's work method] Sili raboty khoziaistvennogo rukovoditelia. Moskva, Ekonomika, 1967. 49 p. (Biblioteka khoziaistvennogo rukovoditelia)
- Garber, I. S. [Basic principles of the scientific organization of labor at work areas in coal mines, lecture delivered at advanced economics courses for the managerial staff of the coal industry] Osnovnye polozheniya nauchnoy organizatsii truda na rabochikh mestakh ugol'nykh shakht; lektsiya, prochieznanina na vysshikh ekonomicheskikh kursakh rukovodivshchikh rabotnikov ugol'noi promyshlennosti. Shakhty, 1966. 22 p.
- How to plan for scientific labor organization measures in an enterprise. Sots. trud 12 no. 12:51-66 D '67
- Improvement of the organization of labor in the rubber industry from 1917 to 1967. I. I. Zaitsev. Kauch i rez. 26 no. 11:61-63 '67

Some results of improving systems of operation and production planning at Leningrad machinery and instrument enterprises by using the experience of the Novocherkassk Electric Locomotive Plant. L. M. Lapkind, M. A. Pavlichenko, L. F. Smirnova, Trudy LITD no 54 3-15 '67

658.5(476)—White Russian S.S.R.

Production development at the Minsk Plant for Automatic Lines. A. V. Kudinov, Mekh avtom prirov 21 no 11 36-41 '67

658.5(477)—Ukrainian S.S.R.

Disseminate progressive work methods among all workers. V. Khodavko, Sots trud 12 no 11 139-140 N '67

The economic reform and the organization of production. Plan.khoz. 41 no 12 68-91 D '67.

Efforts of Ukrainian party organizations to draw workers into the management of industrial enterprises, 1959-1965. V. P. Shevchuk, Nauk, pratsi i ist. KPSS no. 8 175-188 '66.

Introducing progressive norms in production is the main objective. M. Ryznikov, Sots trud 12 no 10 129-132 O '67

658.5(477.8)—Western Ukraine

From scientific points of view. N. Sergeeva, Okhr truda i sots. strakh 10 no 12 8-9 D '67

658.5(478)—Moldavian S.S.R.

[Standards, quality, reliability, and innovation] Standart, kachestvo, nadezhnost' i novatorstvo Kishinev, Karlia Moldoveniaske, 1967. 102 p.

658.5(479.24)—Azerbaijani S.S.R.

Kadymov, R. G. [Struggle of the workers for the development of the petroleum production industry in Azerbaijan, 1951-1958] Bor'ba rabochikh za razvitiye nefte-dobyvaushchei promyshlennosti Azerbaidzhana (1951-1958 gg.) Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1967. 88 p

658.5(574)—Kazakh S.S.R.

Final index of labor productivity. A. Seletskii, Nar. khoz. Kazakh, 25 no. 12 41-47 D '67.

There should be a mass movement for scientific labor organization. Z. Rogov, Nar. khoz. Kazakh, 25 no 12 51-52 D '67.

658.5(575.1)—Uzbek S.S.R.

Recommendations of the republic conference on economists. Ekon. i zhizn' 9 no. 6 72-78 Je '67

What innovations were introduced by the reform in the financial operation of an enterprise. V. M. Muatkhodzhaev, Ekon. i zhizn' 9 no. 6 57-60 Je '67.

With the aid of the entire collective. R. Agadzhanov, Ekon. i zhizn' 9 no. 6 45-46 Je '67.

658.6 COMMERCIAL AND TRADING BUSINESS TECHNIQUE

Judicial examination of actions against service establishments. A. Melnikov, Sots. zakon, no. 8 52-54 Ag '67.

658.7 BUYING, PROCURING AND MANAGEMENT OF STOCK

Everyday business: a review of letters. Mat. -tekh. snabzh. 2 no. 9 73-79 S '67.

Heroic path of struggle and glorious victories. Mat. -tekh. snabzh. 2 no. 9 1-1 S '67.

Improve the distribution of the means of control and management. E. Khalabaeu, Mat. -tekh. snabzh. 2 no. 9 5-11 S '67.

Improve the organization and planning for the supply of materials and equipment, conference of supply organization activists. Report of V. E. Dymshits, Chairman of the State Committee on the Supply of Materials and Equipment. Mat. -tekh. snabzh. 2 no. 7 2-21 Ji '67.

In the Collegium of the State Committee on Procurement. Mat. -tekh. snabzh. 2 no. 9 92 S '67.

Industrial syndicates. IU. Faerman. Mat. -tekh. snabzh. 2 no. 9 33-41 S '67

Introducing classification lists for equipment stocks in an enterprise. I. G. Sustretov, Blul. tekhn. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform. 20 no. 11 33-36 N '67.

Methods of organizing planning and economic incentives in procurement offices. IU. Donets and others. Mat. -tekh. snabzh. 2 no. 9 86-87 S '67.

The participants of the conference speak. Mat. -tekh. snabzh. 2 no. 7 22-64 Ji '67.

Preparation of applications should be simplified. I. Nikitin. Mat. -tekh. snabzh. 2 no. 9 83-84 S '67.

Probability model of determining needs. I. Kuznetsov, Mat. -tekh. snabzh. 2 no. 7 75-81 Ji '67

It is the problem from the point of view of the entire state. Mat. -tekh. snabzh. 2 no. 7 82-85 Ji '67.

Use of mathematical methods and computers in the management of supply of materials and equipment. E. Kirutskii. Mat. -tekh. snabzh. 2 no. 7 91-95 Ji '67.

Using commodity and monetary relations in improving the supply of materials and equipment. F. A. Kan. Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Polit. ekon. no. 6 152-159 '67.

658.7(471.34)—Volga-Vyatka regions

Improve the work of offices. A. Ushakov. Mat. -tekh. snabzh. 2 no. 9 79-80 S '67.

658.7(471.43)—Kuybyshev Province

Efficiency of the specialization of supply and sale offices. N. Strogov. Mat. -tekh. snabzh. 2 no. 7 87-89 Ji '67

658.7(474.5)—Lithuanian S.S.R.

Procurement service and a uniform schedule. P. Balashov, D. Ignatiev, Mat. -tekh. snabzh. 2 no. 9 22-26 S '67.

658.7(476)—White Russian S.S.R.

Supplementary resources. G. Vasilushkin, M. Goriachev. Mat. -tekh. snabzh. 2 no. 7 85-87 Ji '67

Supply of materials and equipment in White Russia. I. Rodionov, V. Kulik. Mat. -tekh. snabzh. 2 no. 9 90-91 S '67

658.7(477)—Ukrainian S.S.R.

Mechanization in planning for procurement. B. Batan. Mat. -tekh. snabzh. 2 no. 9 85 S '67

Work methods of procurement organs. G. Ruban. Mat. -tekh. snabzh. 2 no. 9 14-17 S '67.

658.7(571)—Asiatic R. S. F. S. R.

Take into consideration the specific conditions of procurement. A. Zuev. Mat. -tekh. snabzh. 2 no. 9 15-19 S '67

658.7(571.6)—Soviet Far East

Take into consideration the specific conditions of procurement. A. Zuev. Mat. -tekh. snabzh. 2 no. 9 15-19 S '67

658.7(575.1)—Uzbek S.S.R.

About the big and the important. B. Pinskiy. Ekon. i zhizn' 9 no. 6 41-44 Je '67

658.8 MARKETING, SELLING, DISTRIBUTION

Decisions of arbitration agencies. Sov. iust. no. 18 31 S '67

Give constant attention to the personnel. S. Rodin. Sov. iust. 41 no. 12 10-13 D '67.

Objectives of arbitration agencies as related to the increased responsibility of industrial enterprises. S. Ordynskii. Sov. iust. no. 19 10-14 Ja '68.

Responsibility for failure to present documentary information on allocated funds and delivery plans in the practice of arbitration agencies. A. Travkin. Sov. iust. no. 10 13-11 S '67

The theory of the marketing of a social product. IU. Koldomasov. Plan. khoz. 44 no. 12 26-35 D '67.

658.8(471.65)—North Ossetian A. S. S. R.

For timely sale of products. M. Amulov. Mat. -tekh. snabzh. 2 no. 9 82-83 S '67

659 PUBLICITY INFORMATION

Accounting for advertising expenditures. A. Zigel'boim. Sov. iust. 41 no. 12 39-10 D '67

66 CHEMICAL INDUSTRY. CHEMICAL TECHNOLOGY

Automation of the enterprises of the chemical industry. IU. M. Luchkov, V. L. Rovenkov. Khim. prom. 43 no. 11 73-76 N '67.

Chemical industry of the U.S.S.R. during the first five-year plans. P. M. Luk'ianov. Khim. prom. 43 no. 11 18-22 N '67.

Development and engineering research activity of the Leningrad Research Institute of the Chemical Machinery Industry. N. N. Logunov. Khim. i neft. mashinostr. no. 11 21-26 N '67.

Development of chemical industry, science, and education during the 50 years of Soviet rule. N. M. Zhavoronkov. Khim. prom. 43 no. 11 12-17 N '67.

Development of research and design work in the chemical machinery industry. V. B. Nikolaev. Khim. i neft. mashinostr. no. 11 1-6 N '67.

Foreign economic relations in the field of the chemical and petroleum machinery industry. G. O. Terzian. Khim. i neft. mashinostr. no. 11 7-9 N '67.

Half a century of the Soviet chemical industry. L. A. Kostandov. Khim. prom. 43 no. 11 3-11 N '67.

History of the development of the chemical industry during the first years of Soviet rule, 1917 to 1927. V. A. Volkov. Khim. prom. 43 no. 11 77-80 N '67.

Method for determining the type of a computer in the development of an automatic control system. M. P. Tul' Uch. zap. Ufian gos. ped. inst. 20 no. 4 121-129 '66

Mozozov, L. I. [Soviet chemical industry] Sovetskii khimicheskii industrii. Moskva, Znanie, 1967 47 p (Novoe v zhizni, nauka, tekhnika. XI Seriya) Khimika, 10)

Outline of the development of the theoretical principles of chemical technology (based on work carried by the Academy of Sciences of the Azerbaijan S.S.R. M. F. Nagiev, M. N. Alizade, Z. G. Petrova. Azerb. khim. zhur. no. 3 7-22 '67.

Pilot equipment for iron reduction in a fluidized bed. A. A. Sigov and others. Polosh. met. 7 no. 12 15-18 D '67

Reconditioning enamel coatings of enameled devices. B. I. Erzovskii. Blul. tekhn. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekhn. inform. 20 no. 11 6-7 N '67

Szshin, N. P. [Rare elements and technical progress] Redkie elementy i tekhnicheskii progress. Moskva, Znanie, 1967 45 p. (Novoe v zhizni, nauka, tekhnika. IV Seriya) Tekhnika, 12)

Some results and problems of the development of the mining and chemical industry. K. D. Vasin, N. S. Ul'ianov. Khim. prom. 43 no. 11 46-10 N '67

66(477)—Ukrainian S.S.R.

Efforts of Ukrainian party organizations to develop the creative initiative of chemical workers. M. O. Predtechin. Nauk. pratsi i ist. KPSS no. 8 39-48 '66.

"Krasnyi Oktyabr'" Chemical Machinery Plant in Ivastov. A. L. Landa. Khim. i neft. mashinostr. no. 11 45-46 N '67.

"Progress" Chemical Machinery Plant in Berdichev. I. M. Melnikov, G. I. Smirnov. Khim. i neft. mashinostr. no. 11 46-43 N '67.

Summy M. V. Ivastov Machinery Plant of the Order of Lenin. V. A. Reznichenko, V. D. Vasil'ev. Khim. i neft. mashinostr. no. 11 37-40 N '67.

66(496)—European communist countries as a group

Scientific and technical cooperation of the countries participating in the Comcon in the field of chemical production as a factor in increasing labor productivity. L. I. Likhvanova. Uch. zap. Kaf. obshchestv. nauk vuz. g. Len., Polit. ekon. no. 8 42-49 '67.

66(575.1)—Uzbek S.S.R.

Stride of the chemical industry. A. Dul'man. Ekon. i zhizn' 9 no. 6 15-22 Je '67.

Uzbek Chemical Machinery Plant. N. M. Platonov, L. A. Shalyga, L. M. Smirnov. Khim. i neft. mashinostr. no. 11 43-45 N '67.

66.0 CHEMICAL ENGINEERING

Alkylation of benzene by propylene on synthetic molecular sieves. G. M. Panchenkov, I. M. Kolesnikov, V. A. Tret'yakov. Trudy MINKHIMP no. 69 75-82 '67.

Aspects of mass exchange in combined processes of production of complex gas-analogue fertilizers. M. Z. Tsvik and others. Uzb. khim. zhur. 11 no. 5 69-71 '67.

Atomizers of process liquids. V. M. Kuzanov. Khim. i neft. mashinostr. no. 10 1-5 O '65.

Blast heater for deep use of waste gas heat. E. I. Buzhik. Khim. i tekhn. topl. i masel 12 no. 12 30-33 D '67

Calculation of hydraulic resistances and height of a three-phase fluidized bed. I. P. Levshin, N. I. Krainov, M. I. Nizov. Uzb. khim. zhur. 11 no. 5 72-74 '67.

Catalytic cracking of heavy distillates of thermocoal cracking. IA. A. Botnikov, B. B. Kammer. Khim. i tekhn. topl. i masel 12 no. 12 1-4 D '67

[Chemical and refrigeration machinery manufacture] Ref. zhur.: Khim. i tekhn. mashinostr. no. 11 N '67. Predmetnyi ukazatel' za 1966 [Subject index for 1966].

Classification of chemical equipment and the specialization of factories. M. D. Mazo, IA. L. Tol'dman, E. G. Chistakov. Khim. i neft. mashinostr. no. 10 34-36 O '65.

Comparative evaluation of the properties of various catalysts in the dehydrogenation of propane. G. M. Panchenkov and others. Trudy MINKHIMP no. 69 105-110 '67.

Comparison of acoustical and convective drying. N. N. Dolgopolev, S. G. Simonian, B. I. Atamanov. Inzh. -fiz. zhur. 13 no. 4 375-378 O '67

Conjugated vapor-phase oxidation of the mixture of naphthalene and orthoxylene. A. Kh. Shuripov, and others. Nefteper. i neftekhim. 12 28-29 '67.

Contact materials for obtaining α -olefins by dehydrogenation cracking of n-paraffins. IU. M. Zhurov, O. I. Kuznetsov, G. M. Panchenkov. Trudy MINKHIMP no. 69 82-82 '67.

Contribution of the efficiency promoters. A. S. Medvedeva. Gidrot. i lesokhim. prom. 18 no. 8 26-28 '65.

Controlling the process of turpentine rectification. B. V. Frolotov. Gidrot. i lesokhim. prom. 18 no. 7 17 '65.

Copolymerization of fluorine-substituted styrenes with styrene. M. M. Katon and others. Vysokom. seed Ser. B 9 no. 3 240-242 Mr '67.

Crystallization of AIBN from solutions in melts. Kh. D. Koppel, Z. S. Medvedeva, N. P. Lurman. Izv. AN SSSR, Neorg. mat. 3 no. 10 1787-1792 O '67.

Dehydration of white petroleum products by a filtration method. G. A. Bubnov, L. K. Vasserman, N. V. Zakharov. Khim. i tekhn. topl. i masel 12 no. 12 15-17 D '67

Dependence of the polymerization rate of some imides and properties of formed polymers on the structure of initial monomers. T. V. Shcherebeteva, G. N. Larina, I. N. Shchemukova. Vysokom. seed Ser. B 9 no. 10 772-773 O '67.

Determining temperatures of packing and gases of a rotating regenerator with dispersive packing. V. A. Shelman, G. E. Reznikova, Inzh. -fiz. zhur. 13 no. 4 465-462 O '67.

- Development of the construction of filters. B.N. Bol'shakovskii. Khim i nef. mashinost. no. 11 no. 11 '67.
- Effect of directed introduction of gas into a fluid on the hydrodynamics and mass transfer in bubbling. G.P. Solomakhin, V.P. Prokofiev. Khim i nef. mashinost. no. 12 no. 10 30-34 O '67.
- Effect of electroosmotic additions on chain microstructure in the initiation of butadiene polymerization by π -crotol complexes of nickel. E.A. Muskhina and others. Vysokom. soed. Ser. B no. 10 784-787 O '67.
- The effect of hydrodynamic factors on the oxidation process of isopropylbenzene in a frothy state. I.I. Ilich. Topl. i masel. 12 no. 12 9-10 D '67.
- Effect of pore dimensions of sorbents on effective coefficient values of internal diffusion of the vapors of individual hydrocarbons. G.M. Panchenko, V.A. Skoblo, I.U. Zhorov. Trudy MINKHIGP no. 69 113-150 '67.
- Effect of preliminary irradiation on the catalytic activity of industrial catalysts. G.M. Panchenko and others. Trudy MINKHIGP no. 69 161-168 '67.
- Effect of the nature of hydroxides in Cannizzaro reaction. R.A. Khabullina, Kh.R. Rustamov, L.G. Fatkulina, Uzb. khim. zhur. 11 no. 5 35-37 '67.
- Effect of the parameters of vapor-phase hydration of ethylene on the speed of the entrainment of phosphoric acid from a reactor. B.S. Boudien, G.G. Gorfacheva, G.I. Gagarina, Nefteper. i nef. khim. 12-24 '67.
- Effect of the speed of gas flow on coke formation on an aluminosilicate catalyst. M.A. Tanatarov, G.M. Panchenko, M.L. Levintser. Trudy MINKHIGP no. 69 110-118 '67.
- Effect of the swelling factor on the endurance strength of the lining of digesters. V.M. Kravopolenov, A.V. Molokanov. Rum. prom. no. 12-9-11 D '65.
- Effect of the temperature on coke formation on aluminosilicate catalysts. M.A. Tanatarov, M.L. Levintser, G.M. Panchenko. Trudy MINKHIGP no. 69 131-137 '67.
- Effect of ultrasound on heterogeneous catalytic gas reactions. I.U. Zhorov, E.K. Polunanchenko, G.M. Panchenko. Trudy MINKHIGP no. 69 169-171 '67.
- Evaporation of salt solutions with the formation of crystals in the apparatus with natural circulation and external boiling zone. E.M. Kovalev, V.S. Fokin, I.M. Koval'. Khim i nef. mashinost. no. 10 19-21 O '65.
- Experimental plant for radiothermal cracking of hydrocarbons. I.V. Il'gisonis, A.I. Koldashov, M.V. Sal'minov. Atom. energ. 23 no. 5 470-471 N '67.
- Experimental study of the viscosity of the aqueous solutions of diethylene glycol. A.P. Khimenko and others. Gaz. prom. 12 no. 11 47-48 N '67.
- First hydrolysis industry. A.M. Shirakov. Gidroliz. i lesokhim. prom. 18 no. 8 5-9 '65.
- First industrial radiochemical research plant in the U.S.S.R. I.F. Spryagaev, V.P. Mamikonian. Atom. energ. 23 no. 5 469-470 N '67.
- Formation of resins from furfural and *o*-phenylenediamine. M.S. Davinok and others. Zhur. prikl. khim. 10 no. 8 1874-1877 Ag '67.
- General Meetings of the Sections of the Department of Chemical-Technological and Biological Sciences of the Academy of Sciences of the U.S.S.R. Izv. AN SSSR. Ser. Khim. no. 11 2588-2590 N '67.
- Hydride rearrangement in the polymerization of diazo isobutane. M.G. Kravkovskii, I.L. Koltsov, S.S. Skolokhodov. Vysokom. soed. Ser. A no. 8 1661-1665 Ag '67.
- A hydrodynamic equilibrium during a fluidization of granular materials in conic apparatuses resting on a large base. N.I. Gol'perin and others. Khim i nef. mashinost. 12 no. 12 26-29 D '67.
- In the department of hydrolysis and wood chemistry products. Gidroliz. i lesokhim. prom. 18 no. 7 11 '63.
- Increased reliability in the performance of soda-regeneration cooking machines. S.M. Gaitsgori, S.I. Grinbeis, I.Z. Lipovkov. Bum. prom. no. 12 17-10 D '65.
- Increasing the technical level and quality of chemical and petroleum equipment. A.M. Monastyrskaya, Khim. i nef. mashinost. no. 10 39-41 O '65.
- Initiation of polymerization of vinyl monomers by organic peroxycarbonates. G.A. Raruvayev, L.M. Torman, I.M. Ivanovskii, Vysokom. soed. Ser. B no. 3 208-211 M '67.
- Isomerization of methylmethylphthalene on sillimanite, andalusite, and cyanite. I.M. Kolesnikov, G.M. Panchenko, V.P. Dorokhin. Trudy MINKHIGP no. 69 47-52 '67.
- Isomerization of monomethylmethylphthalene on the CaV and CaV type synthetic zeolites under atmospheric pressure. G.M. Panchenko and others. Trudy MINKHIGP no. 69 60-66 '67.
- Kinetic regularities of radiation-induced graft polymerization from the gas phase on mineral powders. I.U. Zhorov and others. Vysokom. soed. Ser. A no. 8 1627-1634 Ag '67.
- Kinetic regularities of the alkylation of benzene homologs by olefins in the presence of an aluminosilicate catalyst. Report No. 1. Alkylation of toluene by propylene. G.M. Panchenko and others. Trudy MINKHIGP no. 69 21-27 '67.
- Kinetic regularities of the alkylation of benzene homologs by olefins in the presence of an aluminosilicate catalyst. Report No. 2. Alkylation of ethylbenzene by propylene. G.M. Panchenko and others. Trudy MINKHIGP no. 69 28-34 '67.
- Kinetic regularities of the alkylation of benzene homologs by olefins in the presence of an aluminosilicate catalyst. Report No. 3. Alkylation of cumene by propylene. G.M. Panchenko and others. Trudy MINKHIGP no. 69 35-41 '67.
- Kinetics of the alkylation of toluene by ethyl alcohol on sillimanite. I.M. Kolesnikov, O.I. Kuznetsov, I.U. Zhorov. Trudy MINKHIGP no. 69 36-41 '67.
- Kinetics of the contact dehydrogenation cracking of n-octane. G.M. Panchenko, O.I. Kuznetsov, I.U. Zhorov. Trudy MINKHIGP no. 69 98-105 '67.
- Kinetics of the regeneration of a fixed bed-catalyst bed. G.M. Panchenko, I.U. Zhorov, I.U. Zhorov. Trudy MINKHIGP no. 74 77-88 '67.
- Kinetics of the regeneration of a simple catalyst granule in a nonisothermal regime. I.U. Zhorov, G.M. Panchenko. Trudy MINKHIGP no. 74 70-77 '67.
- Mathematical model of an industrial apparatus for the regeneration of aluminosilicate catalyst in a moving bed. I.U. Zhorov and others. Trudy MINKHIGP no. 74 89-96 '67.
- Mechanism of copolymerization of 4-cyclopentene-1, 3-dione with styrene. A.A. Durgarian. Vysokom. soed. Ser. B no. 3 182-185 M '67.
- Method for studying the character of motion of solid particles in a fluidized bed. A.M. Kormilov, Trudy VNI NP no. 10 389-398 '67.
- Methodology for approximate calculation of continuous rectification. B.S. Stetskiy, V.V. Popov, M.B. Gutman. Khim i nef. mashinost. 12 no. 10 35-39 O '67.
- New designs of multilayer high-pressure vessels. I.R. Klusmatulin. Khim i nef. mashinost. no. 10 14-16 O '65.
- Numerical solutions of equations describing nonisothermal real gas flow in pipe lines. B.L. Kravoshin and others. Inzh.-fiz. zhur. 13 no. 4 542-548 O '67.
- Obtaining pure cyclohexane by the molecular distillation method. A.N. Aleksandrov, S.L. Skop. Khim i nef. mashinost. 12 no. 12 11-12 D '67.
- Optimization of the extraction process in selective refining of petroleum distillate oils with phenol. P.M. Nesterov, R.I. Shchegoleva, V.V. Katarov. Khim i nef. mashinost. 12 no. 10 44-48 O '67.
- Organizing technology of safety and industrial safety in the Kaliningrad Fishing Harbor. I. Vkhodov. Ryb. khoz. 43 no. 12 72-74 '67.
- Permissible value of a scale transmission in designing chemical reactors on the basis of a mathematical description. I.U. Zhorov, G.M. Panchenko. Trudy MINKHIGP no. 74 3-13 '67.
- Perspective of the development of the Khor Hydrolysis Plant. M.F. Trintsukova. Gidroliz. i lesokhim. prom. 18 no. 8 23-24 '65.
- Physical properties of industrial slag of the $\text{CaO} - \text{Al}_2\text{O}_3 - \text{CaF}_2$ system. P.P. Evseev. Avtom. svar. 20 no. 11 42-45 N '67.
- Polymerization induced by calcium. E.Z. Livazov, E.I. Timakova. Vysokom. soed. Ser. B no. 10 764-767 O '67.
- Polymerization of styrene in the presence of polyoxyethylene polypropylene glycol. V.V. Dudukin and others. Vysokom. soed. Ser. B no. 3 195-198 M '67.
- Pressing plate filters and methods of installing them. V.V. Belynskii. Khim i nef. mashinost. no. 10 1-4 O '65.
- Processes taking place in fluid thermal contact cracking. Argument underlying the process flow diagram. G.M. Panchenko and others. Trudy MINKHIGP no. 74 58-62 '67.
- Production of *p*-xylylene dichloride by chlorination of xyloles and mixture of isomeric xylyl chlorides. N.K. Moshechinskaya, V.S. Kravtsov, A.M. Karateev. Zhur. prikl. khim. 40 no. 8 1868-1871 Ag '67.
- Products of advanced-stage hydrolysis of cellulose propionate. G.A. Petropavlovskii, G. Rakhmanberdiev. Zhur. prikl. khim. 40 no. 8 1793-1799 Ag '67.
- Properties of soluble block copolymers and statistical copolymers of butadiene with styrene. N.F. Kovalev and others. Kauch. i rez. 26 no. 12 6-11 '67.
- Rationalization at the Khor Hydrolysis Plant. L.I. Kopteva. Gidroliz. i lesokhim. prom. 18 no. 8 24-26 '65.
- Reduction of molybdenum pentachloride in hydrogen flow. G.E. Pletenskii, A.T. Mandrich. Zhur. prikl. khim. 40 no. 8 1830-1832 Ag '67.
- Refining of corn oil in alkali-soap medium. N.A. Kaminskii, D.F. Agaryshev, N.S. Arutunian. Mael. i zhur. prom. 32 no. 5 38-39 M '65.
- Relation between the coordination number of aluminum in natural crystalline aluminosilicates and their activity in the alkylation of toluene by propylene. I.M. Kolesnikov, G.M. Panchenko, E.A. Morozov. Trudy MINKHIGP no. 69 31-36 '67.
- Relation of the coordination number of aluminum to its activity in the polymerization of isobutylene. I.M. Kolesnikov, G.M. Panchenko, Z.T. Elishova. Trudy MINKHIGP no. 69 66-74 '67.
- Selective hydrogenation of olefin groups of different degree of substitution in low molecular substances and in polymer. B.I. Tikhomirov, I.A. Klepova, A.I. Akubchik. Vest. LGU 22 no. 22 147-152 N '67.
- Simplified method for determining the mean particle size of powdered catalysts in fraction finer than 45-55 mc. V.N. Vorob'eva, G.V. Astaf'ev. Trudy VNI NP no. 10 407-415 '67.
- Some characteristics of the catalytic dehydrogenation of alcohols on aluminum oxide. Obtaining higher- α -olefins. I.U. Zhorov, G.M. Panchenko. Trudy MINKHIGP no. 69 159-163 '67.
- Some problems of the overall automation of the process industry. A.M. Vertin. Gidroliz. i lesokhim. prom. 18 no. 7 1-2 '65.
- Sorption of coloring substances of dyes and various ion exchangers. F.R. Leikin and others. Gidroliz. i lesokhim. prom. 18 no. 7 7-9 '67.
- Stereospecific polymerization of butadiene under the effect of π -allyl complexes of nickel with ethylbenzene, *n*-hexane, and others. Dokl. AN SSSR 177-142 N-D '67.
- Study of azoocopy in binary and ternary systems. Lesteva and others. Zhur. prikl. khim. 40 no. 8 1814 Ag '67.
- Study of kinetics of the solid-phase polymerization of toluene by means of nuclear magnetic resonance. I.A. G. Urman and others. Vysokom. soed. Ser. B no. 10 770-772 O '67.
- Study of the features of emulsion polymerization of methacrylate in the presence of polyoxyethylene propylene glycol as emulsifier. V.V. Dudukin. Vysokom. soed. Ser. B no. 9 no. 1 199-201 M '67.
- Study of the kinetics of hydrolysis of tobacco sugar celluloses. M.I. Goriachy and others. Trudy Inst. nauk AN Kazakh SSR 19 125-131 '67.
- Studying a fluidized bed by means of gamma rays. A.V. Akhromenko, A.S. Kruglov. Trudy VNI NP no. 10 399-406 '67.
- Studying and comparing fanned tube surfaces of the change in a wide range of the Reynolds number. V.A. Beiman. Khim i nef. mashinost. no. 10 1-4 O '65.
- Studying the kinetics of ion exchange on the KU-12 cation exchangers and the type-A zeolite in the flow and conditions of agitation. V.S. Golubev, G.M. Panchenko, V.T. Filimonov. Trudy MINKHIGP no. 69 151-159 '67.
- Studying the kinetics of the sorption of benzene vapor on an aluminosilicate catalyst. G.M. Panchenko and others. Trudy MINKHIGP no. 69 137-143 '67.
- Substituted acetylacetonethanes. I.N. Averbach, I.S. Poplyskaya, R.G. Kurmangaliyeva. Trudy Inst. nauk AN Kazakh SSR 19 56-59 '67.
- Synthesis and polymerization of some aromatic 4-vinylbenzoic acid. G.M. Pogorian, G.A. Zhurav. G.S. Kolesnikov. Vysokom. soed. Ser. B no. 3 191-193 M '67.
- Synthesis of *p*-organochloroethylaluminates by gas-phase condensation of chlorosilicon hydrides with *p*-chlorophenol. L.A. Chernyshev, T.L. Krasova, S.A. Pavlova. Zhur. prikl. khim. 40 no. 8 1871-1874 Ag '67.
- Thirty years of the hydrolysis industry and the silicic acid production. Gidroliz. i lesokhim. prom. 18 no. 8 3-5 '65.
- Turbulent mixing in a three-phase fluidized bed. I.F. Vasil'. N. Kh. Manakov, V.V. Maslennikova. Khim i nef. mashinost. 12 no. 12 4-8 D '67.

66 0 (471.51)—Udmurt A.S.S.R.

Production of a viscosity reducer. N.V. Palamarchuk. Gidroliz. i lesokhim. prom. 18 no. 7 21-22 '65.

66.0 (671.62)—Khabarovsk Territory

Efficiency promoters of the hydrolysis industry. L.I. Kopteva. Gidroliz. i lesokhim. prom. 18 no. 7 21-22 '65.

661.1 SPECIAL CHEMICAL INDUSTRIES. FINE CHEMICALS

Adsorption of antimony trichloride from solution in dioxane tetrachloride by silica gel. I.U. Martynov, G.I. Afanas'eva, E.A. Krenko. Zhur. prikl. khim. 40 no. 8 1828-1830 Ag '67.

Aspects of divinylbenzene concentration. I.U. A. Leikin, A.B. Davankov, T.I. Krivova. Zhur. prikl. khim. 40 no. 8 1799-1804 Ag '67.

Determining the degree of hydrophobicity of butylated silica gel. E.D. Anokova, I.N. Nikolaeva, L.V. Bortova. Trudy VNI NP no. 10 333-337 '67.

Effect of ethanalamides on the properties of surface active substances. L.D. Volkova. Mael. i zhur. prom. 32 no. 5 18-21 M '66.

Effect of substituting cations on catalytic activity of fluid cation exchanger. I.A. Gafurdzhanov, Kh.R. Rustamov. Uzb. khim. zhur. 11 no. 5 58-59 '67.

Ion exchange in the system glass - fused salt. T.V. Perminova, V.V. Moiseev. Izv. AN SSSR. Neorg. khim. 3 no. 10 1016-1020 O '67.

Ion-exchange properties of zirconium polyphosphates. E.S. Boychenova, T.S.I. Podgorelova. Zhur. prikl. khim. 40 no. 8 1833-1835 Ag '67.

Liquefying action of gumitan and thermokarton on the aqueous dispersions of clay minerals. M.M. Krut'kiy, V.I. Orabchenko. Dop. AN URSR. Ser. B 29 no. 1 1007-1009 N '67.

Magie grains. S. Umarov, Z. Salimov, N. Usupbekov. Eksp. i zhur. 10 no. 12 81-85 D '66.

Production of finely dispersed silica by pyrohydrolytic transformation of silicon tetrafluoride in the gas phase. Z.G. Smirnova and others. Zhur. prikl. khim. 40 no. 8 1667-1675 Ag '67.

Studying the kinetics of ion exchange on the KU-12 cation exchangers and the type-A zeolite in the flow and conditions of agitation. V.S. Golubev, G.M. Panchenko, V.T. Filimonov. Trudy MINKHIGP no. 69 151-159 '67.

- 661.1 (Continued)**
 Studying the process of regeneration of silica gel in the demineralization of frayinghead gas in the Minnibayev G. G. plant. I. G. Gannulin and others. *Gaz prom.* 12 no. 11 49-51 N '67.
 Surface activity of sulfuric acid and its aqueous solutions. A. K. Mikhlin, E. M. Gutman. *Ukr. khim. zhur.* 33 no. 7 608-702 '67.
 Synthesis of cation exchangers by chemical transformations of furfuralideneacetone resins. I. U. A. Leikin, A. B. Davankov. *Zhur. prikl. khim.* 40 no. 8 1804-1808 '67.
 Theoretical limit of applicability of the cation-exchange method for regeneration of ammonium ions from spent sulfur liquor. L. O. Ioffe. *Zhur. prikl. khim.* 40 no. 8 1712-1718 '67.
- 661.2 SULFUR AND COMPOUNDS**
 Changes of temperature rise in gases in front of the contact apparatus of an installation for the production of sulfuric acid by wet catalysis. S. A. Tsuyganov, A. I. Shekhtin, A. A. Shestopalova. *Khim. i tekhn. prom.* 12 no. 10 9-11 O '67.
 Development of the sulfuric acid industry of the U. S. S. R. K. M. Mikhlin. *Khim. prom.* 43 no. 11 29-33 N '67.
 Effect of the duration of the treatment of sillimanite, andalusite, and cyanite by sulfuric acid on their activity in the conversion of ethylbenzene. I. M. Kolesnikov, G. M. Panchenkov, V. P. Dorokhin. *Trudy MINKHIGP* no. 69 42-46 '67.
- 661.3 POTASSIUM AND SODIUM COMPOUNDS**
 Chlorine, sodium hydroxide, and chlorine product industry in 50 years. V. G. Fleishman. *Khim. prom.* 43 no. 11 47-50 N '67.
 Effect of concentration on the process of electrolysis of potassium carbonate solutions. A. R. Iskovskiy, P. I. Mironov. *Ukr. khim. zhur.* 11 no. 5 61-65 '67.
- 661.4 HALOGENS, HALIDES**
 Chlorine, sodium hydroxide, and chlorine product industry in 50 years. V. G. Fleishman. *Khim. prom.* 43 no. 11 47-50 N '67.
- 661.5 NITROGEN COMPOUNDS**
 Diffusion kinetics of oxidation of ammonia by oxygen in platinum tubes. A. P. Zaslavskiy, R. G. Orlovskiy, V. I. Atrachevskiy. *Zhur. prikl. khim.* 40 no. 8 1722-1727 '67.
 Nitrogen industry for the national economy. K. K. Khishidze, M. I. Rikhsit. *Khim. prom.* 43 no. 11 23-28 N '67.
 Solubility of calcium nitrate in the mixture $\text{HNO}_3\text{-N}_2\text{O}_4\text{-H}_2\text{O}$. V. M. Kaut and others. *Ukr. khim. zhur.* 33 no. 7 679-681 '67.
- 661.6 VARIOUS NONMETALS AND COMPOUNDS**
 Complex liquid fertilizers based on cyclic nitric acid decomposition of phosphates. L. E. Van Dyk, I. M. Mikhlin, M. N. Nabiev. *Ukr. khim. zhur.* 11 no. 5 11-13 '67.
 Expanding the availability of raw materials for the industry of nonmetallic minerals. A. S. Zverev, M. B. Gilyarovskiy. *Trudy MINKHIGP* no. 69 41-45 '67.
 Mechanism of the synthesis of hypophosphite solutions. I. M. Morozov, T. D. Averbukh. *Zhur. prikl. khim.* 40 no. 8 1860-1867 '67.
 Silicon carbide coatings on graphite. A. S. Sin'kovskiy, G. V. Semakova, I. V. Smekha. *Porosh. met.* 7 no. 12 13-10 '67.
 Study of the process of nitric acid decomposition of phosphoric of different granulometric composition from the Akay deposit. V. M. Beglov, I. F. Gankhanova, M. N. Nabiev. *Ukr. khim. zhur.* 11 no. 5 1-7 '67.
- 661.7 ORGANIC SUBSTANCES**
 Change of functional groups during cellulose oxidation by periodic acid. K. D. Dimov, V. N. L. Ieva. *Vysokom. soed. Ser. A* 9 no. 8 1616-1653 '67.
 Chlorine, sodium hydroxide, and chlorine product industry in 50 years. V. G. Fleishman. *Khim. prom.* 43 no. 11 47-50 N '67.
 Comparative reactivity of tosyl and nitric esters of cellulose in reactions of nucleophilic substitution with amino-benzoic acids. E. A. Chaikina, L. S. Gal'braikh, Z. A. Rogovskiy. *Vysokom. soed. Ser. B* 9 no. 2 151-155 '67.
 Continuous cooking of cotton cellulose. I. U. A. Leikin, and others. *Bum. prom.* no. 12-12-13 D '67.
 Correlation of nuclear quadrupole resonance frequencies of C^{13} in dichloroanhydrides of some phosphorus acids with π -constants of substituents at phosphorus atom. E. N. Tsvetkov and others. *Izv. AN SSSR Ser. khim.* no. 11 2375-2378 N '67.
 Corrosion of rustproof steels in the production of acetic acid. P. I. Anuchin, G. I. Orlitz. *I. lesokhim. prom.* 18 no. 8 19-21 '65.
 Electrochemical method for the alcoholysis of triglycerides of fatty acids with polyhydric alcohols. M. M. Fial'ovich, K. M. Gol'dberg. *Lakokr. mat. i tekhn. prim.* no. 4 6-9 '67.
 Electronic spectra of dialdehyde cellulose. M. Z. Gavrilov, I. N. Ermolenko. *Vysokom. soed. Ser. A* 9 no. 8 1688-1692 '67.
 Esterification of acetic acid by alcohols on cation exchangers. A. M. Chaschkin, N. M. Lebedeva, M. S. Pervynskiy. *Gidroliz. i lesokhim. prom.* 18 no. 8 17-19 '65.
- Features of relaxation of cellulose hydroxyl groups at low temperatures.** G. M. Mikhailov, A. I. Atrachevskiy, T. I. Porisova. *Vysokom. soed. Ser. B* 9 no. 2 139-141 '67.
Formation of resins from furfural and o-phenylenediamine. M. S. Barvinok and others. *Zhur. prikl. khim.* 40 no. 8 1874-1877 '67.
Industry of the essential organic synthesis in 50 years. O. V. Korzunskiy. *Khim. prom.* 43 no. 11 50-54 N '67.
Inhibitor action of benzotriazole, mercaptobenzotriazole, acetaldehyde, cuprous oxide, and thiourea in ammonia and sodium hydroxide in the presence of ammonium ions. V. P. Dobovolskiy, T. G. Neznamova, V. P. Baranovskiy. *Zhur. prikl. khim.* 40 no. 8 1841-1843 '67.
Method for studying and separating organosulfur compounds from low-viscosity oils and distillates. A. A. Rodchinskaya, B. B. Krol', N. N. Kuchelavskaya. *Trudy VNIIP* no. 10, 121-129 '67.
New organophosphorus insecticides. I. N. Atrachevskiy and others. *Trudy Inst. khim. naul. AN Kazakh SSR* 19 19-55 '67.
Products of advanced-stage hydrolysis of cellulose pectinate. G. A. Pechenkovskiy, G. Rakhmanberdiyev. *Zhur. prikl. khim.* 40 no. 8 1793-1799 '67.
Properties of filled plasticized polyvinyl chloride. V. A. Voskresenskiy and others. *Zhur. prikl. khim.* 40 no. 8 1877-1879 '67.
Rogovskiy, Z. A. [Chemical transformations and modification of cellulose]. Khimicheskie prevrascheniya i modifikatsiya tsellulozy Moskva, Khimika, 1967 174 p.
Quantitative determination of citric acid in industrial solutions. N. A. Zhabolovskiy, L. M. Ageev. *Khich. i kom. prom.* 11 no. 12 17-18 D '67.
Study of cellulose stereoisomers containing atropian-oxidic links by means of infrared spectroscopy. V. P. Komar and others. *Vysokom. soed. Ser. B* 9 no. 3 231-233 M '67.
Supermolecular structure of graft copolymers of cotton fiber. K. Kh. Razikov, Kh. U. Usmanov. *Vysokom. soed. Ser. B* 9 no. 10 742-743 O '67.
Synthesis of biologically active mercury-containing cellulose derivatives. I. F. Sharikova, A. D. Vainik, O. D. Pestereva. *Zhur. prikl. khim.* 40 no. 8 1861-1866 '67.
Synthesis of cation exchangers by chemical transformations of furfuralideneacetone resins. I. U. A. Leikin, A. B. Davankov. *Zhur. prikl. khim.* 40 no. 8 1804-1808 '67.
Synthesis of 1,3(dinaphthoxy)-2-propanols and their allyl ethers. B. I. Mikhlinov, R. Kh. Kimsanov. *Dokl. AN Tadzh. SSR* 10 no. 9 39-41 '67.
Synthesis of polyamide acids and polyimides from dianhydride of diphenylsulfone-3,1,3,4-tetracarboxylic acid and some diamines. S. A. Zakhoshchikov, K. N. Vlasova, G. M. Zolotareva. *Vysokom. soed. Ser. B* 9 no. 3 234-237 M '67.
Synthesis of 3,6-anhydro-o-derivatives of cellulose by saponification of tosyl cellulose ester with aqueous alkali solutions. I. M. Makhmudov, I. S. Gal'braikh, Z. A. Rogovskiy. *Vysokom. soed. Ser. A* 9 no. 8 1733-1738 '67.
Technical synthesis of methylvinyl ketone and methylisopropenyl ketone based on Mannich's reaction. G. S. Mitonov and others. *Zhur. prikl. khim.* 40 no. 8 1777-1782 '67.
Use of nonprotein in nitrogen in feeding ruminants. I. I. Pollakov. *Dokl. MIIP* 3 no. 1 451-455 '66.
- 661.8 METALLIC COMPOUNDS, MINERAL FIBERS**
 Calcium ferrites in high-acidity sinters. L. I. Leont'ev. *Trudy Inst. met.* no. 13-32-37 '66.
 Certain peculiarities of the autoclave oxidation of sulfides present in constituents of manufactured semi-finished products. I. P. Khudakov, A. S. Atrachevskiy. *Sbor. Ural. politekh. inst.* no. 155-38-105 '67.
 Change of activity during cracking on aluminosilicates. I. M. Kolesnikov and others. *Trudy MINKHIGP* no. 71 97-101 '67.
 Characteristics of the aluminothermic reduction of hard oxides. L. N. Rusakov, A. S. Dubrovina, V. L. Kuznetsov. *Teori. i prak. met.* no. 8 75-80 '66.
 Conditions for the existence of nitrides in nickel-chromium base alloys. E. G. Ivanov, A. I. Stomakhin, A. F. Filippov. *Izv. vys. ucheb. zav., Chern. met.* 10 no. 10 92-95 '67.
 Effect of machining on the wear-in of ceramic metal materials. I. M. Fedorchenko, L. V. Zabolotnyy. *Porosh. met.* 7 no. 12 64-69 D '67.
 Effect of temperature on the lubricating properties of molybdenum disulfide. N. N. Barakova, L. S. Murashkin. *Trudy LPI* no. 285 39-42 '67.
 Effect of the duration of the treatment of sillimanite, andalusite, and cyanite by sulfuric acid on their activity in the conversion of ethylbenzene. I. M. Kolesnikov, G. M. Panchenkov, V. P. Dorokhin. *Trudy MINKHIGP* no. 69 42-46 '67.
 Effect of titanium, magnesium and sodium oxides on the viscosity of alumina slags. O. A. Arkhipov, S. V. Shtengel'meyer. *Trudy Inst. met.* no. 13 142-147 '60.
 Elasticity modulus of hard alloys. M. G. Loshak, L. I. Aleksandrova. *Porosh. met.* 7 no. 12 74-77 D '67.
 Electric properties of ZrC-NbC solid solutions. A. I. Avgustinik and others. *Izv. AN SSSR. Neorg. mat.* 3 no. 10 1823-1827 O '67.
- Experience in the autoclave leaching of sulfide nickel-cobalt concentrate by ammonia in the presence of oxygen.** V. I. Rybnikov, V. I. Smirnov. *Sbor. Ural. politekh. inst.* no. 155 7-19 '67.
Experience in the treatment of sulfide nickel-cobalt concentrate by the autoclave method. S. S. Nabochenko, V. I. Smirnov. *Sbor. Ural. politekh. inst.* no. 155 45-52 '67.
Filling with grit porous ceramic materials during grinding. A. I. Litmanov, L. S. Shushin. *Porosh. met.* 7 no. 12 84-88 D '67.
Friction characteristics of tungsten-boron nitride alloys. A. I. Aitamonov, I. A. Dzhafarov. *Porosh. met.* 7 no. 12 78-81 D '67.
Improving the properties of hard alloy products by machining. O. V. Rytal'chenko, I. U. D. Gerasimov, N. R. Anders. *Porosh. met.* 7 no. 12 96-102 D '67.
Intermetallic compounds as a new base for heat-resistant materials. I. I. Kornilov. *Metalloved. i term. obs. met.* no. 11 3-12 N '67.
Investigating the ammonium leaching of nickel matte. S. S. Nabochenko, V. I. Smirnov. *Sbor. Ural. politekh. inst.* no. 155 11-22 '67.
Kinetics of the solution of manganese sulfide, and behavior of manganese ion in the autoclave processes. I. I. Khudakov, A. V. Kifurva. *Sbor. Ural. politekh. inst.* no. 155 51-59 '67.
Magnesium-thermal method for the production of metal borides. I. A. Markovskiy, N. V. Verzhina. *Zhur. prikl. khim.* 40 no. 8 1821-1826 '67.
Mathematical model of an industrial apparatus for the regeneration of aluminosilicate catalyst in a moving bed. I. M. Zhorov and others. *Trudy MINKHIGP* no. 71 88-95 '67.
Mechanism of the interaction of solid metal oxides with carbon. V. P. Elutin, I. U. A. Pavlov, S. B. Shcheldadze. *Izv. vys. ucheb. zav., Chern. met.* 10 no. 10 64-67 '67.
Nitrogen solubility and conditions of aluminum and titanium nitride formation in the Kh20N60 alloy. I. U. A. Danilovich, A. N. Morozov. *Teori. i prak. met.* no. 8 119-155 '66.
Nitrogen solubility and the formation of nitrides in iron-niobium melts. V. F. Isacov, A. N. Morozov. *Teori. i prak. met.* no. 8 111-118 '66.
Products and the mechanism of thermal dissociation of molybdenite. A. V. Gorokh and others. *Teori. i prak. met.* no. 8 163-168 '66.
Properties of some individual calcium hydrosilicates and hydrogarnets. I. S. Shornikova, I. U. M. But, S. A. Kizheminaki. *Sbor. trud. VNISTROM* no. 6 3-10 '66.
Relation of the coordination number of aluminum to its activity in the polymerization of isobutylene. I. M. Kolesnikov, G. M. Panchenkov, Z. F. Litvinova. *Trudy MINKHIGP* no. 69 56-71 '67.
Röntgenographic analysis of sillimanite, andalusite, and cyanite samples of various types of treatment. I. M. Kolesnikov, G. M. Panchenkov, V. A. Sokolov. *Trudy MINKHIGP* no. 69 52-60 '67.
Separation of niobium and titanium by forming. V. N. Savilev, I. D. Sklyarov, S. G. Mokrushin. *Zhur. prikl. khim.* 40 no. 8 1741-1743 '67.
Spectrophotometric study of the system sodium molybdate-kyote acid in aqueous solution. Kh. R. Rakhimov, I. U. Sokolova. *Trudy Tash. GU* no. 288 124-127 '67.
Stabilization of dicalcium silicate by calcium ferrite. V. A. Utkov, S. V. Ivanova, N. D. Shammova. *Trudy Inst. met.* no. 13 26-28 '66.
Studying the thermodynamic properties of oxide phases in the system FeO-CuO-SiO_2 by the electromotive force method. I. N. Demchenko, S. I. Filippov. *Izv. vys. ucheb. zav., Chern. met.* 10 no. 10 68-70 '67.
Treatment of sulfide nickel-cobalt concentrate by the electric melting method. A. D. Zlazar, I. I. Pimenov. *Sbor. Ural. politekh. inst.* no. 155 98-105 '67.
- 661.9 VARIOUS INDUSTRIAL GASES**
 Coke-oven gas purification from nitric oxide on pilot plant equipment. N. F. Pavlova and others. *Koks i khim.* no. 12 35-38 '67.
 Manufacture of metal-cutting tools by hard facing. G. V. Sutyryn, V. G. Lobitskiy. *Svar. proizv.* no. 6 35-36 '67.
 Peculiarities of the gas dynamics method of controlling the melting action of the arc in consumable electrode welding in carbon dioxide. I. M. Kovalev, A. I. Akulov. *Svar. proizv.* no. 6 18-21 '67.
 Problems of the aerodynamics of an oxygen jet flowing from a multinozzle lance. V. I. Ivolskiy and others. *Izv. vys. ucheb. zav., Chern. met.* 10 no. 10 76-78 '67.
- 662 EXPLOSIVES, FUELS**
Demidov, V. I. [We are the last to leave a place... notes of a pyrotechnician]. My ukhodim poslednimi... zapiski pyrotekhnika. [Moskva] Molodai gvardia, 1967 205 p.
Gas only! L. Martenbakh, I. Veitsman. *Ekon. i zhizn'* no. 7 42-13 '67.
 Technical and economic estimate and selection of explosives. B. V. Porodnikov and others. *Gor. zhur.* 142 no. 5 17-38 My '67.
- 662.2 HIGH EXPLOSIVES**
Safonov, L. V., and G. V. Kuznetsov. [Seismic effect of exploding borehole charges]. Seismicheskiy efekt vzryva skvazhinnykh zaryadov. Moskva, Nauka, 1967, 100 p.

Optimum conditions of operation of a desalination distillation plant. I. A. Alev, R. Baimarov, B. D. Tairov, Izv. AN Turk. SSR, Ser. fiz.-tekhn., Khim., i geol. nauk, no. 5 64-62 '67.

Raising the level of organoleptic evaluation of liquors and vodkas. V. G. Svirida, G. L. Oshunina, Feim i spirit prom. 33 no. 7 24-27 '67.

Scientific conference at the All-Union Correspondence Institute of the Food Industry, Feim i spirit prom. 33 no. 7 43-44 '67.

Winners of the All-Union socialist competition of collectives of the food industry enterprises for the second quarter of 1967, Feim i spirit prom. 33 no. 7 46 '67.

663(471.62)—Krasnodar Territory

From the practice of growing seedlings of ocimum menthaefolium at the "Elit" state farm, P. A. Buzinov, A. A. Eksuzian, Masl.-zhir. prom. 32 no. 5 26-27 My '66.

663(477)—Ukrainian S. S. R.

Electromagnetic treatment of water at the Odessa Liqueur and Vodka Plant, L. L. Knava, Feim i spirit prom. 33 no. 7 37-38 '67.

Some problems of the methodology of distributing production costs in overall production, I. I. Rizberg, Feim i spirit prom. 33 no. 7 35-37 '67.

The Ukrainian Main Administration of the Alcohol, Liqueur, and Vodka Industry sums up the results of the work of the liqueur and vodka industry under the new conditions, A. L. Riaboi, Feim i spirit prom. 33 no. 7 44-45 '67.

663(479.22)—Georgian S. S. R.

From the practice of growing seedlings of ocimum menthaefolium at the "Elit" state farm, P. A. Buzinov, A. A. Eksuzian, Masl.-zhir. prom. 32 no. 5 26-27 My '66.

663(479.24)—Azerbaijani S. S. R.

Improving the utilization of industrial production basic funds in the tea industry of Azerbaijan, V. A. Rustamov, A. U. Bagirov, Za tekhn. prog. 7 no. 10 17-18 O '67.

Using pectolitic fermentation preparations in wine making in Azerbaijan, E. N. Datunashvili, I. N. Nurmamedov, Za tekhn. 13-45 Ag '67.

664 FOOD INDUSTRIES. PRESERVATION

The customer says "thank you," V. Ismailov, Sov. toig. 41 no. 12 10 D '67.

[Equipment of the food industry] Ref. zhur. Obor. pishch. prom. nos. 10-11 N '67.

Method for simultaneous determination of lead and iron in canned products, L. Halod, Mias, ind. SSSR 38 no. 10 37-38 O '67.

Packaging and shaping of containers for food products, E. M. Cheva, Tekhn. est. 4 no. 11 6-7 N '67.

Reduce the average number of intermediate offices involved in the wholesale turnover and movement of foodstuffs, A. Polovnikov, B. Poletaev, Sov. toig. 41 no. 12 20-22 D '67.

Scientific conference at the All-Union Correspondence Institute of the Food Industry, Feim i spirit prom. 33 no. 7 43-44 '67.

664(471.310)—Moscow City

Reduce the average number of intermediate offices involved in the wholesale turnover and movement of foodstuffs, A. Polovnikov, B. Poletaev, Sov. toig. 41 no. 12 20-22 D '67.

664(478)—Moldavian S. S. R.

Refrigeration in the canning industry of the Moldavian S. S. R., V. P. Valeiko, Khol. tekhn. 44 no. 12 6-7 D '67.

664.1 SUGAR INDUSTRY

Mikhatova, G. N. [Coloring matter in products of the sugar industry] Krasnashchile veshchestva v produktakh sakhar'nogo proizvodstva, Moskva, 1967 24 p.

Productivity of automatic packaging machines, G. A. Maishalkin, V. V. Simutenko, Khleb, i kond. prom. 11 no. 12 13-14 D '67.

Studying the process of sugar melting in a film-type apparatus, M. B. Lingor, M. M. Istomina, Khleb, i kond. prom. 11 no. 12 15-17 D '67.

664.1(477)—Ukrainian S. S. R.

Effect of various factors on the sugar content of beets, N. H. Mikhailova, Trudy Ukr. NIMM no. 68 45-54 '67.

664.2 STARCHES. OTHER POLYSACCHARIDES

Amylase sorption by starch, M. S. Shul'man, L. M. Vainer, Prikl. biokhim. i mikrobiol. 3 no. 6 717-722 N-D '67.

Ways to decrease alcohol losses in the production of pectin, I. V. Udintsev, Khleb, i kond. prom. 11 no. 12 30-32 D '67.

664.2(471.65)—North Ossetian A. S. S. R.

For timely sale of products, M. Ambalov, Mat.-tekhn. snabzhen. 2 no. 9 62-63 S '67.

664.6 BAKING. BREAD AND FLOUR CONFECTIONERY

Can opening device, N. M. Ruzanov, Khleb, i kond. prom. 11 no. 12 29 D '67.

Choice of optimal conditions of yeast maturing obtained by the "air-inflow" method, E. A. Plevako, Khleb, i kond. prom. 11 no. 12 20-21 D '67.

Commemorative banners for the winners, Khleb, i kond. prom. 11 no. 12 2 D '67.

Comparative evaluation of flour losses during fermentation in the production of bread with liquid semifinished products and thick leavens, I. I. Liushinskaya and others, Khleb, i kond. prom. 11 no. 12 7-9 D '67.

Competition of 100 schools, R. Nefed'ev, Prof.-tekhn. obr. 24 no. 10 22 O '67.

Distribution of pressure in the prematrix chamber of a screw-press, B. M. Azarov and others, Khleb, i kond. prom. 11 no. 12 18-20 D '67.

Efficiency promoting at the Barnaul Bakery No. 5, M. A. Babushkin, Khleb, i kond. prom. 11 no. 12 26-27 D '67.

Equipment for the macaroni industry at the "Inprodmash-67" exhibition, E. S. Polakov, Khleb, i kond. prom. 11 no. 12 37-39 D '67.

Fulfilling the plan for 1968 ahead of schedule; third year of the five-year plan, Khleb, i kond. prom. 11 no. 12 2-3 D '67.

Improving the electric schematic of the AVB-100M water-measuring tanks, A. M. Gidnev, Khleb, i kond. prom. 11 no. 12 25-26 D '67.

New brand of macaroni products, M. A. Chaplin, Khleb, i kond. prom. 11 no. 12 3-6 D '67.

Proportioning equipment for liquid components, I. I. Kokotskii, Khleb, i kond. prom. 11 no. 12 24-25 D '67.

Providing modern machinery for the plants of the food industry, V. I. Savol'ov, Khleb, i kond. prom. 11 no. 12 33-34 D '67.

Resources of the growth of labor productivity in the baking industry of Kazakhstan, U. I. Usik'ev, P. K. Parakhin, Khleb, i kond. prom. 11 no. 12 21-23 D '67.

Seminar of efficiency promoters and inventors of the bread manufacturing enterprises of the Ukraine, V. Z. Gligorenko, Khleb, i kond. prom. 11 no. 12 10 D '67.

The SPK-1 oven, A. D. Katyl', Khleb, i kond. prom. 11 no. 12 28-29 D '67.

Studying heat conditions in the working chamber of the bread-baking oven, A. T. Litovenko and others, Khleb, i kond. prom. 11 no. 12 10-12 D '67.

664.6(477)—Ukrainian S. S. R.

Practices of Odessa confectionery workers, N. Kostetskii, V. Kotliarenko, Sots. trad. 12 no. 10 98-99 O '67.

664.8 PRESERVATION OF ORGANIC PRODUCTS. FRUIT AND VEGETABLE PRODUCE

Refrigeration and its tasks, V. Kokorev, Sov. toig. 41 no. 12 14-10 D '67.

664.8(477)—Ukrainian S. S. R.

On paper and in life, L. Pavlova, Sov. profsoyuzny 23 no. 22 16-17 N '67.

664.9 PRESERVATION OF ANIMAL PRODUCE

Phenol composition in two types of canned fish, I. I. Lapshin, T. G. Rodina, Ryb. khoz. 43 no. 12 63-66 '67.

664.9(267)—Indian Ocean

Meat properties of some cartilaginous fish of the Indian Ocean, V. I. Tishin, Ryb. khoz. 43 no. 12 70-71 '67.

665 OILS. FATS. WAXES

Achievements of science and technology adopted by the industry, Masl.-zhir. prom. 32 no. 5 1-3 My '66.

Causes of the change in manganese catalyst activity during paraffin oxidation by atmospheric oxygen, A. A. Potchenko, L. I. Panova, Masl.-zhir. prom. 32 no. 5 21-24 My '66.

Centralized adsorption-extraction unit for the production of attar of roses, S. A. Popov, Masl.-zhir. prom. 32 no. 5 28-29 My '66.

Changes in some properties of mineral oils as affected by mycobacteria, S. E. Kiselev and others, Prikl. biokhim. i mikrobiol. 3 no. 6 647-652 N-D '67.

Characteristics of some properties of cotton seeds, hulls and husks, A. L. Maikman, B. L. Begil'man, O. G. Kuchmar, Masl.-zhir. prom. 32 no. 5 10-12 My '66.

Composition of the film of oil-rich sunflower seeds and its relation to manufacturing influences, A. M. Goldovskii, M. G. Zaitseva, Masl.-zhir. prom. 32 no. 5 1-7 My '66.

Effect of ethanolamides on the properties of surface active substances, L. D. Volkova, Masl.-zhir. prom. 32 no. 5 18-21 My '66.

Effect of fatty acid salts on yeast growth, K. Rizvanov, V. Kh. Popov, Prikl. biokhim. i mikrobiol. 3 no. 6 660-664 N-D '67.

Effect of water and oil on the substantiality of the kernels of sunflower seeds, L. A. D'jakonov, Masl.-zhir. prom. 32 no. 5 7-9 My '66.

From the practice of purifying sulfate solutions of nickel and copper, V. I. Zhitnikov and others, Masl.-zhir. prom. 32 no. 5 39-40 My '66.

Liquid detergents based on alkylsulfates of alcohols of unsaponifiable-II, Report No. 4, G. I. Moskvina, L. D. Volkova, Masl.-zhir. prom. 32 no. 5 24-26 My '66.

Processing of edible fats in small capacity combines, V. Zinovchuk, Mias ind. SSSR 38 no. 12 25-26 D '67.

Processing of freshly harvested soybean seeds, V. V. Kluchidkin, L. M. Moiseichenko, Masl.-zhir. prom. 32 no. 5 15-17 My '66.

Proportioning device for filling of tin containers with phosphatides, N. N. Primak, Masl.-zhir. prom. 32 no. 5 42 My '66.

Refining of corn oil in alkali-soap medium, N. A. Kaminskii, D. F. Agayshvili, N. S. Azutunfan, Masl.-zhir. prom. 32 no. 5 38-39 My '66.

Repeated use of cooling water in soap production, B. V. Bolotin, Masl.-zhir. prom. 32 no. 5 13 My '66.

Rose wax and its use in cosmetics, N. T. Novotel'nova and others, Masl.-zhir. prom. 32 no. 5 30 My '66.

Rotary film apparatus for drying of phosphatides, A. G. Sergeev, I. M. Vasilinets, B. N. Kiriyeckii, Masl.-zhir. prom. 32 no. 5 40-42 My '66.

Study of processes occurring during hydration of cotton oil phosphatides and their degreasing by acetone, V. N. Popova, V. P. Rzhikhin, Masl.-zhir. prom. 32 no. 5 12-15 My '66.

665(471.232)—Leningrad City

Seven-year plan of Leningrad perfume producers, E. P. Vinnitskaya, Masl.-zhir. prom. 32 no. 5 35-36 My '66.

665(471.62)—Krasnodar Territory

Automatic unit for weighing liquids on unequal-beam scales, A. A. Zakharenko, Masl.-zhir. prom. 32 no. 5 11-15 My '66.

From the practice of growing seedlings of ocimum menthaefolium at the "Elit" state farm, P. A. Buzinov, A. A. Eksuzian, Masl.-zhir. prom. 32 no. 5 26-27 My '66.

The seven-year plan is fulfilled, G. N. Kasparov, Masl.-zhir. prom. 32 no. 5 33-35 My '66.

665(477)—Ukrainian S. S. R.

Oils and fats industry of the Ukrainian S. S. R. from 1959 to 1965, V. I. Popov, Masl.-zhir. prom. 32 no. 5 31-33 My '66.

665(479.22)—Georgian S. S. R.

From the practice of growing seedlings of ocimum menthaefolium at the "Elit" state farm, P. A. Buzinov, A. A. Eksuzian, Masl.-zhir. prom. 32 no. 5 26-27 My '66.

665(479.24)—Azerbaijani S. S. R.

10th anniversary of the Kirovabad Oils and Fats Combine, N. F. Golubok, Masl.-zhir. prom. 32 no. 5 46-46 My '66.

665(575.1)—Uzbek S. S. R.

From the practice of the oil extracting plant, V. G. Kizikov, I. M. Ismailov, Masl.-zhir. prom. 32 no. 5 36-38 My '66.

665.5 PETROLEUM. MINERAL OIL PROCESSING

Analyzing the errors of stabilization systems for technological parameters on the indices of the optimum production plan of a petroleum refinery, K. A. Andriyev, N. D. Dzhakshannaskii, Za tekhn. prog. 7 no. 10 6-8 O '67.

Analyzing wide fractions of straight-run gasoline up to C₁₆ inclusive by means of gas-liquid chromatography, N. I. Lelova and others, Trudy VNI NP no. 10 16-31 '67.

Arsenometric method for determining the active oxygen of peroxide compounds in spent oils and other petroleum products, P. A. Tsigurov, A. V. Druzhnina, L. G. Litonov, Trudy VNI NP no. 10 220-228 '67.

Automatic AP-2 type sampler with pneumatic driving, A. I. Dolgov, I. A. Nikhman, Neftepr. i neftekhim. 12 33 '67.

Calculating the composition of the products of catalytic thermal cracking of n-paraffins, I. M. Zhoi'ov, G. M. Panchenkov, O. I. Kuznetsov, Trudy MINKHGP no. 69 92-98 '67.

Calculating thermal effects of the processes of the catalytic reforming of gasoline fractions carried out under the pressure of hydrogen, I. M. Zhoi'ov, G. M. Panchenkov, I. A. Tushakina, Trudy MINKHGP no. 71 31-38 '67.

Change in the selectivity of cracking during the coking of an aluminosilicate catalyst, G. M. Panchenkov, M. Z. Levint, M. A. Tamtarov, Trudy MINKHGP no. 69 116-123 '67.

Change of activity during cracking on aluminosilicates, I. M. Kolesnikov and others, Trudy MINKHGP no. 74 97-101 '67.

Chronicle of the development of the Soviet petroleum industry during the last fifty years, Nefteknik 12 no. 12 1, 5, 7, 9, 11, 13, 15 D '67.

Classification of basic capital assets in the petroleum refining industry, O. D. Lukhina, Khim. i tekhn. topl. i masel 12 no. 12 23-25 D '67.

- Chemical analysis of actual problems of occupational pathology in the petrochemical industry. I. I. Geller. *Shoi nauch. trud. Bash. gos. med. inst.* 16 no. 2:18-21 '67.
- Clinical aspects and rate of diseases of the upper respiratory tract in workers of a petroleum refinery. V. A. Kudryavtseva, G. P. Khlebnikova. *Shoi nauch. trud. Bash. gos. med. inst.* 16 no. 2:45-48 '67.
- Contact materials for obtaining α -olefins by dehydrogenation cracking of n-paraffins. IU. M. Zhorov, O. I. Kuznetsov, G. M. Panchenko. *Trudy MINKHIGP* no. 69:82-83 '67.
- Content of six-membered naphthenic hydrocarbons in gasoline fractions of petroleum from the eastern regions. N. F. Zhuravskaya. *Trudy VNI NP* no. 10:63-67 '67.
- Conometric method for determining small bromine amounts. Z. V. Maslennikova, V. P. Muryzhchenko. *Trudy VNI NP* no. 10:88-94 '67.
- Course of experimental tuberculosis in guinea pigs subjected to chronic poisoning with small concentrations of gasoline. G. M. Mukhomorova, G. A. Mikhailova. *Shoi nauch. trud. Bash. gos. med. inst.* 16 no. 2:89-95 '67.
- Critical remarks and propositions, under unrecrystallized control. V. Vinogradova. *Neftianik* 12 no. 12:13-14 '67.
- Cryoscopic method for determining the content of P- and O-oxides in the mixture of aromatic C₉ hydrocarbons. T. V. Zhuravskaya, O. V. Kravchuk. *Trudy VNI NP* no. 10:99-102 '67.
- Degradation of polyisobutylene during the operation of thickened lubricants in a piston reductor. G. I. Kleim. P. P. Zaslavskiy. *Khim. i tekhn. topl. i masel* 12 no. 12:99-102 '67.
- Dehydrogenation of white petroleum products by a filtration method. G. A. Rubnov, L. K. Vasserman, N. V. Zakhraev. *Khim. i tekhn. topl. i masel* 12 no. 12:15-17 '67.
- Demulsification during the process of petroleum flow, and problems of improving the technology of petroleum refining of petroleum. B. F. Gubanov, V. I. Gerasimov. *Neft' khoz.* 15 no. 9:12-16 '67.
- Dependence of properties of surface active substances based on cracked petroleum on its hydrocarbon composition. V. A. Ashimov and others. *Azerb. khim. zhur.* no. 3:62-67 '67.
- Determining aldehydes in petroleum products. T. A. Tsigurova, A. V. Druzhinina, I. G. Efremov. *Trudy VNI NP* no. 10:212-214 '67.
- Determining asphaltene in petroleum and products of its refining. L. A. Sukkova, V. P. Muryzhchenko. *Trudy VNI NP* no. 10:130-136 '67.
- Determining conjugated diene hydrocarbons in olefin fractions of cracked paraffin, and fractions of propylene dimers and trimers. A. I. Riasnianskaya and others. *Trudy VNI NP* no. 10:73-78 '67.
- Determining foreign ash mixtures in fine-grained hydrocarbon materials. A. D. Sudovikov. *Neft' i neftekhim.* 12:18-20 '67.
- Determining molecular weights of heavy petroleum products. A. I. Riasnianskaya, V. P. Muryzhchenko, L. A. Strokina. *Trudy VNI NP* no. 10:116-120 '67.
- Determining the concentration of components on the basis of chromatographic peaks using automatic devices installed in the flows. N. V. Kudryavtseva, A. I. Tarasov. *Trudy VNI NP* no. 10:60-62 '67.
- Determining the content of aldehyde and ketone carbonyl in petroleum products. T. A. Tsigurova, A. V. Druzhinina, I. G. Efremov. *Trudy VNI NP* no. 10:230-236 '67.
- Determining the content of polyisobutylene dissolved in the spindle oil 2. N. V. Martynova. *Trudy VNI NP* no. 10:152-153 '67.
- Determining the p-cresol content of cresol mixtures. IU. I. Turskii, L. A. Barabash, T. S. Lagutkina. *Trudy VNI NP* no. 10:420-425 '67.
- Developing a kinetic mathematical model of platforming for the optimum calculation and control of the industrial process. IU. M. Zhorov and others. *Trudy MINKHIGP* no. 74:11-26 '67.
- Developing the mathematical description of moving-bed catalytic cracking for the optimization of the process. G. M. Panchenko and others. *Trudy MINKHIGP* no. 74:102-107 '67.
- Development of the mathematical description of fluid thermal contact cracking for the optimization of the process. IU. M. Zhorov and others. *Trudy MINKHIGP* no. 74:62-68 '67.
- Distribution of hypertension and atherosclerotic cardiovascular diseases among workers of the petroleum refinery and oil fields of Ishimbay. Z. Sh. Zagladina and others. *Shoi nauch. trud. Bash. gos. med. inst.* 16 no. 2:22-26 '67.
- Effect of carbonaceous residues in destructive processes. M. E. Levintser and others. *Trudy MINKHIGP* no. 69:123-131 '67.
- Effect of pore dimensions of sorbents on effective coefficient values of internal diffusion of the vapors of individual hydrocarbons. G. M. Panchenko, V. A. Skoblo, IU. M. Zhorov. *Trudy MINKHIGP* no. 68:113-150 '67.
- Effect of the speed of gas flow on coke formation on an aluminosilicate catalyst. M. A. Tanatarov, G. M. Panchenko, M. E. Levintser. *Trudy MINKHIGP* no. 69:110-116 '67.
- Effect of the temperature on coke formation on aluminosilicate catalysts. M. A. Tanatarov, M. E. Levintser, G. M. Panchenko. *Trudy MINKHIGP* no. 69:131-137 '67.
- Evaluating the corrosion properties of diesel oils under laboratory conditions. S. I. Sovast'yanov. *Khim. i tekhn. topl. i masel* 12 no. 10:48-52 '67.
- Experience in the exploitation of the MPP-1 machine in a catalytic reforming plant. IU. P. Koptev, M. M. Nikolayev, A. A. Chupinov. *Neft' i neftekhim.* 12:34-39 '67.
- Experimental study of pressure losses due to local resistances occurring in process pipelines. S. A. Abdusattarov, I. A. Zhidakov. *Neft' khoz.* 15 no. 9:64-67 '67.
- Hematological indices in chronic poisoning with petroleum products. Report No. 2. F. S. Khusanova. *Shoi nauch. trud. Bash. gos. med. inst.* 16 no. 2:40-44 '67.
- High-temperature tribology aviation oils and fluids. T. M. Korotkova. *Khim. i tekhn. topl. i masel* 12 no. 10:18-21 '67.
- Highly efficient combustion atmospheric vacuum unit. I. T. Bazarov. *Azerb. neftekh. zhur.* 46 no. 6:34-35 '67.
- Hydrogen requirement in various technological systems for refining sulfuric oils. IU. I. Chernyi, S. I. Feigin. *Khim. i tekhn. topl. i masel* 12 no. 10:30-34 '67.
- Hydrogenation of natural alkylaromatic hydrocarbons from intermediate petroleum fractions. R. M. Agayeva, G. G. Aslanov, M. Z. Shatufalina. *Azerb. khim. zhur.* no. 3:68-70 '67.
- Improving the work of trade-union cultural and educational organizations. L. Matveeva. *Neftianik* 12 no. 12:11-13 '67.
- Increasing the effectiveness of the performance of a sulfuric acid alkylation unit. G. G. Sidorenkov, G. M. Volkov. *Neft' i neftekhim.* 12:29-32 '67.
- Intensification of the deparaffination process for petroleum fraction raffinate. A. P. Chernenin, N. I. Chernozhukov. *Khim. i tekhn. topl. i masel* 12 no. 10:14-17 '67.
- International connections of our trade union develop and get stronger. V. Makel'skiy. *Neftianik* 12 no. 12:14-15 '67.
- Investigating the performance of a platforming unit used for the production of individual aromatic hydrocarbons. P. S. Danilev and others. *Trudy MINKHIGP* no. 74:44-47 '67.
- Laboratory column of continuous precise rectification. I. V. Zhoklovskaya, O. V. Kravchuk. *Trudy VNI NP* no. 10:95-98 '67.
- Indices of the contact dehydrogenation cracking of n-octane. G. M. Panchenko, O. I. Kuznetsov, IU. M. Zhorov. *Trudy MINKHIGP* no. 69:98-105 '67.
- Kinetics of the regeneration of a single catalyst granule in a nonisothermal regime. IU. M. Zhorov, G. M. Panchenko. *Trudy MINKHIGP* no. 71:70-77 '67.
- Mathematical model of the 35/6 type platforming units. IU. M. Zhorov, G. M. Panchenko, B. A. Mashkov. *Trudy MINKHIGP* no. 74:17-22 '67.
- Mechanical properties of high-melting paraffins. T. G. Semanova, N. S. Lisitsyna, A. V. Poplavskaya. *Khim. i tekhn. topl. i masel* 12 no. 10:27-29 '67.
- Memorial banners, rewards for labor. F. Bondareva. *Neftianik* 12 no. 12:6-9 '67.
- Method for determining group hydrocarbon composition of kerosene-gas oil and lube fractions using a binary solvent. Z. V. Diatskaya, N. M. Zhuravskaya. *Trudy VNI NP* no. 10:99-104 '67.
- Method for determining paraffinic and olefinic hydrocarbons of normal structure in gasoline fractions using molecular sieves. E. N. Gutina and others. *Trudy VNI NP* no. 10:12-17 '67.
- Method for studying and separating organosulfur compounds from low-viscosity oils and distillates. A. A. Rozhnitsynskaya, B. B. Krol', N. N. Kucheravskaya. *Trudy VNI NP* no. 10:121-129 '67.
- Method for studying the radiation resistance of hydraulic fluids. IU. V. Zaslavskiy and others. *Trudy VNI NP* no. 10:290-295 '67.
- Methodology for intensified study of petroleum fractions. S. N. Pavlova and others. *Trudy VNI NP* no. 10:3-11 '67.
- Methods for separating and determining the content of normal paraffin hydrocarbons in gasoline fractions using the 5A-type molecular sieves. S. N. Pavlova, Z. V. Diatskaya, M. A. Mikhel'son. *Trudy VNI NP* no. 10:55-59 '67.
- Mixtures of polyphenyl ethers and polyorgano siloxanes. M. Oparina and others. *Khim. i tekhn. topl. i masel* 12 no. 10:22-24 '67.
- Modeling the process of catalytic reforming using the EMU-10 analog computer. A. S. Gerasimov, S. I. Gershtein, B. A. Mashkov. *Trudy MINKHIGP* no. 74:52-58 '67.
- Morphological characteristics of chronic gastritis based on data of gastroduodenoscopy in workers of Novo-Ufimsk Petroleum Refinery and compared with clinical data. M. N. Fridman, E. D. Vidikov. *Shoi nauch. trud. Bash. gos. med. inst.* 16 no. 2:49-54 '67.
- New method for determining the mechanical strength of petroleum coke. V. A. Borzenko and others. *Khim. i tekhn. topl. i masel* 12 no. 12:54-57 '67.
- Obtaining antistatic additives. I. F. Krylov, I. A. Pashchenko, T. P. Vishniakova. *Neft' i neftekhim.* 12:7-10 '67.
- Optimization of the extraction process in selective refining of petroleum distillate oils with phenol. P. M. Nesterov, R. I. Slobodchikova, V. V. Kafarov. *Khim. i tekhn. topl. i masel* 12 no. 10:44-48 '67.
- Our contribution to the development of petrochemistry. M. A. Dahn. *Azerb. khim. zhur.* no. 3:38-47 '67.
- Pathomorphology in poisoning with isopropyl alcohol. G. Z. Bakhtina. *Shoi nauch. trud. Bash. gos. med. inst.* 16 no. 2:96-110 '67.
- Pathomorphology of chronic poisoning with easily gasoline. F. Kh. Shakhmetov. *Shoi nauch. trud. Bash. gos. med. inst.* 16 no. 2:75-88 '67.
- Petrochemistry and new tendencies in the world production of calcium carbide. IU. A. Turanov, G. A. Panchenko. *Khim. i tekhn. topl. i masel* 12 no. 12:57-60 '67.
- Phosphate method for fractional extraction of esters, hydroxy-, and oxo acids as well as phenols from petroleum oils. P. A. Tsigurova, A. V. Druzhinina, I. G. Efremov. *Trudy VNI NP* no. 10:208-211 '67.
- Pipeline transportation of viscous petroleum products and petroleum products. V. I. Gubin, Frants. *Neft' i neftekhim.* 12 no. 11:21-21 '67.
- Preparing for the Sixth Congress of the Trade Union. *Neftianik* 12 no. 12:2-5 '67.
- Processes taking place in fluid thermal contact cracking. Argument underlying the process flow diagram. G. M. Panchenko and others. *Trudy MINKHIGP* no. 74:62 '67.
- Refining lubricants with furfurels. K. V. Kostina. *Khim. i tekhn. topl. i masel* 12 no. 12:60 '67.
- Refining of technological sulfide containing compounds at petroleum refineries. E. G. Gerasimov, V. I. Dmitriyeva. *Khim. i tekhn. topl. i masel* 12 no. 12:18-23 '67.
- Simplified method for determining the mean particle size of powdered catalysts in fraction filter. T. A. 55 no. V. N. Vorob'eva, G. V. Astaf'ev. *Trudy VNI NP* no. 10:107-110 '67.
- Some constructive change in Lufkin-Phawlin's gas chamber. F. Kh. Shakhmetov. *Shoi nauch. trud. Bash. gos. med. inst.* 16 no. 2:186-190 '67.
- Some cytotoxicological indices of leukocytes under the effect of petroleum products. Report No. 1. F. S. Khusanova. *Shoi nauch. trud. Bash. gos. med. inst.* 16 no. 2:35-39 '67.
- Standard method for the motor-testing of lubricants on the MIM-6-MAT unit. S. G. Arshinov, G. P. Belanchikov. *Khim. i tekhn. topl. i masel* 12 no. 12:15 '67.
- Study of the corrosion aggressiveness of water in the water-supply systems of petroleum refineries. A. V. Tomynin, L. A. Skolnikova. *Khim. i tekhn. topl. i masel* 12 no. 10:25-26 '67.
- Study of the hydrate-gas phase equilibrium in paraffin-olefin mixtures containing isobutylene. V. I. Pecher, S. Sh. Byk. *Khim. i tekhn. topl. i masel* 12 no. 10:1-4 '67.
- Study of the wearability of oil additives by photomicrography. S. V. Ventsel', A. G. Tolmacheva. *Khim. i tekhn. topl. i masel* 12 no. 10:52-55 '67.
- Studying the kinetics of the sorption of benzene vapor on an aluminosilicate catalyst. G. M. Panchenko and others. *Trudy MINKHIGP* no. 69:137-143 '67.
- Studying the processes of regeneration of silica gel in the dehumidification of earthenware gas in the Mineralogical Gasoline Plant. F. G. Galimullin and others. *Gaz. khoz.* 12 no. 11:49-51 '67.
- Thermodynamics of the reaction of platforming. G. M. Panchenko, IU. M. Zhorov, A. D. Peishan. *Trudy MINKHIGP* no. 71:26-30 '67.
- Twelfth, communist oil field. R. Shapiro. *Izobrazheniye* no. 10:6-7 '67.
- Use of fluorescent liquid and gas-liquid chromatography for the analysis of C₆-C₉ hydrocarbons in gasoline produced by cracking. S. A. Leonteva and others. *Khim. i tekhn. topl. i masel* 12 no. 10:59-62 '67.
- Using gas chromatography for studying refinery gases and the pentane-amine fraction of catalytically cracked gasoline. N. I. Lulova, A. I. Tarasov, A. K. Fedosin. *Trudy VNI NP* no. 10:79-87 '67.
- Using mathematical description of platforming for its optimum calculation and control. IU. M. Zhorov and others. *Trudy MINKHIGP* no. 74:39-43 '67.
- Using the mathematical description of fluid thermal contact cracking for the calculation of the results of the process. IU. M. Zhorov and others. *Trudy MINKHIGP* no. 74:66-70 '67.
- Visbreaking of flux oil. G. A. Olshchikov, E. V. Iakimov. *Neft' i neftekhim.* 12:1-3 '67.
- Water supply of the City of Salavat. O. A. Smorodintseva, R. S. Enikeeva. *Shoi nauch. trud. Bash. gos. med. inst.* 16 no. 2:111-115 '67.

665.5(433)—Federated Republic of Germany

Petroleum refining industry in the German Federal Republic. Neft' i neftekhim. 12:36-37 '67.

665.5(471.310)—Moscow City

A distinguished refiner. A. Gordina. Neftianik 12 no. 12:24-25 '67.

Indices of awarding bonuses to workers, and the efficiency of production. P. Prosin. Sots. trud. 12 no. 10:39-48 '67.

665.5(471.45)—Volgograd Province

Production of motor oils at the Volgograd Oil Refinery. N. D. Rudenko, P. A. Derezh, B. I. Grinchishin. Khim. i tekhn. topl. i masel 12 no. 10:11-11 '67.

SAD-type base oils from Volgograd petroleum. N. D. Rudenko, P. A. Derezh, B. I. Grinchishin. Neft' i neftekhim. 12:15-18 '67.

- 665.5(471.52)—Bashkir A.S.S.R.
Desalting Arabian petroleum. B. M. Gal'perin and others. Nefteper. i neftekhim. 12-3-7 '67.
Hydrofining aromatized extracts from Ferossene-gas oil fractions of the Arabian petroleum. S. V. Pestrikov and others. Nefteper. i neftekhim. no. 12-10-11 '67.
Materials on blastomogeneity of crude oil of Tuymazy fields. V. A. Zhurav and others. Shoi. nauch. tr. Bash. gos. univ. inst. 16 no. 2 55-61 '65.
Materials on blastomogeneity of distillate of machine oil IS-45 of petroleum of Tuymazy field. M. G. Tolagmova. Shoi. nauch. tr. Bash. gos. univ. inst. 16 no. 2 68-74 '65.
Materials on blastomogeneity of marut of the Tuymazy field petroleum. M. G. Tolagmova. Shoi. nauch. tr. Bash. gos. univ. inst. 16 no. 2 62-67 '65.
- 665.5(471.63)—Stavropol Territory
Obtaining hard oils on the basis of waste products of lubricant production from Stavropol petroleum and a mixture of the Grozny petroleum. R. S. Akhmatova, V. V. Filadnov, T. G. Birlulina. Nefteper. i neftekhim. 12, 21-23 '67.
- 665.5(471.66)—Chechen-Ingush A.S.S.R.
Conferences of future petroleum engineers. L. A. Allahverdian. Vest. vys. shkoly. 25 no. 10 20 '67.
Obtaining hard oils on the basis of waste products of lubricant production from Stavropol petroleum and a mixture of the Grozny petroleum. R. S. Akhmatova, V. V. Filadnov, T. G. Birlulina. Nefteper. i neftekhim. 12, 21-23 '67.
- 665.5(478)—White Russian S.S.R.
In cooperation with an industrial plant. I. Matishkin. Prof. i tekhn. obs. 24 no. 5 7 '67.
- 665.5(477)—Ukrainian S.S.R.
Use of electronic computers in planning for the procurement of petroleum products. V. Besov, I. U. Fimish, P. Molev. Mat. i tekhn. snabz. 2 no. 7 69-75 II '67.
- 665.5(479.24)—Azerbaijan S.S.R.
Contribution of the Institute of the Petrochemical Industry of the Academy of Sciences of Azerbaijan to the development of petroleum refining and the petrochemical industry of the country. V. S. Abov. Akad. khim. zhur. no. 1 48-55 '67.
Operation at a pilot plant of 200 to 300°C fractions of naphtalene of hydrocarbons isolated from petroleum of the Nefityayevskiy Oil Field. B. K. Zernakov and others. Akad. khim. zhur. no. 3 76-79 '67.
- 665.5(575.4)—Turkmen S.S.R.
Characteristics of macromolecular paraffinic petroleum hydrocarbons. S. R. Serghienko, G. M. Kapanov. Izv. AN Turk. SSR, Ser. fiz., tekhn., khim. i geol. nauk no. 5 103-107 '67.
Hydrocarbon composition of Tarah condensate field. S. R. Serghienko and others. Izv. AN Turk. SSR, Ser. fiz., tekhn., khim. i geol. nauk no. 5 91-102 '67.
Organic chemistry and chemistry of Turkmenistan petroleum. S. R. Serghienko. Izv. AN Turk. SSR, Ser. fiz., tekhn., khim. i geol. nauk no. 5 23-36 '67.
- 666 GLASS, CERAMIC, CLAY, ETC. INDUSTRY
Ceramic machinery industry in the U.S.S.R. G. S. Jakovchuk. Stroitel. mash. 12 no. 11-4-7 N '67.
Complex raw materials for household and electrotechnological porcelain. S. K. Komot'skiy, T. V. Evich. Izh. prom., no. 3 27-29 My-Je '66.
Consumption and ways to economize power resources. O. A. Efremov. Stok. i ker., 24 no. 4 36-38 Ap '67.
Electric paramagnetic resonance of Mn^{2+} in borate and silicate glasses. P. I. Abdrashitova, N. R. Iafayev, Fiz. tver. tela 9 no. 11 3172-3174 N '67.
Lapping plunger inserts with synthetic diamond paste. A. S. Volokin. Khim. i nefte. mashinost. no. 10 33-34 O '65.
Methodology for the calculation of the composition of the layers of porcelain masses. D. M. Abramovych. Izh. prom., no. 3 52-53 My-Je '66.
Porcelain for the chemical industry. M. N. Syvchikova, H. H. Sarkisov, H. V. Urichenko. Izh. prom., no. 3 22-25 My-Je '66.
Structure of the mass after the filtration of porcelain suspension. M. S. Kom'ska, P. E. Nalhas. Izh. prom., no. 3 19-22 My-Je '66.
Study of the final stages of glue setting. L. V. Sergeev and others. Vysokom. soed. Ser. A 9 no. 8 1776-1781 Ag '67.
Use of hard porcelain in light and other branches of industry. Z. P. Sen', V. M. Groshova, H. H. Sarkisov. Izh. prom., no. 3 25-27 My-Je '66.
- 666(477)—Ukrainian S.S.R.
Planning for the transportation of concretes and mortars. G. Anapol'skiy, G. Grinfeld, Ekon. stroit. 9 no. 8 62-63 S '67.
- 666.1 GLASS INDUSTRY AND TECHNOLOGY
All-Union seminar on the introduction of new window glass packing containers. A. D. Salan. Stok. i ker. 24 no. 1 47 Ap '67.
Calculation of their final stresses in products after drawing. M. I. Rogovoi, A. A. Vuklotskiy, I. P. Rublevskiy. Stroitel. mat. 13 no. 10 19-31 O '67.
Effect of two alkalies in fused silicate glasses. Part I. K. A. Kostanian, T. A. Erzhikyan, F. M. Avetisyan. Arm. khim. zhur. 20 no. 8 592-600 '67.
Electric conductivity of nitrate-beryllium fluoride. G. T. Petrovskiy, B. S. Kondratyeva. Izv. AN SSSR, Neorg. mat. 3 no. 10 19-10-1941 O '67.
Electric conductivity of cerium-containing glasses. E. I. Galant, V. A. Tsikhomskiy. Izv. AN SSSR, Neorg. mat. 3 no. 10 1953-1955 O '67.
Glass strength following low-temperature ion exchange. V. B. Baidovskiy, V. A. Zilchikov, A. V. Baidyeva. Stok. i ker. 24 no. 1 11-13 Ap '67.
Glass strength under hydrothermal effect. S. I. Silvestrovich and others. Stok. i ker. 24 no. 1 11-16 Ap '67.
Heat resistance of crystallizing glass in relation to the deposition of small crystals of "dangerous" sizes. O. A. Troitskiy, L. G. Mustrenko. Izv. AN SSSR, Neorg. mat. 3 no. 10 1956-1957 O '67.
Ion exchange in the system glass - fused salt. F. V. Petriakova, V. V. Moiseev. Izv. AN SSSR, Neorg. mat. 3 no. 10 1916-1920 O '67.
Machine for fitting stoppers for laboratory jars. H. A. Makarov, B. I. Likh. Izh. inform. Gos. nauch. iissl. inst. nauch. i tekhn. inform. 20 no. 11 19-20 N '67.
Mechanized packing of glass. M. D. Muravleva. Stok. i ker. 24 no. 4 16 Ap '67.
Method of evaluating the amount of defects critical for their effect on glass strength. O. A. Troitskiy. Stok. i ker. 24 no. 1 8-10 Ap '67.
Pilot-plant equipment for drying and cooling sand in a falling layer. I. U. Morozov and others. Stok. i ker. 24 no. 4 17-19 Ap '67.
Plant operating under conditions of the new system of planning and economic stimulation. V. G. Polikov, I. P. Babkova. Stok. i ker. 24 no. 4 41-44 Ap '67.
Protecting silicate glass surfaces with organosilicon compounds. V. A. Rukhov and others. Stok. i ker. 24 no. 4 4-8 Ap '67.
Quartzite fiber texture dependence on the chemical composition of initial basal glasses. M. S. Aslanova and others. Izv. AN SSSR, Neorg. mat. 3 no. 10 1803-1807 O '67.
Some types of equipment for producing articles from glass-reinforced plastics. A. V. Oleinik. Khim. i nefte. mashinost. no. 11 31-36 N '67.
Strength and chemical composition of glasses. M. S. Aslanova. Stok. i ker. 24 no. 1 1-4 Ap '67.
Strength and structure of glass crystal silicate materials. S. G. Tretyakovskiy. Izv. AN SSSR, Neorg. mat. 3 no. 10 1777-1781 O '67.
Structure and properties of alkali silicate glasses containing two different alkaline oxides. V. K. Leko. Izv. AN SSSR, Neorg. mat. 3 no. 10 1888-1891 O '67.
Structure and properties of metastable quartzite phases in pyrocerams of the systems $SiO_2 - Al_2O_3 - MgO - TiO_2$. R. I. A. Khodakovskiy, N. M. Pavlushkin. Izv. AN SSSR, Neorg. mat. 3 no. 10 1906-1915 O '67.
Study of porous glass sintering by the method of scattering of X-rays at small angles. N. S. Andreev, T. I. Ershova. Izv. AN SSSR, Neorg. mat. 3 no. 10 1898-1892 O '67.
Studying the process of producing extremely fine staple glass fibers. V. N. Balashov, I. A. Shol'nikov. Stok. i ker. 24 no. 1 10-22 Ap '67.
Using improved KRSP-3 regulators in glass fiber plants. N. N. Drovosov and others. Stok. i ker. 24 no. 4 33-35 Ap '67.
Vitroplasty of Karakhtan, a raw material for obtaining a high-quality chemically stable glass. S. T. Suteimov, M. Sh. Shafiev, T. A. Abdullayev. Trudy Inst. geol. nauk AN Kazakh, SSR 24 158-169 '67.
- 666.1(474.2)—Estonian S.S.R.
Roosma, Maks. [Hull glassworks in Ilumaa; some features of glass manufacture in Estonia in the 17th century]. Hull klaaskoda Ilumaal, joomi klaasmanufakturit tegevusest Eestis XVII sajandil. Tallinn, Kunst, 1966, 117 p. [In Estonian].
- 666.1(575.1)—Uzbek S.S.R.
Beneficiation of Angren kaolin for ceramics production. A. K. Kurovlev and others. Stok. i ker. 24 no. 4 20-33 Ap '67.
- 666.2 ENAMELS AND GLAZES
Use of synthetic diamonds in the national economy of the U.S.S.R. V. M. Zubkov, R. A. Grinberg. B. Izh. tekhn., ekon. inform. Gos. nauch. iissl. inst. nauch. i tekhn. inform. 20 no. 11 8-10 N '67.
- 666.3 CLAY AND CERAMIC WARE
Electric conductivity of boron nitride ceramics. D. N. Potubolarinov, N. V. Shishkov, I. G. Kuznetsova. Izv. AN SSSR, Neorg. mat. 3 no. 10 1828-1834 O '67.
Replacing feldspar in porcelain bodies by crystallizing glass. A. I. Avgustinik, I. T. Sintsov. Stok. i ker. 24 no. 4 22-25 Ap '67.
- Studying temperature and viscosity problems of low melting, sealing clays. P. P. Budnikov, E. A. Kolesnikov. Stok. i ker. 24 no. 1 25-28 Ap '67.
Tungsten coatings on porcelain and iron. V. N. Maskevich, N. S. Gorbanov, K. N. Anisimov. Dokl. AN SSSR 176 no. 1 101-102 S-O '67.
Use of aluminum oxide in electroceramic and radioelectric materials. P. P. Budnikov, G. N. Maslennikova. Izv. AN SSSR, Neorg. mat. 3 no. 10 1862-1869 O '67.
- 666.3(471.314)—Vladimir Province
Gus' Klastal'nyi plant. I. A. Fyodorovskiy. Stok. i ker. 24 no. 1 38-40 Ap '67.
- 666.7 HEAVY CLAYWARE AND REFRACTORIES
Automatic line in the production of brick. V. I. Minin and others. Stroitel. mat. 13 no. 10 12-13 O '67.
What effect the issuing of bonuses has on the economics of production. I. S. Vorozov. Sots. trud. 12 no. 10 56-59 O '67.
- 666.7(471.61)—Rostov Province
Increasing labor productivity. F. A. Badashov. Stroitel. mat. 13 no. 10 22 O '67.
- 666.7(476)—White Russian S.S.R.
Big step forward in mechanized brick production. M. M. Naumov. Stroitel. mat. 13 no. 10 8-10 O '67.
- 666.7(477)—Ukrainian S.S.R.
Business accounting of workshops and material incentives. V. Sazhin. Sots. trud. 12 no. 10 54-55 O '67.
- 666.7(574)—Kazakh S.S.R.
First step, and achievements of the Scientific Organization of Labor at the Karaganda Brick Plant. V. S. Pumanov. Stroitel. mat. 13 no. 10 22-23 O '67.
- 666.8 GYPSUM AND OTHER PLASTERS
Mastering the molding gypsum technology. I. A. Vukhtov, N. I. Konekova. Stroitel. mat. 13 no. 10 20-21 O '67.
Some problems of the technology of molding gypsum. P. I. Gerasimovskiy, Z. A. Sakhno. Shoi. tr. VNIISTROM no. 8 172-174 '66.
- 666.8(477)—Ukrainian S.S.R.
A century and a half in the existence of the Artemovsk Gypsum Combine. I. A. Mashin. Stroitel. mat. 13 no. 10 1-5 O '67.
- 666.9 LIME, CEMENT, MORTAR, CONCRETE
Air impermeability of cementless gas-ash slag concrete. A. V. Sidorova. Shoi. tr. VNIISTROM no. 8 126-130 '66.
Binding materials made from carbonic sands of the Caspian Sea Region. Kh. S. Vorob'ev, P. O. Kurbatov, Shoi. tr. VNIISTROM no. 8 163-171 '66.
[Collection of articles on Russian inventions for the cement industry; review] Sbornik otechestvennykh izobretenii po tsementnoi promyshlennosti; obzor Moskva, 1966, 98 p.
Conference and symposium of the International Union of Testing and Research Laboratories for Materials and Structures on lightweight concretes in Budapest. N. A. Kornev, Z. M. Lavronova. Stroitel. mat. 13 no. 10 36 O '67.
Consolidation of reinforcement in gypsum cement puzolon concretes in livestock buildings. P. I. Gerasimovskiy, N. I. Skvortsova. Shoi. tr. VNIISTROM no. 8 100-107 '66.
Durability and deformability of high-strength concrete under compression. I. I. Draichik, R. V. Popov. Shoi. tr. VNIISTROM no. 8 188-205 '66.
Effect of dispersity of silica component on the phase composition of new formations during the hydrothermal processing of lime silica materials. N. K. Sudina, S. A. Krzheminskii, A. N. Sidorova. Shoi. tr. VNIISTROM no. 8 27-43 '66.
Effect of freezing temperatures on the hardening of concrete and its final strength. S. N. Kozlov, V. N. Makar'sev. Shoi. tr. VNIISTROM no. 8 138-149 '66.
Effect of some technological factors on the structure and characteristics of porous concrete. D. G. Zemtsov, B. B. Kryzhanovskiy. Shoi. tr. VNIISTROM no. 8 51-60 '66.
Fine-grained aerated concretes made from pulverized ashes of Voiga Valley shales. A. M. Sergeev, M. S. Shvartsaid. Shoi. tr. VNIISTROM no. 8 87-94 '66.
Gas lime made from barkhan sands of the Kara Kum. P. M. Zil'farbar, M. V. Borodianskaya. Shoi. tr. VNIISTROM no. 8 61-68 '66.
Initiative and bonuses. V. Potirayev. Sots. trud. 12 no. 10 49-51 O '67.
- Kunno, G. I. A. [Technology of vibrated concrete]. Vibratsionnaya tekhnologiya betona. Leningrad, Stroizdat, 1967, 167 p.
- Makhovich, A. T. [Safety manual for workers exposed to vibration when operating equipment]. Pamiatka po tekhnike bezopasnosti dlia rabochikh, podvergnutskh vibratsii pri obsluzhivani i obrabotke. Izd. 3. Moskva, Stroizdat, 1967, 23 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

Effect of the temperature of calcination in a vacuum on the texture and dispersibility of rutile. A. A. Ishikhan, I. A. F. Manko. *Lakokr. mat. i kh. prim.* no. 4, 28-30 '67.

Microchemical method for the alcoholysis of triglycerides or fatty acids with polyhydric alcohols. M. M. Fil'ovich, K. M. Goldberg. *Lakokr. mat. i kh. prim.* no. 4, 6-9 '67.

Form paints containing no solvents. S. A. Dinnberg, A. M. Kovalenko, A. V. Sheshukov. *Lakokr. mat. i kh. prim.* no. 4, 13-15 '67.

Equipment for powered brushing and coating of ingot molds. L. N. Gorodetski. *Metallurg* 12 no. 6, 22-24 '67.

Heat resistant varnishes from terephthalic acid polyesters for wire enameling. M. P. Sorokin, Z. A. Kochnova, B. N. Grabin. *Lakokr. mat. i kh. prim.* no. 4, 1-5 '67.

Improving the switch-on schematic of the yarn-dyeing 10-10 apparatus. V. I. Litsov. *Leh. prom.* no. 5, 52-53 '66.

Mechanism of the etching effect of the brand PF-218 noncombustible ship paints. N. I. Levit, E. S. Gurevich. *Lakokr. mat. i kh. prim.* no. 1, 55-57 '67.

Methodology for measuring the speeds necessary for removing coatings with a pneumatic adhesion meter. I. N. Aleinova, R. A. Davletshin, I. P. Toporov. *Lakokr. mat. i kh. prim.* no. 1, 64-66 '67.

Mukhatova, G. N. [Coloring matter in products of the sugar industry]. *Krasnashch. veshchestva v produktakh sakharного proizvodstva*. Moskva, 1967. 24 p.

Naphthol sulfonamides as azo components for the production of non-soluble azo dyes for capron. V. N. Khusov, I. A. Dugadyma. *Izv. vuz. ucheb. zav. tekhn. tekhn. prom.* no. 5, 100-104 '65.

Nature of the enzyme inhibition by basic dyes. N. V. Tishchenko, A. D. Braun. *Tsitologiya* 9 no. 9, 1141-1150 '67.

New tropics-resistant coatings for superstructures and above-water sides of seagoing ships. V. A. Beisstein, S. T. Tsodkova, E. S. Ryt. *Inform. sbor. TSNIMF* no. 155. *Tekhn. ekspl. mater. i kh. prim.* no. 49, 3-11 '67.

Patterned coloring of knit fabrics on printing machines. H. O. Stuketskiy. *Leh. prom.* no. 3, 16-17. *My-Je* '66.

Plasticized powdered compounds and coatings based on polyvinyl chloride. D. F. Zigmund, A. D. Iakovlev. *Lakokr. mat. i kh. prim.* no. 1, 52-53 '67.

Powdered polymeric materials and coatings produced from them. A. D. Iakovlev, Lakokr. mat. i kh. prim. no. 4, 93-94 '67.

Some problems concerning fire hazards in the use of electric paint sprayers. B. V. Vikhorev. *Lakokr. mat. i kh. prim.* no. 4, 82-83 '67.

Study of the oxidizing - restoring and dyeing properties of vat dyes used for protein fibers. L. M. Golomb, G. V. Shatimova. *Izv. vuz. ucheb. zav. tekhn. tekhn. prom.* no. 5, 105-109 '65.

Studying the process of the mosol dyeing of fabrics made from polyamide fibers with acid dyes. S. L. Zennina, M. I. Korzhagin. *Izv. vuz. ucheb. zav. tekhn. tekhn. prom.* no. 5, 104-108 '67.

Studying the structural and mechanical properties of titanium dioxide water dispersions. E. M. Aleksandrova, M. G. Sakharova, V. L. Mafsunova. *Lakokr. mat. i kh. prim.* no. 4, 58-61 '67.

Ways to increase the effectiveness of pneumatic paint sprayers. P. G. Giam, V. A. Gorbushev. *Lakokr. mat. i kh. prim.* no. 4, 72-74 '67.

668 VARIOUS ORGANIC CHEMICAL INDUSTRIES

Chemical composition of soluble resins of various origins. L. V. Kromina, D. V. Tishchenko. *Gidroliz. i lesokhim. prom.* no. 18, 70-112 '65.

Chemical nature of agar and agaroid. V. A. Evtushenko, M. A. Antonova, G. V. Makhova. *Zhur. prikl. khim.* no. 8, 1767-1773. Ag '67.

Chromatographic behavior of pentaveresols and methyl-pentaveresols. E. I. Vdovtsova, T. T. Goryunova, I. V. Ol'pert. *Uzb. khim. zhur.* no. 11, 530-33 '67.

Complex formation of copper, zinc, palladium with N-methylanabasine- α -azo azotol. I. A. (MAAZ-KhA). R. Kh. Shabanova, S. E. Polipskaia, Sh. T. Talipov. *Trudy Tash GU* no. 288, 90-94 '67.

Complex formation of copper, zinc, palladium, cadmium with N-methylanabasine- α -azo-azotol. I. A. (MAAZ-KhA). Sh. T. Talipov, R. Kh. Shabanova, S. E. Polipskaia. *Trudy Tash GU* no. 288, 95-99 '67.

Complexometric titration of nickel in the presence of N-methylanabasine- α -azo- α -naphthol as indicator. T. B. Amurkhanova, I. A. Ivanova, V. S. Podgoranova. *Trudy Tash GU* no. 288, 106-108 '67.

Controlling the process of turpentine rectification. B. V. Ermolov. *Gidroliz. i lesokhim. prom.* no. 18, 7-11 '65.

Distillation of acid resins and their products. Report No. 3. A. N. Bagrov. *Gidroliz. i lesokhim. prom.* no. 18, 7-13 '65.

Fractionation of α -casein with acetate buffer. Sh. G. Gonashvili. *Prikl. biokhim. i mikrobiol.* 3 no. 6, 720-730 '67.

In the department of hydrolysis and wood chemistry products. *Gidroliz. i lesokhim. prom.* no. 18, 7-31 '65.

Investigating wear resistance of bearing-pair parts coated with a glue composition. N. A. Nazarov, B. D. Kuliev. *Za tekhn. prog.* 7 no. 10, 31-34 '67.

Liquid detergents based on alkylsulfates of unsaponifiable-II. Report No. 4. G. I. M. K. V. Volkova. *Mash. zh. prom.* no. 5, 14-16 '67.

N-methylanabasine- α -azo- α -naphthol as a reagent for determining cadmium. T. B. Amurkhanova, V. S. Podgoranova, I. P. Shestereva. *Trudy Tash GU* no. 288, 100-115 '67.

New organic dyes on anabasine basis. G. I. P. R. Kh. Shabanova, Sh. T. Talipov. *Trudy Tash GU* no. 288, 87-89 '67.

Photometric determination of cobalt by means of N-methylanabasine- α -azo- α -naphthol. T. B. Amurkhanova, V. S. Podgoranova, I. P. Shestereva. *Trudy Tash GU* no. 288, 116-120 '67.

Photometric determination of palladium by means of N-methylanabasine- α -azo- α -naphthol. T. B. Amurkhanova, V. S. Podgoranova, I. P. Shestereva. *Trudy Tash GU* no. 288, 100-105 '67.

Production of tar at the Slava Wool Chemical Plant. V. V. Osipova, N. D. Kuznetsov. *Gidroliz. i lesokhim. prom.* no. 18, 8-26 '65.

Spectrophotometric determination of pE with pE 5-5 and alkaline sulfate lignite and the method. G. B. Shitova, V. M. Nikitin. *Zhur. prikl. khim.* no. 8, 1011-1019. Ag '67.

Study of substances contained in essential oils. No. 25. Study of the terpene part of compounds of Hymenolyma trichophyllum (Sicily). G. B. Shitova, G. I. M. K. V. Volkova and others. *Trudy Inst. khim. nauk AN SSSR* 10, 99-102 '67.

Study of the properties of pentaveresols of various sizes. L. I. Budyshova, G. V. Shatimova. *Izv. vuz. ucheb. zav. tekhn. tekhn. prom.* no. 5, 111-115 '65.

Trans-impregnated wood tapping of a low yield. B. N. Dvinskii, G. G. Romanovskii. *Gidroliz. i lesokhim. prom.* no. 18, 7-10 '65.

Transportation of rubber adhesive and tubing pipeline. V. S. Fokov, Kuch. *Izv. vuz. ucheb. zav. tekhn. tekhn. prom.* no. 5, 114-116 '65.

Quality of essential oils from Mentha piperita and other processing techniques. H. B. Shitova and others. *Trudy Inst. khim. nauk AN SSSR* 10, 98-98 '67.

668(477)—Ukrainian S. S. R.

Pine tapping with sulfuric acid in the Ukr. S. S. R. S. I. Babitskii. *Gidroliz. i lesokhim. prom.* no. 18, 20-21 '65.

668(477, 88)—Transcarpathian

Wood chemicals production Transcarpathian. Film. *Gidroliz. i lesokhim. prom.* no. 18, 14 '67.

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The American Society for Metals and its publications and bibliographical work. G. V. Gerasimov. *Trudy Tash GU* no. 4, 17-18 '66.

Behavior of high-basically sinters in the process of reduction smelting. L. I. Ikonnikov, V. A. Bityukov. *Inst. met.* no. 13, 10-12 '66.

Changes in the structure of sinters in the reduction process. T. V. Sazonchikova, S. V. Shvachina, A. A. Chentsov. *Trudy Inst. met.* no. 13, 6-6 '66.

Characteristics of the aluminum-silicate refractory hard oxides. L. M. Buzakov, A. B. Dubrovskii, V. I. Kuznetsov. *Trudy prikl. met.* no. 8, 6-9 '66.

Crystallization of metals in suspension. A. A. Bityukov, P. I. Ikonnikov. *Inst. met.* no. 13, 11-12 '66.

Effect of the nature of a metal hydroxide on the reduction of indium from alkaline solutions. V. I. Ikonnikov, F. G. Ghibova. *Izv. AN Kazakh SSR, Ser. Khim. i fiz. nauk* no. 2, 61-65. M-3p '67.

Electrochemical refining of metals by the method. L. F. Kovin and others. *Trudy Inst. khim. nauk AN Kazakh SSR* 18, 10-74 '67.

Falling heat flow as index of the heat effect and exchange in furnace. A. I. Chernogolov. *Trudy Inst. met.* no. 13, 112-114 '66.

Heating a two-component charge with finite heat conductivity in a counterflow of gas. H. G. Pavlov, V. S. Shvachina, P. B. Shkhar. *Izv. vuz. ucheb. zav. tekhn. tekhn. prom.* no. 10, 10, 102-109 '67.

Higher metallurgical education in the U.S.S.R. in 50 years. P. I. Polukhin. *Izv. vuz. ucheb. zav. tekhn. tekhn. prom.* no. 10, 10, 18-20 '67.

Intermetallic compounds as a new base for materials. I. I. Kornilov. *Metallurg. i khim. met.* no. 11, 3-12 '67.

Krivandin, V. A., and B. L. Markov. [Metallurgy of furnaces]. *Metallurgicheskoe pech. Pribl. i ustroystva*. V. A. Krivandin. [Moskva] Metallurgiya, 1967. 62 p.

Macroeconomics of metal refining with modern processes. V. I. Lakomskii. *Fiz. i khim. khim. i met.* no. 4, 57-62. Ji-Ag '67.

Mechanism of the interaction of solid metal with carbon. V. P. Elutin, R. A. Pavlov, S. I. Shvachina. *Izv. vuz. ucheb. zav. tekhn. tekhn. prom.* no. 10, 10, 84-87 '67.

[Metallurgy] Ref. zhur. Met. no. 11 '67.

Modern trends in the development of precision metallurgy. B. V. Molotov, O. P. Elutin. *Metallurg. i khim. met.* no. 11, 17-21 '67.

Plants and the computing technique. S. M. Dubrovskii, A. A. Ivanenko. *Metallurg* 12 no. 6, 74-77. Je '67.

- Second Ukrainian Conference on the Ordering of Atoms and Its Effect on the Properties of Alloys. V. I. Ryzhkov, K. P. Rhaboshapka, A. A. Smirnov. Ukr. fiz. zhur. 12 no. 7:1222-1227 J1 '67.
- Struggle for the development of metallurgy in the first five-year plan. D. P. Poklad. Ukr. fiz. zhur. 12 no. 103-106 Ag '67.
- Studies in the kinetics of electrode processes on amalgam electrodes. L. F. Kozin and others. Trudy Inst. khim. nauk AN Kazakh SSR 10 75-86 '67.
- Studying the coprecipitation of phosphate ions with certain metal hydroxides. V. I. Plotnikov, V. L. Kochetkov. Izv. AN Kazakh SSR, fiz.-mat. nauk no. 2 57-60 Mr.-Ap '67.
- Studying the effect of the nature of a metal hydroxide on the sorption of selenite ions. V. I. Plotnikov, V. L. Kochetkov. Izv. AN Kazakh SSR Ser. fiz.-mat. nauk no. 2, 66-70 Mr.-Ap '67.
- Studying the sorption capacity of the hydroxides of some rare earth elements as compared to selenite ions. V. I. Plotnikov, V. L. Kochetkov, V. P. Chirbaeva. Izv. AN Kazakh SSR, Ser. fiz.-mat. nauk no. 2, 71-76 Mr.-Ap '67.
- Theory of ordering ternary alloys with a body-centered cubic lattice and three types of points. Part I. V. P. Fadim and others. Izv. vys. ucheb. zav., fiz. 10 no. 9 25-33 '67.
- 669.017 PHYSICAL METALLURGY**
- Céler, IU. A., G. I. Pogodin-Alekseev, and A. G. Rakhshadt. [Physical metallurgy; methods of analysis, laboratory research and problems] Metallovedenie, metody analiza, laboratornye raboty i zadachi. Izd. 3, perep. Moskva, Metallurgizdat, 1967. 403 p.
- 669.046 HEATING PROCESSES**
- Analyzing heat processes in blast furnaces of the Magnitogorsk Metallurgical Combine following the adoption of natural gas. A. N. Chiriatin and others. Teor. i prak. met. no. 8 28-29 '66.
- Neustruev, A. A., and G. L. Khodorovskii. [Vacuum, fused-material-lined furnaces] Vakuunnyye gar'nizatsionnye pechi. Moskva, Metallurgizdat, 1967. 271 p.
- Studying physical properties of blast furnace slags in smelting with Bakal deposit siderites. Teor. i prak. met. no. 8 29-27 '66.
- 669.1 FERROUS METALS. IRON. STEEL**
- Andic dissolution of iron in the presence of organic chromates. I. L. Rosenfeld, A. I. Khanidulin, V. P. Persianskaya. Zashch. met. 3 no. 6:678-684 N-D '67.
- Automatic pyrometers and thermocouples for the control of blast furnace course. S. L. Iaroshovskii and others. Metallurg 12 no. 6:2-6 Je '67.
- Automation of industrial processes in ferrous metallurgy. V. A. Gerasimenko. Metallurg 12 no. 6:1-2 Je '67.
- A characteristic of the curve of iron extension following strain aging. M. S. Blanton, V. N. Maichenko, L. V. Metashop. Fiz. met. i metalloved. 24 no. 1 764-765 O '67.
- Controlling thermal conditions of blast furnace bottoms. V. S. Kochko, G. A. Polianskii. Metallurg 12 no. 6:6-7 Je '67.
- Developments in the production of high-speed steels during the last 50 years. IU. A. Geller. Metalloved. i term. obr. met. no. 11:12-17 N '67.
- Effect of annealing on internal friction in pure iron. A. G. Miloslavskii. Fiz. met. i metalloved. 24 no. 4 755-757 O '67.
- Engineers specializing in the study of metallurgical processes. V. A. Gligorian. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 30-34 '67.
- Expanding the automation of processes of ferrous metallurgy. P. M. Maslovskii. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 171-177 '67.
- Experience in improving production control. V. A. Minenko. Stal' 27 no. 11:1048-1050 N '67.
- Fifty years of ferrous metallurgy in the U.S.S.R. L. E. Lukich. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 11-17 '67.
- Hardening steel with a martensite structure. M. L. Ekmshstein, R. I. Evlin. Metalloved. i term. obr. met. no. 11:35-43 N '67.
- Kinetics of processes causing the corrosion of iron in sulfuric acid solutions. L. I. Antropov, IU. A. Savgira. Zashch. met. 3 no. 6:685-691 N-D '67.
- Magnitogorsk Mining and Metallurgical Institute at the 50th anniversary of October. N. E. Skokhodov. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 59-63 '67.
- Mechanization of operations of high-capacity blast furnaces. G. V. Tonkonog and others. Metallurg 12 no. 6: 8-11 Je '67.
- Ore supply center for ferrous metallurgy. G. B. Chernyshev. Razved. i okh. nedr. 33 nos. 10/11 24-31 O-N '67.
- Physicochemical state of hematite in iron scale. V. I. Arkharov, E. V. Agapova. Fiz. met. i metalloved. 24 no. 4:759-761 O '67.
- Pilot equipment for iron reduction in a fluidized bed. A. A. Sigov and others. Porosh. met. 7 no. 12:15-18 P '67.
- Removal of sulfur in the direct production of iron from pyrite. G. B. Shakhmatkinskii, E. T. Arizov. Azerb. khim. zhur. no. 4:34-38 '67.
- Results of the all-Union public inspection related to the fulfillment of the plan in scientific research and in introducing scientific and technical achievements into the national economy in 1966. A. F. Kablukovskii. Stal' 27 no. 11:1060-1061 N '67.
- Scientific achievements in the field of ferrous metallurgy. V. I. Iavovskii and others. Izv. vys. ucheb. zav. Chern. met. 10 no. 10 35-43 '67.
- Structure formation in a rimmed steel ingot. A. D. Kramarov. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 81-85 '67.
- Use of computing technique in blast furnace practices. R. M. Zhai. Metallurg 12 no. 6:13-14 Je '67.
- [Ways of improving the quality of metals] Puti povysheniia kachestva metall. Donetsk, "Donbass," 1966. 98 p.
- 669.1(471.1)—Northern R. S. F. S. R.**
- Reliability criteria applicable to the pipe for overground gas pipelines of the Far North. M. P. Anuchkin, M. N. Georgiev, V. A. Bogataeva. Trudy MINKHIGP no. 70 21-27 '67.
- 669.1(471.5)—Ural regions**
- Results of investigations relative to rock displacements in iron ore deposits of the Urals. M. I. Chernyshev, G. P. Semenov. Sb. VNIIM no. 62 311-313 '66.
- 669.1(471.54)—Sverdlovsk Province**
- Incentives for engineering and technical workers and employees. V. St. univ. V. Kavtrev. Sots. iud. 12 no. 10 55-58 O '67.
- 669.1(477)—Ukrainian S. S. R.**
- Construction projects are completed ahead of schedule. S. Makhmurian. Ekon. stroi. 9 no. 6 29-31 S '67.
- Disseminating progressive work methods among all workers. V. Khollavko. Sots. iud. 12 no. 11 139-140 N '67.
- Experience of party organizations of the Donets Basin in mass political work among steelworkers, 1959-1961. I. N. Bikanov. Nauk. pratsi z i. i. KPRS no. 8 119-127 '66.
- Introducing progressive norms in production is the main objective. M. Reznikov. Sots. iud. 12 no. 10 129-131 O '67.
- Tereshchenko, M. O., and others. [Ferrous metallurgy in the Ukrainian S. S. R. at a new stage, 1966-1970] Chorna metallurgiya URSR na novomu etapi (1966-1970 r.) [Kyiv, Tekhnika, 1967] 117 p.
- 669.1(571)—Asiatic R. S. S.**
- Application of mathematical methods in studying the process of the distribution of the ferrous metallurgy of Siberia. Z. R. Tshindina, T. Ia. Serzhchenko. Izv. SO AN SSSR Ser. obshchestv. nauk no. 6 23-30 My '67.
- 669.1(571.17)—Kemerovo Province**
- How to improve the procurement of an enterprise. E. Kogon. Mat.-tekhn. snabz. 2 no. 9 18-21 S '67.
- 669.13 CAST IRON**
- Analysis of residual stresses and deformations of cast-iron machine-tool parts. O. IU. Katalubinskii, S. A. Shevchuk. Stan. i inst. 38 no. 11 35-37 N '67.
- Determining the strength and plasticity of cast iron with spheroidal graphite in crankshaft castings by their hardness. A. I. Tolstov and others. Lit. proizv. no. 3 40-41 Mr '67.
- Effect of compression on the characteristics of cast-iron crystallization. G. D. Novruzov, N. G. Kasumzade. Za tekhn. prog. 7 no. 8 30-31 Ag '67.
- Effect of tungsten on the graphitization of cast iron. K. P. Bunin, I. E. Lev. A. K. Repin. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 149-151 '67.
- How to select cast iron. S. Reshed'ko. Izob. i rats. no. 10:30 O '61.
- Interaction between silicate melt and liquid cast-iron saturated by carbon. L. N. Sheludjakov, P. A. Kos'jakov. Trudy Inst. khim. nauk AN Kazakh SSR 18 110-119 '67.
- Nonmetallic inclusions in magnesium cast iron made in chill molds. E. B. Shitman. Lit. proizv. no. 3 29-30 Mr '67.
- Thermal expansion of the mold material as one the reasons for the push linkage expansion of castings. V. R. Balinskii, V. P. Chernobrovkin. Lit. proizv. no. 3 18-19 Mr '67.
- 669.14 STEEL**
- Certain regularities of texturization of transformer steel. V. Ia. Gol'dshein and others. Teor. i prak. met. no. 8:185-196 '66.
- Changes in the crystallization of steel ingots and their connection with chemical heterogeneity. A. G. Tshpunov, IU. D. Smirnov. Teor. i prak. met. no. 8: 40-48 '66.
- Chukmasov, S. F., and others. [Packaging steel scrap] Pakirovanie stal'nogo loma. Kiev, Tekhnika, 1967. 137 p.
- Comparative study of high-strength steels for welded structures. E. A. Klausting. Stal' 27 no. 11:1034-1036 N '67.
- Corrosion of steel in water under a protective plastic coating. IU. E. Lobanov. Zashch. met. 3 no. 6:747-749 N-D '67.
- Defects in deformed austenite in the γ -phase. I. N. Bogachev and others. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 140-141 '67.
- Distribution of alloying elements in the phases of OKh21N5T steel. G. V. Sergeeva, N. N. Khakhlova. Metalloved. i term. obr. met. no. 11 75-76 N '67.
- Distribution of nonmetallic inclusions in an ingot of ball-bearing steel made with vacuum arc refining. D. P. Dolinin and others. Teor. i prak. met. no. 8 197-203 '66.
- Effect of chemical composition on mechanical properties of pipe steel 36G2S subjected to heat treatment. A. M. Dzhalalov. Za tekhn. prog. 7 no. 10 23-24 O '67.
- Effect of induced radioactivity in steel 45 on the protective action of certain inhibitors during its dissolution in sulfuric acid. S. A. Balezin, N. Ia. Iaptev, V. I. Spitsyn. Zashch. met. 3 no. 6 742-744 N-D '67.
- Effect of initial structure on transformations in high-carbon steels during heating. E. A. Smol'nikov. Metalloved. i term. obr. met. no. 11 51-58 N '67.
- Effect of the forging reduction ratio on the anisotropy of the properties of large steel forgings. M. P. Braun, B. B. Vinokur. Fiz. i khim. obr. met. no. 1:134-140 J1-Ag '67.
- Imperfections of crystalline structures and reversibility of the embrittlement of steel during tempering. L. I. Lysak, L. Ia. Veksel'. Fiz. met. i metalloved. 24 no. 4 689-706 O '67.
- Increasing the resistance of steel parts against corrosion fatigue in the chemical machinery building. I. V. Karpenko, IU. I. Babel'. Khim. i nef. mashinost. no. 10 31-32 O '65.
- Influence of aluminum and nitrogen on the properties of cold-rolled transformer steel. V. E. Kotlov and others. Teor. i prak. met. no. 8 177-181 '66.
- Mechanization on sheet mills. V. I. Rospastenko. Metallurg 12 no. 6:27-29 Je '67.
- Nondestructive methods of controlling the quality of metal in high-quality metallurgy plants, from materials of the conference. A. I. Markelov and others. Stal' 27 no. 11 1040-1041 N '67.
- Studying the strain aging of austenitic steel 13Kh21. V. F. Sukhovarov, IU. A. Avarov, M. A. Bol'shagina. Izv. vys. ucheb. zav.; fiz. 10 no. 9 51-55 '67.
- A system protecting against lateral displacements of the strip. V. P. Tosenko, L. A. Livshits. Metallurg 12 no. 6:33 Je '67.
- Third Session of the Scientific Council on the problem of "New processes of producing and working metallic materials. B. S. Vishniakov. Fiz. i khim. obr. met. no. 4 156-157 J1-Ag '67.
- Unified nomenclature for recording steel brands by classification groups (GNUMS). G. P. Lomma, A. F. Gopp, L. I. Logina. Teor. i prak. met. no. 8 251-255 '66.
- Unit for investigating electrochemical characteristics of steel at high temperatures and pressures. M. S. Trifol', T. D. Glikhshteyn, S. A. Logina. Za tekhn. prog. 7 no. 8:12-14 Ag '67.
- 669.15 ALLOYS OF IRON. ALLOY STEELS. FERROALLOYS**
- Alloying steel with tungsten in the ladle. N. A. Chirkov, A. G. Rusakova. Teor. i prak. met. no. 8 95-102 '66.
- Alloying the 30Kh2N2M high-strength steel welds without heat treatment. A. M. Makina, V. G. Gaidamyl, V. G. Vasil'ev. Avtom. svar. 20 no. 11 5-9 N '67.
- Boundary and volume diffusion of nickel in iron. M. A. Kishal, A. P. Mokhov, O. V. Stepanov. Fiz. met. i metalloved. 24 no. 4 688-692 O '67.
- Ceramic flux for thermally treated 1775 steel. IU. P. Kuz'min. Trudy MINKHIGP no. 70 166-170 '67.
- Certain characteristics of Young's modulus anomaly of invar-type Fe-Ni-Ti alloys. A. M. Tsel'm. Fiz. met. i metalloved. 24 no. 4:727-731 O '67.
- Conditions of stability of the work-hardened state of the Fe-Ni alloy. M. G. Gaidukov, K. A. Malyshev, V. A. Pavlov. Fiz. met. i metalloved. 24 no. 4:737-743 O '67.
- Connection between the thermodynamic properties of metallic alloys and their structure. I. T. Siyalin and others. Izv. vys. ucheb. zav., Chern. met. 10 no. 10 72-75 '67.
- Corrosion behavior of Kh18Ni9T steel under stress in chloride-chlorate solutions. V. A. Levin, A. E. Romanovskina, V. M. Novakovskii. Zashch. met. 3 no. 6:711-718 N-D '67.
- Corrosion cracking of high strength 60Kh3G8N8B austenitic steel. A. V. Rubchenkov, V. P. Sidorov. Zashch. met. 3 no. 6:705-710 N-D '67.
- Deposition of copper alloys on steel by means of a constrained jet with a current-carrying wire filler. IU. L. Krasulin, A. E. Valnerman, M. Kh. Shorshorov. Svar. proizv. no. 6:5-7 Je '67.
- Desulfuration of carbon ferrochromium in the ladle. V. L. Koliartsev and others. Teor. i prak. met. no. 8 69-74 '65.
- Determining the total amount of rare-earth elements in low-alloy steel. V. L. Zueva, V. A. Polishchuk, L. M. Kleiner. Teor. i prak. met. no. 8 242-244 '66.
- Developing and adopting the technology of the hardening of low-alloy and low-carbon steel pipes. R. P. Radchenko and others. Trudy MINKHIGP no. 70:54-64 '67.
- Effect of deformation on the relaxation resistance of materials. G. F. Lopin, E. A. Nikiforov, A. P. Tikhonov. Fiz. i khim. obr. met. no. 4 110-125 J1-Ag '67.

- Relation of ion potentials and sorption capacity of metal ions by ion exchangers. E. I. Kvantsev, N. V. Sapozovskiy, Ural. politekh. inst., no. 155:111-110 '67.
- Selenium amalgam and its use in cementation. M. I. Forlovskiy and others. Trudy Inst. khim. nauk AN Kazakh SSR 18:87-98 '67.
- Studying the conditions of thermal decomposition and the interaction between thallium sulfate and its sulfide and carbon. V. I. Drev, Sbor. Ural. politekh. inst., no. 155:106-112 '67.
- Studying the sublimation of magnesium and Mg-2 alloy in chambers with cryogenic surface. I. U. M. Gushchina, A. N. Lulichev, G. I. Maksimenko. Izv. vys. ucheb. zav., no. 4:12-18 '67.
- Studying various conditions of aging recovery in aluminum-magnesium alloys. M. F. Komarova and others. Fiz. i metalloved., 24 no. 4:611-647 O '67.
- Thermoelectric properties of niobium alloys with titanium and hafnium. I. P. Druzhina, A. A. Piatovnikov, I. M. Vladimirovskaya. Izv. tekhn., no. 10:41-42 O '67.
- Treatment of sulfide nickel-cobalt concentrates by the electric melting method. A. D. Ziaev, I. I. Pimenov, Sbor. Ural. politekh. inst., no. 155:98-105 '67.
- 669.21 GOLD AND GOLD ALLOYS**
Influence of certain factors on the precipitation of gold from cyanide solutions with charcoal. V. M. Kudymnykh, N. G. Titun. Sbor. Ural. politekh. inst., no. 155:118-122 '67.
- 669.23 PLATINUM AND METALS OF THE PLATINUM GROUP**
Gravimetric determination of platinum by means of its interaction with complex in the presence of Remecke salt. L. L. Baghinly, A. A. Aliev, Azerb. khim. zhurn., no. 1:59-63 '67.
- 669.24 NICKEL AND NICKEL ALLOYS**
Changes in the structure of nickel under the effect of a high-speed air flow at high temperatures. R. S. Shklat, V. A. Kopylova, I. U. G. Velsler. Fiz. i metalloved., 24 no. 4:619-653 O '67.
- Conditions for the existence of nitrides in nickel-chromium base alloys. I. G. Ivanov, A. I. Stomakhin, A. I. Filippov. Izv. vys. ucheb. zav., khim. nat. 10 no. 10:92-95 '67.
- Effect of heat treatment on the magnetic properties of Ni₃Sn and Ni₃Sn alloys in strong magnetic fields. B. P. Khramov, G. N. Dement'ev. Fiz. i metalloved., 24 no. 4:629-635 O '67.
- Effect of neutron radiation on the coercive force of a molybdenum permalloy. B. V. Vasil'ev. Fiz. i metalloved., 24 no. 1:787-799 O '67.
- Investigating efficient forms of metals in products of converter slag depletion. M. M. Zaytsev, V. I. Smirnov, Sbor. Ural. politekh. inst., no. 155:92-97 '67.
- Investigating the electric conductivity of converter nickel slags. M. M. Zaytsev, V. I. Smirnov, Sbor. Ural. politekh. inst., no. 155:75-82 '67.
- Neat order in the Ni₂Cr alloy. E. Z. Vintalnik, A. A. Iosmanov. Fiz. i metalloved., 24 no. 4:751-755 O '67.
- Nitrogen solubility and conditions of aluminum and titanium nitride formation in the Ni₂Cr alloy. I. U. A. Dautilevich, A. N. Morozov. Teor. i prikl. metal., no. 8:149-155 '66.
- Nonmetallic inclusions in the E4373 alloy made in a vacuum induction furnace. G. I. Parabina, Z. M. Kalashina. Teor. i prikl. metal., no. 8:204-207 '66.
- Optical and electric properties of Ni-Si alloy systems. M. A. Fomina, P. D. Korzh. Izv. vys. ucheb. zav., fiz. i metalloved., 24 no. 9:132-134 '67.
- 669.26 CHROMIUM AND CHROMIUM ALLOYS**
Automatic control of the ANP 6/12 v., 10, 000/5, 000 a. for programmed chromium plating with a given thickness of chromium coating. G. A. Aslan-Zade. Za tekhn. prog. 7 no. 8:18-19 Ag '67.
- Improving the technological process of forging chromium-nickel alloy ingots. B. N. Kazaninov and others. Teor. i prikl. metal., no. 8:136-143 '66.
- Possibility of making forgings from 12Kh2N4A and 18KhNVA steels using thermomechanical treatment. A. P. Atroschenko and others. Trudy LPI no. 287:70-82 '67.
- 669.27 TUNGSTEN AND TUNGSTEN ALLOYS**
Certain properties of vacuum annealed tungsten ingots. V. I. Greshkov and others. Fiz. i khim. obr. mat., no. 4:149-155 '67.
- 669.3 COPPER AND COPPER ALLOYS**
Casting bronze bushings in aluminum chill molds. I. Sh. Zaretskiy, V. R. Rovchak, V. V. Tarasov. Avi. prom. 33 no. 9:22-24 S '67.
- Continuous oxidizing of rolled copper foil on equipment designed by the Scientific Research Institute for Metallurgy. S. A. Fedotova, Z. M. Fedorenko. Teor. i prikl. metal., no. 8:229-232 '66.
- Optimum chemical composition of silicon brass for pressure castings. I. U. G. Goncharenko. Lit. proizv. no. 3:38 Mr '67.
- 669.5 ZINC AND ZINC ALLOYS**
Some features of zinc electrodeposition from aqueous solutions. G. Z. Kir'akov, V. G. Buzdzhie, F. K. Balaieva. Trudy Inst. khim. nauk AN Kazakh SSR 18:25-31 '67.
- 669.71 ALUMINUM AND ALUMINUM ALLOYS**
Additives during the pelleting of finely ground concentrates. V. A. Utkov, E. A. Pakhomov. Trudy Inst. met., no. 13:91-93 '66.
- Certain physicochemical properties of red mud sinters. O. A. Arkhipov, Z. A. Obyednova. Trudy Inst. met., no. 13:77-80 '66.
- Corrosion behavior of structural materials in gaseous ammonia at a 200° temperature. A. I. Gromova, A. A. Sabunin, V. V. Gerasimov. Zashch. met., 3 no. 6:740-741 N-D '67.
- Degree of mold filling and density of castings in low-pressure die casting of panel-type aluminum alloys. A. V. Ryzhikov, A. I. Meigold, G. I. Timofeev. Lit. proizv. no. 3:21-22 Mr '67.
- Drill'iski, A. M. [Well drilling with light-alloy drill pipes in Azerbaijan]. Barents skvazhin legkosplavnyimi trubami v Azerbaidzhane. Baku, Azerbaidzhanskoe gos. izd-vo, 1967. 68 p.
- Resistance built welding of parts from high-strength aluminum alloys. S. I. Kuchuk-Latsenko and others. Avtom. svar., 20 no. 7:13-17 Ji '67.
- Solutions for the rapid testing of alloys in the system Al-Mg for tendency toward corrosion cracking. T. M. Sigalovskaya, E. M. Zaretskiy. Zashch. met., 3 no. 6:710-736 N-D '67.
- Studying the mechanical properties of aluminum alloy sheets. K. N. Bogdanovskiy, V. G. Boleyn, I. U. P. Samarin. Trudy LPI no. 207:17-19 '67.
- 669.85 RARE EARTH METALS**
Determining the total amount of rare-earth elements in low-alloy steel. V. L. Zueva, V. A. Polishchuk, L. M. Kleiner. Teor. i prikl. metal., no. 8:242-244 '66.
- 67/68 MANUFACTURES**
[Communal, household, and commercial equipment]. Ref. zhurn., Khim. i byt. i torg. obor., no. 11 N '67.
- [Light industry]. Ref. zhurn., Leg. prom., nos. 11-12, N-D '67. Predmetnyi ukazatel' za 1966 g. [Subject index for 1966].
- Role of price in regulating the consumer goods market. A. Levin. Trudy INKH no. 11:88-97 '67.
- 67/68(477)—Ukrainian S. S. R.**
Plenum of the Administrations of the Scientific and Technological Societies of the Light Industry of the Ukrainian Republic and the Kiev province. P. S. Medvedeva. Kh. i prom., no. 6:59-60 S-O '66.
- Results of the work of enterprises of the light industry during the first half of 1966. M. Z. Vasylyak. Kh. i prom. no. 5:3-6 S-O '66.
- 67 INDUSTRIES AND CRAFTS BASED ON PROCESSABLE MATERIALS**
The ministry and the enterprise. Bum. prom., no. 12: insert 3 D '67.
- Models of the distribution of industry in the system of optimal planning. A. G. Granberg. Izv. SO AN SSSR Ser. obshchestv. nauk no. 6:15-23 My '67.
- Use of hard porcelain in light and other branches of industry. Z. P. Sen', V. M. Greshova, H. H. Sukhakov. Kh. i prom., no. 3:25-27 My-Je '66.
- 67(471, 310)—Moscow City**
Moscow industry on the path toward realizing the socialist principles of management, 1921-1925. S. Bibaeva. Trudy INKH no. 44:111-124 '67.
- 67(479, 26)—Armenian S. S. R.**
Arakoffian, A. A. [Armenia as an industrial republic]. Armenia industrial'naya respublika. Erevan, Ainstan, 1967. 60 p.
- 67(497, 2)—Bulgaria**
Structural changes in the industry of the Peoples' Republic of Bulgaria as a factor in increasing the efficiency of production. L. G. Maksimova. Uch. zap. Kuf. obshchestv. nauk vuz. g. Len., Politi. ekon., no. 8:30-41 '67.
- 67(571)—Asiatic R. S. F. S. R.**
Determining the optimal variant of developing and distributing industrial branches using complex raw material. V. F. Gukov. Izv. SO AN SSSR Ser. obshchestv. nauk no. 6:40-53 My '67.
- Mathematical economics models of the formation of regional production complexes. M. K. Bandman, A. I. Panchenko. Izv. SO AN SSSR Ser. obshchestv. nauk no. 6:51-64 My '67.
- Use of mathematical economics models in solving the problems of the optimal distribution of productive forces. A. G. Aganbegian. Izv. SO AN SSSR Ser. obshchestv. nauk no. 6:6-14 My '67.
- 67(571, 6)—Soviet Far East**
Use of mathematical economics models in solving the problems of the optimal distribution of productive forces. A. G. Aganbegian. Izv. SO AN SSSR Ser. obshchestv. nauk no. 6:6-14 My '67.
- 67(575, 1)—Uzbek S. S. R.**
Commodity stocks. What do they tell? V. Nekhai. Ekon. i zhizn' no. 8:12:76-69 D '66.
- Let us greet the jubilee with worthwhile accomplishments. Ekon. i zhizn' no. 7:3-6 '67.
- New goods. Ekon. i zhizn' no. 7:34-35 '67.
- The second birth. M. Golikman. Ekon. i zhizn' no. 7:45-18 '67.
- 672 IRON AND STEEL GOODS**
Determining optimum productivity of evaporation stages in the feed of medium-pressure boiler units with highly mineralized water. I. Z. Malinskii, K. M. Abdullin. Za tekhn. prog. 7 no. 10:36-37 O '67.
- Expansion of the iron ore industry of the Ural in the 50 years of Soviet government. M. V. Vasil'ev, M. M. Gotshtolc, V. L. Kotibab. Gos. zhurn., 142 no. 5:3-10 My '67.
- On the work of the volunteer technical information bureaus in the workshops of the Kuznetsk Metallurgical Combine. A. V. Tolochnikova. NTI Sci. 1 no. 3:11 '67.
- 674 TIMBER AND WOODWORKING INDUSTRY**
[Goods of popular consumption and articles for industrial purposes made of wood]. Tovary narodnogo potrebleniya i izdeliya proizvodstvennogo naznacheniya iz drevessny Moskv., Lesnaya promyshl., 1967. 124 p.
- Shvyrev, F. A. [Preparation and operation of woodcutting machines]. Podgotovka i ekspluatatsiya derevozrezushchego instrumenta. Moskva, Lesnaya promyshl., 1966. 330 p.
- 674(571)—Asiatic R. S. F. S. R.**
Use of mathematical economics methods for determining plan for developing the lumbering industry of Siberia. V. S. Belousova, A. M. Kalina. Izv. SO AN SSSR Ser. obshchestv. nauk no. 6:31-37 My '67.
- 674(571, 62)—Khabarovsk Territory**
Mimukov, I. A., and D. A. Tsol. [Economics laboratory at work]. Ekonomicheskaya laboratoriya za rabotai [Khabarovsk]. Khabarovskoe knizhnoe izd-vo, 1967. 52 p. (Uchis. i khoz. inzh. i zhizn.)
- 675 LEATHER INDUSTRY**
All-Union Scientific and Technological Seminar of the workers of the Leather Industry. N. I. Sukhomin. Kh. i prom. no. 5:51 S-O '66.
- Bernshstein, M. Kh. [Nonwoven textile materials in the production of artificial leather]. Nolkanye tekstil'nye materialy v proizvodstve iskusstvennoi kozhi. Moskva, 1966. 78 p.
- Characteristic of the moisturizing capacity of surface-active agents used in the fur manufacture. B. A. Ryl'man. Kh. i prom. no. 5:20-22 S-O '66.
- Hide curing in brine following the Losev method. I. Rudova, Mias. ind. SSSR 38 no. 12:23-24 D '67.
- Method for quantitative evaluation of the quality of fur dyeing. B. A. Ryl'man. Kh. i prom. no. 3:13-16 My-Je '66.
- On the quality of sheepskins for furs and fur coats and on the methods of their preservation. A. Maslov, O. Rokhvarg, Mias. ind. SSSR 38 no. 12:7-9 D '67.
- Pavlov, S. A., and others. [Chemistry and physics of macromolecular compounds in the production of artificial leather, leather, and fur]. Khimika i fizika vysokomolekulyarnykh soedineniy v proizvodstve iskusstvennoi kozhi, kozhi i mekha. Pod obshech. red. S. A. Pavlova. Moskva, Legkaya industriya, 1966. 464 p.
- Testing the strength of the shoe upper by compressing it in the shape of bellows. I. U. S. Ovechin, L. I. A. Ikhoda. Kh. i prom. no. 5:22-25 S-O '66.
- Use of a diamond ring-shaped device for determining the wear-resistance of leather. O. P. Mykhachenko, M. D. Pomenko. Kh. i prom. no. 5:22 S-O '66.
- Ways to improve the quality of raw hides. O. Popova, Mias. ind. SSSR 38 no. 12:5-7 D '67.
- 675(477)—Ukrainian S. S. R.**
Developing the effective use of capital assets of the leather industry of the Ukrainian S. S. R. Report No. 1. A. R. Meizon, L. A. Kacherenko, N. H. Shchukina. Kh. i prom. no. 5:33-34 S-O '66.
- 675(52)—Japan**
Production of artificial leather in Japan. D. Gumenna. Kh. i prom. no. 3:63-64 My-Je '66.
- 676 PAPER AND PULP INDUSTRIES**
Analysis of the economic activity of enterprises by the use of computers. V. P. Denisenko, A. M. Sandrovskiy, M. I. Teritskiy. Bum. prom., no. 12:24-26 D '67.
- Automation of screw-press feeders of multiple installations for continuous pulping. B. I. Peskovi. Bum. prom. no. 12:14-16 D '65.
- Bratsk Lumbering Combine is a highly automated enterprise. G. I. Shul'kin. Bum. prom., no. 12:16-19 D '67.
- Causes of the vibration of calendars of the newsprint producing machines. G. D. Iakimov. Bum. prom., no. 12:20-21 D '67.
- Continuous cooking of cotton cellulose. I. U. L. Esipov and others. Bum. prom., no. 12:12-13 D '67.
- Cooking of hemicellulose with sodium sulfide solutions. V. N. Grisuljak. Bum. prom., no. 12:3-4 D '67.

- Spectra of diffusion reflection of chelate polymers. A. P. Terent'ev and others. *Vysokom. soed. Ser. B* 9 no. 2 100-103 1967.
- Study of cellulose stereoisomers containing atrop-ran-oxide link by means of infrared spectroscopy. V. P. Kozlov and others. *Vysokom. soed. Ser. B* 9 no. 2 231-234 1967.
- Study of epoxies as a structuring agent in a fibrous material based on carboxyl containing rubber for the layers of footwear. V. I. Zulkova, P. O. Akhmedov, Nauch.-issl. trudy VNIIPK no. 17 19-24 1968.
- Study of large spacing in films on poly- ϵ -caprolactide with graft polystyrene. D. I. Tsivinskii, K. K. Morgoyev, I. V. Igolova. *Vysokom. soed. Ser. B* 9 no. 2 145-149 1967.
- Study of molecular motion in solid cyan by means of nuclear magnetic resonance. I. V. Zolotarev, V. I. Glazkov. *Vysokom. soed. Ser. B* 9 no. 10 776-779 1967.
- Study of some derivatives of symmetrical urazane as inhibitors of the curing of rubber mixtures. A. A. Ginzburg and others. *Kauch. i rez.* 26 no. 12 27-28 1967.
- Study of the final stages of glue setting. L. V. Seigeev and others. *Vysokom. soed. Ser. A* 9 no. 8 1776-1781 1967.
- Study of the oxidative degradation of polycarbonate by infrared spectroscopy. A. I. Sidnev, B. M. Kovarskii, A. N. Pravdichikov. *Vysokom. soed. Ser. B* 9 no. 2 138-141 1967.
- Studying the effect of pigments and fillers modified by radiation polymerization on structure formation in polymers. G. S. Blyskosh and others. *Lakobraz. mat. i likh. prim.* no. 4 36-38 1967.
- Studying the process of acetate fiber bleaching with peracetic acid. I. A. Prudichenskii, A. V. Samsonov, I. V. Yachukh, zav. tekhn. tekst. prom. no. 5 110-111 1965.
- Supramolecular structure of graft copolymers of cotton fiber. K. Kh. Ruzikov, Kh. U. Usmanov. *Vysokom. soed. Ser. B* 9 no. 10 712-743 1967.
- Symposium on Macromolecular Chemistry. *Vysokom. soed. Ser. A* 9 no. 8 1826-1828 1967.
- Synthesis of cold-cured film-forming agents based on allyl derivatives of urea formaldehyde resins. G. L. Iukhmanovskii, V. I. Semova. *Lakobraz. mat. i likh. prim.* no. 1 20-23 1967.
- Synthesis of graft copolymers of cellulose acetates and methacrylic acid. G. N. Zinina, B. I. Arkhizbaev, I. U. L. Popov. *Uzh. khim. zhur.* 11 no. 5 42-41 1967.
- Synthesis of monofunctional phosphorus-containing cation exchangers with groups of monosubstituted polystyrylphosphonic acid. I. U. L. Lefkin and others. *Vysokom. soed. Ser. B* 9 no. 10 741-748 1967.
- Synthesis of polyamide acids and polyimides from dianhydride of diphenyl sulfone-3,4,4'-tricarboxylic acid and some diamines. S. A. Zakoshchukov, K. N. Vlasova, G. M. Zolotareva. *Vysokom. soed. Ser. B* 9 no. 3 214-217 1967.
- Temperature dependence of dimensions of polymer coils near θ -point. V. I. Eshin, A. E. Nestorov. *Vysokom. soed. Ser. B* 9 no. 3 192-195 1967.
- Thermal and thermooxidative degradation of polyureas. O. I. A. Fedotova, N. I. Sklyuchenko, I. S. Seltsov. *Vysokom. soed. Ser. B* 9 no. 3 205-207 1967.
- The final degradation rate of peroxide polymers in the solid phase. V. A. Puchin, T. I. Ushchenko, O. E. Boran. *Vysokom. soed. Ser. B* 9 no. 2 112-115 1967.
- The rheomechanical principle of study of three-dimensional structures arising in oriented polymers. B. E. Goltsin and others. *Vysokom. soed. Ser. B* 9 no. 2 159-162 1967.
- Fire industry on the 50th anniversary of the Great October Socialist Revolution. P. T. Baskakov, P. I. Ashunskii, M. V. Strongin. *Kauch. i rez.* 26 no. 11, 21-27 1967.
- The use of aqueous suspensions of carbon black in the technology for producing carbon black and oil-extended carbon black SKD rubber. L. M. Bascov, M. A. Goltsman, Z. I. Gorkdeva. *Kauch. i rez.* 26 no. 12 13-16 1967.
- Use of ethylene-propylene triple rubber (SEPR) in the formula for coatings of rubberized fabrics. E. E. Nikolova and others. *Kauch. i rez.* 26 no. 12 19-20 1967.
- Use of furan polymers in the production of materials for the layers of footwear. I. V. Kamenitskii and others. Nauch.-issl. trudy VNIIPK no. 17 60-65 1968.
- Use of linear programming methods and of computers for the optimization of loading vulcanization equipment. S. K. Dorodovskii, G. I. Kuznetsova. *Kauch. i rez.* 26 no. 12 35-37 1967.
- Use of synthetic packaging materials for packaging of poultry meat. P. I. Pugachev. *Khol. tekhn.* 41 no. 12, 31-33 1967.
- Utilization of powdered acetals of polyvinyl alcohol for coating metallic articles. A. D. Iakovlev and others. *Lakobraz. mat. i likh. prim.* no. 4 48-52 1967.
- Ways of formation of gaseous products in the process of thermooxidative degradation of polycarbonate. A. I. Sidnev and others. *Vysokom. soed. Ser. B* 9 no. 2 134-137 1967.
- X-ray diffraction study of the distribution of crystallite orientation. A. Sh. Goltzman. *Vysokom. soed. Ser. A* 9 no. 8 1693-1698 1967.

678(471.316)—Yaroslavl Province

35 years of work at the Order of Lenin Tire Plant in Yaroslavl. I. Z. Lisogurskii. *Kauch. i rez.* 26 no. 12 2-5 1967.

678.4 RUBBERS AND NATURAL MACROMOLECULARS

- All-Union scientific and technological conference on the properties and use of silicone rubbers, rubber mixtures, rubber compounds and sealing agents based on them. I. A. L. Zhigalin. *Kauch. i rez.* 26 no. 12 48-50 1967.
- Development of a new method for determining the wear resistance of rubbers. V. N. Fedotkin, A. V. Blitman, L. V. Hinzantseva. Nauch.-issl. trudy VNIIPK no. 17 165-170 1968.
- Diffusion of carbon tetrachloride and benzene in gutta-percha. S. P. Orlov, R. M. V. Semina, A. I. Chistykh. *Vysokom. soed. Ser. A* 9 no. 8 1749-1744 1967.
- Improvement of the organization of labor in the rubber industry from 1917 to 1967. I. I. Zaitsev. *Kauch. i rez.* 26 no. 11 61-63 1967.
- The petroleum refining and petrochemical industry under new planning and economic incentive conditions. V. P. Sukhanov. *Kauch. i rez.* 26 no. 12 40-43 1967.
- Production properties and use of rubber. V. I. Gult, V. S. Zhuravlev. *Kauch. i rez.* 26 no. 12 31-34 1967.
- Results of the development of the industry in 50 years. *Kauch. i rez.* 26 no. 11 3-6 1967.
- Some results of the development of the waste reclamation industry in 50 years. I. A. Shchekin. *Kauch. i rez.* 26 no. 11 57-60 1967.
- Training of specialists for the synthetic rubber and rubber industry during the years of Soviet rule. V. G. Khar'kov. *Kauch. i rez.* 26 no. 11 33-37 1967.
- Transportation of rubber adhesive and lubricants by pipeline. V. S. Fedeev. *Kauch. i rez.* 26 no. 12 43-41 1967.
- 678.5 PLASTICS
- Carrying capacity of polyamide bearings. S. I. Vinogradov, M. I. Kapustin, V. P. Semenov. *Trudy IPI* no. 285 27-31 1967.
- Chemical welding of plastics and rubber. L. B. Trostianskii and others. *Svar. prot.* no. 6 12-15 1967.
- Combined automatic compressing-molding machine for the production of plastic products. S. V. Dubman, M. I. Ritschikovskiy. *Kh. prom.* no. 5 52-54 1966.
- Device and method for the determination at below freezing temperatures of the stiffness of film materials and soft artificial leathers. M. S. Sorokobatkina and others. Nauch.-issl. trudy VNIIPK no. 17 113-153 1968.
- Experimental and theoretical method of determining deformations and stresses in plastic parts and components. I. S. Blutin. *Trudy TSIIMT* no. 31 131-151 1966.
- Fastening plates made from wood-impregnated plastics. H. A. Sinagin, V. I. A. Plekhanov. *Puti put. khoz.* 11 no. 6 14-15 1967.
- Formation of low molecular olefins during induction period of inhibited oxidation. V. S. Pudov, B. A. Gromov, I. A. Shlapnikov. *Vysokom. soed. Ser. B* 9 no. 2 111-113 1967.
- Investigating the strength of glue compositions for plastic body structures. A. V. Anoshin, V. I. Dmitriyev. *Avi. prom.* 33 no. 9 19-21 1967.
- [Mechanics of machinery; engineering mechanics of polymers.] *Mekhanika mashin, inzhenernaya mekhanika polimerov.* Tbilisi, Metsnitskha, 1967 137 p.
- New developments in the use of epoxy plastics. E. Kovalev. *Tytl. i snab. Sov. Vost. Sib.* 27 no. 6 88-89 1967.
- New nonmetallic materials. D. D. Churabov. *Bul. tekhn. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* 20 no. 11 10-14 1967.
- Osmometric and viscometric studies of ethylcellulose solutions. Kh. U. Usmanov, M. Z. Usmanova, S. S. Makhamudova. *Uzb. khim. zhur.* 11 no. 5 60-62 1967.
- Pavlov, S. A., and others. [Chemistry and physics of macromolecular compounds in the production of artificial leather, leather, and fur.] *Khimiya i fizika vysokomolekulyarnykh soedinenii v proizvodstve iskusstvennoi kozhi, kozhi i mekha. Pod obshch. red. S. A. Pavlova.* Moskva, Legkaya industriya, 1966 484 p.
- Polyvinyl chloride films and their physical and mechanical indices at below freezing temperatures. M. S. Sorokobatkina. Nauch.-issl. trudy VNIIPK no. 17 78-83 1968.
- Rasplavskii, A. P., and O. A. Fridman. [Plastics instead of metal.] *Plastmassy vmesto metalla.* Donetsk, Donbass, 1967 83 p.
- Some types of equipment for producing articles from glass-reinforced plastics. A. V. Olcinik. *Khim. i nefte. mashinostr.* no. 11 34-36 1967.
- Structure and properties of polyester coatings as influenced by the supporting structure. P. I. Zubov, M. R. Kiselev, L. A. Sukhareva. *Dokl. AN SSSR* 176 no. 2 336-337 1967.
- Study of kinetics of the solid-phase polymerization of thiourea by means of nuclear magnetic resonance. I. A. G. Urman and others. *Vysokom. soed. Ser. B* 9 no. 10 770-772 1967.
- Thermoset trioxane copolymers. V. I. Irzhak and others. *Vysokom. soed. Ser. B* 9 no. 3 220-221 1967.

678.5(575.1)—Uzbek S. S. R.

Important economic lever. Sh. I. Udashov, M. Bodnia, A. Mal'tsev. *Ekonom. i zhizn'* 8 no. 10 13-16 1966.

678.6 SYNTHETIC POLYCONDENSATES RESINS, FIBERS, ETC.

- Classification of textile yarn with increased bulk stretchability. L. S. Smirnov. *Izv. vys. ucheb. za. tekhn. tekhn. prom.* no. 5 29-31 1965.
- Dyeing of cellulose fabrics with direct dyes at temperatures higher than 100°C. B. N. Mel'nikov, M. N. B. I. V. Yachukh, zav. tekhn. tekst. prom. no. 5 97-9 1967.
- Effect of orientational stretch forming on the thermomechanical properties of rayon fibers. M. P. Z. Vysokom. soed. Ser. A 9 no. 8 1651-1660 1967.
- Electroactive potential of vinyl fiber in solutions of lytes and direct dyes. V. P. Androsov, I. D. Tugai, Bondarenko, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 5 100-113 1967.
- Fiber intermixing in lavsan-viscose yarn. I. U. L. M. H. S. Glazov. *Leh. prom.* no. 3 44-45 1965.
- Formation of paramagnetic products in the photolysis of polyurethanes and their effect on the development of degradation processes. A. A. Berlin and others. *Vysokom. soed. Ser. A* 9 no. 8 1677-1681 1967.
- Kinematic theory for stretching of fibrous products. S. V. Shchepanov, V. P. F. Yachukh, I. A. Divinskii. *Izv. vys. ucheb. zav. tekhn. tekst. prom.* no. 5 68-75 1967.
- Kinetics of polycondensation of tetramethylolacrylate with dicarboxylic acids. G. M. T. Sedlin, V. V. Korotkiy, T. I. Rinald. *Vysokom. soed. Ser. B* 9 no. 3 183-181 1967.
- Kinetics of polycyclodehydration of polyamide acids. G. S. Kolesnikov and others. *Vysokom. soed. Ser. B* 9 no. 3 201-205 1967.
- New tent materials made from synthetic fabric with one-sided film coating. Report No. 1. I. U. S. N. N. I. U. Mishustin, V. M. Rogov. Nauch.-issl. trudy VNIIPK no. 17 114-127 1966.
- Polyamides based on nitro- and nitrazodicarboxylic acid. I. S. Ivanova, S. E. Smirnova-Zamkova, G. F. Bopla. *Vysokom. soed. Ser. B* 9 no. 3 224-227 1967.
- Polyarylates of phenolphthalein imide. S. V. Vinogradov and others. *Vysokom. soed. Ser. A* 9 no. 8 176 1786 1967.
- Polyarylates of phenolphthalein containing small amount of photoglucinol. S. V. Vinogradov and others. *Vysokom. soed. Ser. A* 9 no. 8 1797-1801 1967.
- Polybenzimidazoles on the basis of tetraamines containing methyl groups in benzene rings. V. V. Korotkiy, M. M. Teplovskiy, R. D. Fedotova. *Vysokom. soed. Ser. B* 9 no. 10 767-769 1967.
- Polymorphism of polyethylene glycol adipate. B. A. Testelbaum and others. *Vysokom. soed. Ser. A* 9 no. 8 1672-1676 1967.
- Polyureas from aromatic diamines and urea and their properties. O. I. A. Fedotova, M. I. Shil'nikov, G. S. Kolesnikov. *Vysokom. soed. Ser. B* 9 no. 3 212-215 1967.
- Processing polyester lavsan fibers in washed manufacture. N. M. Imanov. *Za tekhn. prog.* 7 no. 8 40-41 1967.
- Production of machine blended yarn produced from a mixture of synthetic fibers and wool for suit fabrics. D. M. Kofman, N. I. P. Yachukh, I. V. Yachukh, zav. tekhn. tekst. prom. no. 5 61-67 1965.
- Production of nonwoven carpet products from polymer materials. G. F. Sonkina, V. M. Rogov. Nauch.-issl. trudy VNIIPK no. 17 131-136 1966.
- Production of "self-stained" polyarylates. V. V. Korotkiy and others. *Dokl. AN SSSR* 177 no. 1 120-121 1967.
- Properties of the low modulus SKU-V urethane elastomer. N. P. Apukhtina and others. *Kauch. i rez.* 26 no. 11 11-13 1967.
- Study of mechanical properties of bonded nonwoven materials of a puncture structure. V. B. Tikhomirov, M. V. Frolov. *Izv. vys. ucheb. zav. tekhn. tekst. prom.* no. 5 39-42 1967.
- Study of the oxidizing - restoring and dyeing properties of vat dyes used for protein fibers. L. M. Goltsman, G. Shalimova. *Izv. vys. ucheb. zav. tekhn. tekst. prom.* no. 5 105-109 1965.
- Study of the resistance to micro-organisms of fibrous insulate materials. N. I. Gamova-Kaluzhova, A. M. Shapovalov, M. D. Musatova. Nauch.-issl. trudy VNIIPK no. 17 11-185 1966.
- Study of thermooxidative degradation of polycarbonate by infrared spectroscopy. A. I. Sidnev, B. M. Kovarskii, A. N. Pravdichikov. *Vysokom. soed. Ser. B* 9 no. 2 132-134 1967.
- Studying the process of thermosol dyeing of fabrics made from polyamide fibers with acid dyes. S. I. Zenina, M. V. Korotkiy. *Izv. vys. ucheb. zav. tekhn. tekst. prom.* no. 5 104-108 1967.
- Synthesis and properties of ion exchangers on the basis of phenol ethers. N. N. Kuznetsov and others. *Vysokom. soed. Ser. A* 9 no. 8 1751-1757 1967.
- Synthesis and study of polycarbonate based on 6,6-di-(1-hydroxyphenyl) fluorene and phosgene. O. V. Smirnova, G. S. Kolesnikov, E. V. Korotkiy. *Vysokom. soed. Ser. B* 9 no. 10 761-764 1967.
- Synthesis of oligomeric ether alcohols and their reaction with other acids. K. A. Andrianov, M. B. Fromberg, T. M. Belkina. *Vysokom. soed. Ser. A* 9 no. 8 1787-1791 1967.
- Synthesis of phosphorus-containing polyesters based on dimethyl terephthalate, ethylene glycol, and dimethyl phosphinic acid. B. E. Ivanov, T. I. Karpova. *Vysokom. soed. Ser. B* 9 no. 2 126-129 1967.

- Synthesis of polyamido acids and polyimides from 4,4'-diaminodiphenyl sulfide and pyromellitic dianhydride. S. A. Zakharchikov, K. P. Pomerantseva, I. N. Emel'ina. *Vysokom. soed. Ser. B* 9 no. 10 757-760 O '67.
- Synthesis of polypyrrolidoneimides. V. V. Korshak, L. S. Fedotova, K. K. Morgova. *Vysokom. soed. Ser. B* 9 no. 10 736-738 O '67.
- Thermal and thermooxidative degradation of polyureas. O. I. A. Fedotova, N. I. Skripchenko, I. S. Lelchuk. *Vysokom. soed. Ser. B* 9 no. 3 205-207 Mr '67.
- Thermosetting polymers from bis-phenols with poly-(p-phenylene oxide) structure and isocyanide. I. U. P. Vorobeyev and others. *Vysokom. soed. Ser. A* 9 no. 8 1753-1767 Ag '67.
- Ways of formation of gaseous products in the process of thermooxidative degradation of polycarbonate. A. I. Sholov and others. *Vysokom. soed. Ser. B* 9 no. 2 131-137 F '67.
- 678 7 SYNTHETIC POLYMERIZATES RUBBERS, RESINS, ETC.**
- Adaptation of some bacteria to polyvinyl alcohol fibers with antimicrobial properties. I. A. Timilova, *Mikrobiologiya* 36 no. 6 1030-1035 N-D '67.
- All-Union scientific and technological conference on the properties and use of silicone rubbers, rubber mixtures, rubber compounds and sealing agents based on them. I. A. L. Zhigalov. *Kauch. i rez.* 26 no. 12 19-50 '67.
- Changing sizes of shoe insole materials under the influence of atmospheric conditions. M. L. Dyn'kina, I. I. Kostinukova. *Nauch.-issl. trudy VNIPIK no. 17* 58-113 '66.
- Copolymerization of fluorine-substituted styrenes with styrene. M. M. Koton and others. *Vysokom. soed. Ser. B* 9 no. 3 240-242 Mr '67.
- Cross-linking and degradation of a mixture of atactic 1-polybutene-polyethylene. I. Baiton, I. S. Kishikova. *Vysokom. soed. Ser. B* 9 no. 10 731-738 O '67.
- Cyclization of chloroprene rubber and its vulcanizates. M. T. Bakhina, B. M. Gorchik. *Vysokom. soed. Ser. B* 9 no. 2 111-116 F '67.
- Dependence of the dielectric properties of chloroprene rubber on molecular weight distribution. I. U. K. Kabanov, R. V. Bagdasarian, L. G. Mel'nikan. *Arm. Fil'm zhur.* 20 no. 8 601-605 '67.
- Dependence of the polymerization rate of some imides and properties of formed polymers on the structure of initial monomers. T. V. Shorometeva, G. N. Laitina, I. N. Shennikova. *Vysokom. soed. Ser. B* 9 no. 10 772-773 O '67.
- Determination of dimensions and defects of crystalline regions in a copolymer of vinyl chloride with vinylidene chloride. V. P. Lebedev, M. N. Shlykova, N. A. Oplodnov. *Vysokom. soed. Ser. B* 9 no. 2 122-126 F '67.
- Determination of radical polymerization constants of vinyl chloride with vinyl acetate in aqueous solution. A. S. Kabanov, A. M. Maikovich. *Vysokom. soed. Ser. B* 9 no. 3 179-181 Mr '67.
- Development of a supplementary analytical characteristic of high-pressure polyethylene. E. S. Khotovskaya and others. *Nauch.-issl. trudy VNIPIK no. 17* 191-193 '66.
- Effect of a type of spatial links on the acid resistance of rubbers from malit. E. M. Goshman, I. U. S. Zucy, G. P. Murontseva. *Kauch. i rez.* 26 no. 12 21-23 '67.
- Effect of electrodonor additions on chain microstructure in the initiation of butadiene polymerization by π -catalytic complexes of nickel. E. A. Muzina and others. *Vysokom. soed. Ser. B* 9 no. 10 781-787 O '67.
- Effect of precipitating agents on polymethyl methacrylate crystallization. V. N. Nikitin, N. V. Mikhalova. *Vysokom. soed. Ser. B* 9 no. 3 214-217 Mr '67.
- Effect of structure formation on the processes of thermal oxidative aging of polyethylene at elevated temperatures. Z. I. A. Beiseneva and others. *Vysokom. soed. Ser. A* 9 no. 8 1768-1775 Ag '67.
- Effect of structure on the physicochemical properties of ethylene-propylene rubber (ethylene-propylene synthetic rubber). I. A. Arutunov, V. L. Khodzhaeva, N. M. Seldov. *Vysokom. soed. Ser. B* 9 no. 2 149-151 F '67.
- Effect of the molecular weight of synthetic fatty acids on the polymerization and molecular weight distribution of the SKMS-30 PR rubber. N. D. Velselskaya, T. V. Babushkina, T. V. Fedotova. *Kauch. i rez.* 26 no. 12 47-18 '67.
- Experimental investigation of the thermal diffusion coefficients of polyisobutylene in heptane. M. M. Kuzakov, D. N. Nekrasov, E. V. Sekurova. *Vysokom. soed. Ser. B* 9 no. 2 94-97 F '67.
- 50 years of studies of the Soviet scientists in the field of rubber synthesis. I. V. Garmonov, K. B. Plotovskii. *Kauch. i rez.* 26 no. 11 7-15 '67.
- Grinding of rubber soles without preheating. I. O. Prykhodchenko and others. *Leh. prom.* no. 5 67-59 S-O '66.
- Heat capacity and thermodynamic functions of acrylonitrile and polyacrylonitrile. B. V. Lebedev, I. N. Babushkin, L. A. Martynenko. *Vysokom. soed. Ser. A* 9 no. 8 1640-1645 Ag '67.
- Heat capacity and thermodynamic functions of methacrylic, polymethacrylic, and isobutyric acids. I. B. Rahimovich, B. V. Lebedev, T. I. Melen'eva. *Vysokom. soed. Ser. A* 9 no. 8 1609-1705 Ag '67.
- Intensification of the process of vulcanization of leather like rubbers. N. V. Vasil'ev, A. P. Pisarenko. *Nauch.-issl. trudy VNIPIK no. 17* 65-71 '66.
- Interaction of polyvinylamine with metal salts in aqueous solutions. V. N. Tolmachev, L. A. Lomako, Dush-Xuan-Dinh. *Vysokom. soed. Ser. B* 9 no. 3 211-211 Mr '67.
- Isometric behavior of fluorine rubber. G. M. Baitenev, L. A. Vishniakina. *Vysokom. soed. Ser. B* 9 no. 2 155-158 F '67.
- Low angle light scattering in films of amorphous fluorine rubbers. I. U. Kotov, A. S. Novikov. *Vysokom. soed. Ser. A* 9 no. 8 1714-1719 Ag '67.
- Major scientific research results in the field of physics and chemistry of crude rubbers on the 50th anniversary of the Great October Socialist Revolution. A. S. Kuz'minskii. *Kauch. i rez.* 26 no. 11 37-52 '67.
- Methods for the investigation of leatherlike rubbers for dynamic wear and heat resistance. N. G. Kuzmina and others. *Nauch.-issl. trudy VNIPIK no. 17* 153-165 '66.
- Molecular mobility in polytetrafluoroethylene. I. I. Perepetchko, L. A. Bodrova. *Vysokom. soed. Ser. B* 9 no. 2 116-118 '67.
- New active oligomers and monomers based on ethylenimine. E. A. Babenkova, G. A. Shtraikhman. *Zhur. prikl. khim.* 40 no. 8 1783-1788 Ag '67.
- Physicochemical properties of latex mixtures and their polymers. T. V. Lupichova and others. *Nauch.-issl. trudy VNIPIK no. 17* 13-19 '66.
- Polymerization of styrene in the presence of polyoxyethylene-lated polypropylene glycol. V. V. Dudukin and others. *Vysokom. soed. Ser. B* 9 no. 3 186-198 Mr '67.
- Polymerization of styrene initiated by di-tert-alkyl peroxide-alkanes. O. M. Mashnenko and others. *Vysokom. soed. Ser. B* 9 no. 10 755-757 O '67.
- Process of liquid thioel vulcanization studied by the method of thermomechanical curves. A. E. Tavrinn, B. I. A. Teitelbaum. *Dokl. AN SSSR* 177 no. 1 114-117 N-D '67.
- Production of porous rubbers by combining rubbers and synthetic resins. B. N. Duzhkov, B. A. Safarov. *Nauch.-issl. trudy VNIPIK no. 17* 47-60 '66.
- Protective action of some organophosphorus compounds in the radiation-induced degradation of polymethyl methacrylate. I. V. Kondrat'eva and others. *Vysokom. soed. Ser. B* 9 no. 10 751-755 O '67.
- Quantitative study of cyclization processes of 1-4-polybutadiene and 1,4-polyisoprene by means of nuclear magnetic resonance. A. I. Kol'tsov. *Vysokom. soed. Ser. B* 9 no. 2 97-100 T '67.
- Stability of solutions of mixtures of polyacrolein with polyvinyl alcohol. M. M. Kuznachik, N. A. Baranovskii. *Vysokom. soed. Ser. B* 9 no. 10 730-741 O '67.
- Study of chloroprene polymerization on organometallic complex catalysts. N. V. Kaluzhina and others. *Arkh. Khim. zhur.* no. 3 87-91 '67.
- Study of the distribution of vertical bearing pressures on the surface of rubber soles in footwear. A. M. Blitman and others. *Nauch.-issl. trudy VNIPIK no. 17* 71-77 '66.
- Study of the features of emulsion polymerization of methyl methacrylate in the presence of polyoxyethylene-lated polypropylene glycol as emulsifier. V. V. Dudukin and others. *Vysokom. soed. Ser. B* 9 no. 3 199-201 Mr '67.
- Styrene-acryl resin and its use in repairing equipment. I. N. Lashko. *Blud. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.* no. 11 14-15 N '67.
- Synthesis and polymerization of some aromatic amides of 1-vinylbenzoic acid. G. M. Pogostian, G. A. Zhamkoshina, G. S. Kolarnikov. *Vysokom. soed. Ser. B* 9 no. 3 218-220 Mr '67.
- Synthesis of polyphenylacetylenes from α , β -dibromoacetylene by means of dehydrohalogenation in the presence of carbonates. I. N. Amel'khina, S. A. Nizova, I. A. M. Pauskin. *Vysokom. soed. Ser. B* 9 no. 3 227-231 Mr '67.
- The rubber from a combination of stereoregular cis-1,4-isoprene and butadiene-styrene rubbers. I. A. Ievitina, I. U. G. Korabiev, T. A. Kadyrov. *Kauch. i rez.* 26 no. 12 16-18 '67.
- Training of specialists for the synthetic rubber and rubber industry during the years of Soviet rule. V. G. Khor'kov. *Kauch. i rez.* 26 no. 11 33-37 '67.
- The use of aqua suspensions of carbon black in the technology for producing carbon black and oil-extended carbon black SKD rubber. I. M. Babiev, M. I. A. Goshman, Z. I. Goshman. *Kauch. i rez.* 26 no. 12 13-16 '67.
- Use of polymers in the overhaul of electric and diesel locomotives. S. I. A. Alvinid, T. S. Kanonov. *Trudy RIZHT* no. 54 22-47 '66.
- 678 8 OTHER MACROMOLECULAR MATERIALS**
- Alkyl (aryl) hydropolysiloxanes. Part I: Reaction of hexahydrosiloxanes with unsaturated compounds. V. O. Reikhsfeld, D. A. Khankhodzaeva. *Uzb. khim. zhur.* 11 no. 5 45-48 '67.
- Apparatus for light and heat aging of film materials and artificial leather. N. S. Laseva and others. *Nauch.-issl. trudy VNIPIK no. 17* 137-143 '66.
- Bernshein, M. Kh. [Nonwoven textile materials in the production of artificial leather] *Netkanye tekstil'nye materialy v proizvodstve iskusstvennoy khozhi.* Moskva, 1966, 78 p.
- Device and method for the determination of below freezing temperatures of the stiffness of film materials and soft artificial leathers. M. S. Sorokobatkina and others. *Nauch.-issl. trudy VNIPIK no. 17* 143-153 '66.
- Flow birefringence of polydimethylsilmethyrene. M. M. Kusakov and others. *Vysokom. soed. Ser. A* 9 no. 8 1681-1671 Ag '67.
- New ferrocene-containing polymers. T. A. Sokolinskaya, T. P. Vishniakova, I. A. M. Pauskin. *Vysokom. soed. Ser. B* 9 no. 3 237-240 Mr '67.
- Optical anisotropy of cyclolinar polyphenylsiloxane molecules. I. I. Tsvetkovskaya, P. L. Lasc. *Vysokom. soed. Ser. B* 9 no. 2 118-122 F '67.
- Polymeric chelates based on 2,6-bis-(arylamino)quinones. A. A. Belin, B. I. Logon'kin, E. A. Abdulla-Zade. *Vysokom. soed. Ser. A* 9 no. 8 1735-1742 Ag '67.
- Producing rolled artificial leather on a fibrous base on the impulse-action press for bolt and casting products, and rheovulcates. A. S. Levin, M. Kh. Bernshein, I. M. Lashko. *Nauch.-issl. trudy VNIPIK no. 17* 39-49 '66.
- Production of artificial leather in Japan. D. G. Gucanina, L. Ch. prom. no. 3 63-61 My-Jc '66.
- Pyridine-2,6-dihydroxyacetic acid and its chelate polymers. A. P. Terent'ev, I. G. Lit'ina, E. G. Rukhadze. *Vysokom. soed. Ser. B* 9 no. 10 788-790 O '67.
- Studies in the field of the production of frost-resistant nonadhesive artificial leather with polyvinyl chloride coating. K. I. Iakovlev, I. V. Plotnikov. *Nauch.-issl. trudy VNIPIK no. 17* 25-28 '66.
- Synthesis and some properties of coordination polymers on the basis of bis-(p-1,2-dioximepropyl)phenyl bis-(p-1,2-dioximepropyl)phenyl oxide and bivalent metals. V. V. Korshak, M. S. Mirzamilova, N. I. Bekasova. *Vysokom. soed. Ser. B* 9 no. 10 748-751 O '67.
- Thermal stability of some polymetalloorganosiloxanes. K. A. Andrianov and others. *Izv. AN SSSR Neorg. mat.* no. 10 1842-1850 O '67.
- Water-resistance of polyamide films used as coatings for artificial leather. I. U. B. Kipnis and others. *Nauch.-issl. trudy VNIPIK no. 17* 39-47 '66.

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The Chukchi and Eskimo bone carving industry and the history of its development. A. E. Timacheva. *Trudy SVKNII no. 17* 182-191 '67.

68(571.6)—Soviet Far East

The Chukchi and Eskimo bone carving industry and the history of its development. A. E. Timacheva. *Trudy SVKNII no. 17* 182-191 '67.

681 PRECISION MECHANISMS, APPARATUS AND MACHINES INSTRUMENTS

Experience in the exploitation of the MPPPI-1 machine in a catalytic reforming plant. I. U. P. Kopylov, M. M. Nikolaev, A. A. Chupirov. *Nefteprom. i neftokhim.* 12:34-35 '67.

Measuring devices to insure production quality in foreign machinery manufacturing. M. I. Mekler. *Izm. tekhn.* no. 10 13-16 O '67.

681.1 WHEEL MECHANISMS, CLOCKWORK, COUNTING, COMPUTING AND CONTROL DEVICES

Algorithm for separating all peaks of an oriented graph belonging to circuits. I. B. Zadykhailo. *Tsif. vych. tekhn. i prog.* no. 2 166-171 '67.

Algorithms for the construction of the principal meshes of digital computers. I. A. Fet. *Iskh. vych. tekhn. i prog.* no. 2 45-55 '67.

Analysis of the economic activity of enterprises by the use of computers. V. P. Duniyenko, A. M. Nauchovskii, M. I. Teitel'baum. *Leh. prom.* no. 12 24-28 D '67.

Automatic computer of coordinates with periodic data correction. V. Chernyshev. *Mos. flot* 27 no. 11 22-23 N '67.

Automation of size adjustment during work on a turning lathe. V. A. Skragov, E. L. Zhukov. *Trudy LPI* no. 284 28-30 '67.

Calculating thermal effects of the processes of the catalytic reforming of gasoline fractions carried out under the pressure of hydrogen. I. U. M. Zhorov, Panchenkov, I. U. M. Zhorov. *Trudy MINKHC*

- Effect of the technological spread of the core parameters on the temperature characteristics of a magnetic memory device. V. A. Litovskii. Izv. vys. ucheb. zav., radiofiz. 10 no. 11 1618-1618 '67.
- An electronic computer for experiments in physics. B. I. U. Mykhodskiy, I. U. T. Stetsenko. Rad. shk. 45 no. 12 87-90 D '66.
- Electronic computers help to train the specialists in meteorology. V. I. Vorob'ev. Vest. vys. shkol. 25 no. 10 37-38 Q '67.
- Equivalent transformations of address groups. V. N. Poshcheyeva. TSif. vych. tekhn. i prog. no. 2 128-137 '67.
- Calculating computing capacities of digital differential analyzers with average and high capacitance. P. G. Ali-Zade, F. E. Zul'fugarzade. Za. tekhn. prog. 7 no. 8 9-11 Ig '67.
- Experience in the use of the "ERA-1" electrographic apparatus. L. V. Abuladze. NTI. Ser. 1 no. 10 31 '67.
- Identity transformation of regular expressions. V. P. Kutepov. TSif. vych. tekhn. i prog. no. 2 138-143 '67.
- Importance of the method of undetermined Lagrangian multipliers in the theory of mathematical programming. A. S. Alekseev. Izv. vys. ucheb. zav., radiofiz. 10 no. 7 1042-1044 '67.
- Improve the distribution of the means of control and management. E. Khalabaev. Mat.-tekhn. snabzhen. 2 no. 9 5-14 S '67.
- Introducing the mechanization of technical and economic planning. P. G. Shukhman, E. I. Giger'eva, S. D. Kozlov. Blul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 20 no. 11 31-32 N '67.
- Inverse representations of numbers in a system of residual classes. I. A. Akushskii, V. Kh. Khatekevich. TSif. vych. tekhn. i prog. no. 2 3-9 '67.
- Machine accounting with the use of "Isot-170." V. Obukhanich, I. Chumilo. Bukh. uch. 26 no. 8 28-30 Ig '67.
- The machine determines requirements in materials. I. A. Borokhov. Ekon. stol. 10 no. 1 39-42 '68.
- Measurements of frequency characteristics of electric properties of the rocks. L. A. Krasin. Coi. elektromekhn. i avtom. no. 8 112-118 '67.
- Mechanization in planning for procurement. B. Batsum. Mat.-tekhn. snabzhen. 2 no. 9 83-5 '67.
- Method for solving combinatorial-type informational-logical problems using electronic computers. I. U. P. Gotsykhov, G. A. Sokolov. TSif. vych. tekhn. i prog. no. 2 185-182 '67.
- Modeling of an addressless digital computer using the M-20 digital computer. G. M. Kol'nei. TSif. vych. tekhn. i prog. no. 2 56-65 '67.
- Modeling the process of catalytic reforming using the EMU-10 analog computer. A. S. Gerasimov, S. I. Gerasimov, B. A. Maslov. Trudy MINKHGP no. 74 52-58 '67.
- Modeling urban telephone systems on electronic computers. V. S. Zhorev. Izv. SO AN SSSR Ser. obshchestv. nauk no. 6 71-79 My '67.
- Operation of germanium and silicon p-n junctions with tungsten light source. I. V. Mch'kin, S. A. Maiorov. Izv. vys. ucheb. zav., prib. 10 no. 9 68-70 '67.
- Permissible value of a scale transmission in designing chemical reactors on the basis of a mathematical description. I. U. M. Zhorev, G. M. Panchenko. Trudy MINKHGP no. 74 3-13 '67.
- Plants and the computing technique. S. M. Dubnevich, I. F. Gotsykhov, A. I. Ivanenko. Metallurg. 12 no. 6 34-35 Je '67.
- Positional characteristics of numerical representations in residual classes. I. A. Akushskii, D. I. Uditkii. TSif. vych. tekhn. i prog. no. 2 10-24 '67.
- A possible method of logical synthesis of a cognition device. K. N. Denisov, P. N. Perevezentsev. Trudy TSNIIMT no. 80 63-69 '67.
- Principle of design and operational quality of specialized computer systems. V. D. Pansenko, V. A. Kusahev. TSif. vych. tekhn. i prog. no. 2 81-90 '67.
- The problem of analytic construction of regulators. V. I. Bondarenko, I. U. M. Filimonov. Dif. urav. 3 no. 10 1782-1795 O '67.
- Problems of automation in the construction of translators. V. P. Semik. TSif. vych. tekhn. i prog. no. 2 103-113 '67.
- Problems of methodology for calculating the transients of a machine by means of frequency method for determining parameters using electronic digital computers. I. U. A. Nikonnikov, N. S. Sinov. Trudy Ural. politekh. inst. no. 157 16-20 '67.
- Prospects for increasing the accuracy of a balance clock. V. G. Kirzhnev. Izv. vys. ucheb. zav., prib. 10 no. 9 89-95 '67.
- Random quantities in a system of residual classes. A. V. Bogdanov. TSif. vych. tekhn. i prog. no. 2 40-44 '67.
- Results of the studies of a code track circuits using electronic computers. V. M. Lavrent'ev. Trudy KHLIT no. 87 49-59 '68.
- The Second Symposium on the "Man-Machine" Problem. V. F. Rubakhin. Vop. psikh. 13 no. 3 185-187 My-Je '67.
- Selecting a system of temperature regulation of circulating lubricants on main marine diesels. G. A. Popov. Trudy TSNIIMT no. 80 88-96 '67.
- Selecting the most useful ventilation system for hard-to-ventilate coal mines with the aid of electronic computers. V. F. Bakaev, L. P. Romenskii, N. G. Tkachenko. Ugol. 42 no. 8 68-70 Ag '67.
- Seminar "Teoriya avtomatov" [Seminar "Theory of automata", reports]. Seminar "Teoriya avtomatov", [doklady]. Kiev. No. 1. 1967. 114 p.
- Seminar "Upravlyashchie mashiny i sistemy" [Seminar "Control machines and systems", reports]. Seminar "Upravlyashchie mashiny i sistemy", [doklady]. Kiev. Nos. 1-2. 1966. 2 v.
- Separation of recursively utilized procedures in Algol-60. V. I. Sobel'man. TSif. vych. tekhn. i prog. no. 2 144-154 '67.
- Simplified method of modeling the cascade system for the start of asynchronous short-circuited motors with the aid of analog computers. N. V. Shulakov. Coi. elektromekhn. i avtom. no. 8 61-70 '67.
- Some aspects of the design of shift frequency recorders of information. L. K. Samoilov, G. S. Mel'nik. Izv. vys. ucheb. zav., radiofiz. 10 no. 11 1618-1621 '67.
- Some aspects of the relationship between the theory of memory devices with multiple coincidence of signals and the theory of Latin hypersquares. Part 1. M. A. Etinger, T. N. Etingerina. Izv. vys. ucheb. zav., radiofiz. 10 no. 11 1569-1575 '67.
- Some aspects of the relationship between the theory of memory devices with multiple coincidence of signals and the theory of Latin hypersquares. Part 2. M. A. Etinger, T. N. Etingerina. Izv. vys. ucheb. zav., radiofiz. 10 no. 11 1576-1595 '67.
- Some problems of the selection of operational test control systems during the designing of computers. G. N. Ushakov. TSif. vych. tekhn. i prog. no. 2 70-82 '67.
- Some results of the operation of two BESM-2 high-speed digital computers. N. P. Zagumennov. TSif. vych. tekhn. i prog. no. 2 91-96 '67.
- Study of the dynamics of the braking of an asynchronous machine by shorting the stator using an analog computer. N. I. Zelenin, V. M. Karpichnikov. Trudy Ural. politekh. inst. no. 157 200-205 '67.
- Switching of a transistorized circuit containing ferrite cores and having a rectangular hysteresis loop. I. A. Kamyshev, A. A. Rybakov. Izv. vys. ucheb. zav., radiofiz. 10 no. 7 1029-1034 '67.
- Test control of digital computers. I. V. Rogan. TSif. vych. tekhn. i prog. no. 2 66-69 '67.
- Turning machines with two symbols and two states. I. U. A. Kiriukov. Alg. i log. 6 no. 3 51-60 '67.
- The UMTA-10 universal digital computer. I. U. Shevchuk. TSif. vych. tekhn. i prog. no. 2 25-39 '67.
- Use of cards with double-row marginal perforations in the punch files for card punching. A. M. Botinov. NTI. Ser. 1 no. 4 14-15 '67.
- Use of computing technique in blast furnace practices. R. M. Zhak. Metallurg. 12 no. 6 13-14 Je '67.
- Use of digital computers in checking the sticking of asynchronous motors. I. I. Anisichenko, V. M. Karpichnikov, I. K. Raishikh. Trudy Ural. politekh. inst. no. 157 54-61 '67.
- The use of electronic computers in the analysis of academic progress. K. A. Morozov, P. P. Golov. Vest. vys. shkol. 25 no. 10 77-78 O '67.
- Use of mathematical methods and computers in the management of supply of materials and equipment. E. Khru-shchik. Mat.-tekhn. snabzhen. 2 no. 7 91-95 Ji '67.
- Use of matrix chain method on electronic digital computers when determining distribution of earth masses. V. B. Alekseev. Trudy TASHIT no. 33 77-83 '65.
- Use of terminological phrases in automated informational search systems. G. G. Belonogov. TSif. vych. tekhn. i prog. no. 2 172-175 '67.
- Use of the KU-2 keyboard punching machine in perforating coding systems of Algol-60 for the M-20 computer. A. M. Bakhtiarov. TSif. vych. tekhn. i prog. no. 2 163-165 '67.
- Using computers for the mechanization and automation of production management at an automobile plant. V. B. Liberman. Avi. prom. 33 no. 9 34-38 S '67.
- Using digital computers to study the deformation of bodies of circular cross section in diamond-shaped dies. V. S. Smirnov, B. K. Bobylev, A. K. Grigor'ev. Trudy LPI no. 287 29-36 '67.
- Using the mathematical description of fluid thermal contact cracking for the calculation of the results of the process. I. U. M. Zhorev and others. Trudy MINKHGP no. 74 66-70 '67.
- Vorob'ev, G. G. [The punched card method of documental accounting in the national economy]. Per-fokartnyi metod dokumentalnogo ucheta v narodnom khoziaistve. Moskva, Ekonomika, 1967. 134 p.
- Ways to improve the use of the EMRT-2 machine. I. U. S. Pavlenko. Leh. prom. no. 5 39-44 S-O '66.

881.1 (471.41)—Tatar A. S. S. R.

Self-interest of the collective and the efficiency of production. A. Mikhailov. Sots. trud. 12 no. 10 51-53 O '67.

881.1 (477)—Ukrainian S. S. R.

Use of electronic computers in planning for the procurement of petroleum products. V. Besedin, I. U. Finish, P. Al'ov. Mat.-tekhn. snabzhen. 2 no. 7 69-75 Ji '67.

881.1 (571)—Astrakhan R. S. F. S. R.

Selecting the optimal system of the distribution of population in the central Ob' petroleum-producing region. A. S. Peremyslov. Izv. SO AN SSSR Ser. obshchestv. nauk no. 6 65-70 My '67.

681.2 INSTRUMENT MAKING INSTRUMENTATION

- Devices for magnetic analysis of crystalline structure. I. U. A. Vdovin, G. S. Kozlov. Izv. vys. ucheb. zav., prib. 10 no. 10 22-25 O '67.
- An extension of the invariant theory of relations. A. I. Savchenko. Prikl. mat. i mekh. 11 no. 1 13 O '67.
- Basic characteristics of photooptical systems of informational systems. V. S. Zhukovskiy. Izv. vys. ucheb. zav., prib. 10 no. 9 11-12 '67.
- Construction of invariant devices for position measurement. B. N. Putilov, V. A. Vashchenko. Dokl. AN SSSR. 177 no. 1 13-14 '67.
- Design and manufacture of measuring instruments. A. V. Vysotskiy. Sten. izvest. 35 N '67.
- Dilatometer temperature transducer. V. I. Gerasimov, N. M. Bratovskiy, A. P. Gerasimov. Magda. Izv. vys. ucheb. zav., prib. 10 no. 10 13-14 '67.
- Motion of a gyroscope in gliders on a unitary basis. Kh. L. Smolitskiy. Prikl. mekh. 11 no. 1 951-958 S-O '67.
- Selection of circuits of self-oscillators for taking into account parameters of the transducer. A. I. Aish, L. A. Krasin. Izv. vys. ucheb. zav., prib. 10 no. 9 40-44 '67.
- Transmitter of random codes for an electronic device. G. A. Kozlov, E. I. Kuznetsov. Izv. vys. ucheb. zav., prib. 10 no. 9 55-60 '67.
- Use material resources efficiently. A. I. Kuznetsov, M. E. Kuterin. Mat.-tekhn. snabzhen. 2 no. 9 3-5 '67.

681.4 OPTICAL APPARATUS

- Optical length meters. V. M. Danilovich, V. A. Vdovin. Izv. vys. ucheb. zav., prib. 10 no. 10 17-21 O '67.
- Small-scale crystal neutron spectrometers. A. I. Aish, L. A. Krasin. Izv. vys. ucheb. zav., prib. 10 no. 9 40-44 '67.
- Kristallografia. 12 no. 6 1100-1103 Ji '67.

681.8 TECHNICAL ACoustics, MECHANICAL INSTRUMENTS, SOUND REPRODUCTION

- Electronic organ. V. Voloshin. I. U. A. Kiriukov. Radio. 10 no. 12 17-18 D '67.
- Improving the organization of work of engineering technical workers and employees in a machine building plant. M. Kladitskaya, A. Trof'akova. Sots. trud. 12 no. 9 97-109 D '67.
- Measuring vibrations of working parts of machines. I. U. A. Ulmer. Trudy TASHIT no. 33 89-93 '65.

684 (575.1)—Uzbek S. S. R.

- Furniture-66: its prospects and problems. V. A. Vdovin. Ekon. i zidn. no. 7 80-84 '67.

685 SADDLERY, FOOTWEAR, TRAVEL, SPORT, GAMING AND EQUIPMENT

- Changing sizes of shoe insole materials under the influence of atmospheric conditions. M. I. Konstruktov, Nauch.-issl. trudy VNIPIK no. 88-115 '66.
- Conference of Economists of Shoe Manufacturing. V. I. Aksefeld. Leh. prom. no. 5 15-19 S-O '66.
- Cutting shoe materials with a multidevice. V. I. Konstruktov, Nauch.-issl. trudy VNIPIK no. 88-115 '66.
- Development of scientific research works in the shoe industry during 50 years. D. I. Konstruktov. I. rez. 26 no. 11 28-33 '67.
- Gluing of rubber soles without preheating. I. U. A. Kiriukov and others. Leh. prom. no. 5 54-57 S-O '66.
- Importance of the cubic content of materials in the production of plastic lasts. V. L. Pogorilov. I. rez. 26 no. 3 16-18 My-Je '66.
- Press for embossing designs on parts of plastic. I. U. A. Kiriukov, Leh. prom. no. 5 11-17 S-O '66.
- Producing rolled artificial leather on a fitment. V. I. Konstruktov, Nauch.-issl. trudy VNIPIK no. 88-115 '66.
- PVL semiautomatic machine for cutting out leather from the heel. I. U. A. Kiriukov, Leh. prom. no. 3 39-41 My-Je '66.
- Shoe standards. M. K. Kuzmirev and others. I. rez. 26 no. 3 58-60 My-Je '66.
- Study of epoxy resins as structuralizing agent in a material based on carboxyl containing rubber for the lowers of footwear. V. I. Zulkova, P. O. Arkhiv, Nauch.-issl. trudy VNIPIK no. 17 19-24 '66.
- Study of the distribution of vertical loading pressure on the surface of rubber soles in footwear. V. I. Zulkova and others. Nauch.-issl. trudy VNIPIK no. 71-77 '66.
- Study of the resistance to micro-organisms of footwear materials. N. I. Gamova-Krakovskaya, A. I. Kiriukov, M. D. Musatova. Nauch.-issl. trudy VNIPIK no. 17 19-24 '66.
- Study of the thermal field of tubular electric heaters. V. V. Bilozub, A. M. Dykov. Leh. prom. no. 5 54-57 S-O '66.

There is a raw material base, but it has to be developed. N. Pernik, N. Nabokov, Nurkhoz Kazakh, 25 no 12 72-73 D '67

691.2 NATURAL STONE

Cloned trypolite and diatomite used as fillers in light-weight high-strength concretes. A. A. Krupin, B. S. Zaitenberg, Stroi truz VNISTROM no 8 105-114 '66, Effect of sand coarseness on its compaction during vibration. R. I. Chuvpina, L. M. Khaikin, Stroi truz VNISTROM no 8 81-86 '66

691.2 (477)---Ukrainian S.S.R.

Unit for drying sand by air current. B. D. Iakho, I. A. L. S. Stroi truz 13 no 10 24-25 O '67

691.3 ARTIFICIAL STONE CONCRETE, ETC

All-Union State Design and Planning Institute of Machines for the Construction Industry. M. I. Vasil'ev, Stroi truz 12 no 11 30-41 N '67

Concrete strength with fine-dispersed fly ash under conditions of alternating wetting and drying. V. G. Iakho, Stroi truz Uzb 8 no 9 28-32 S '67
Effect of the scale factor on the properties of concrete under dry climatic conditions. V. N. Puzgin, Stroi truz Uzb 8 no 9 32-36 S '67

Experimental study of elastic reinforced eccentrically compressed elements in side from heavy lime concrete during live loads. V. N. Gusakov, E. L. Rozovskii, Stroi truz VNISTROM no 8 263-286 '66

Experimental study of the bearing capacity and deformability of columns in 16-story apartment buildings built from high-strength lime concrete. I. U. I. Drachuk, Stroi truz VNISTROM no 8 206-238 '66

Gas-silicate panels with a waterproof coating. G. Konstantinov, B. Maravin, Stroi truz 21 no 12 19 D '66

Increasing the strength of keramzit by catalyzed crystallization of fusion. P. P. Budnikov and others, Stroi truz 13 no 10 28-30 O '67

Investigating certain problems of dry concreting with sand concrete. V. A. Shmidt, A. D. Mikhaleva, Stroi truz Uzb 8 no 9 30-43 S '67

Reaction between cement acid and the main components of cement stone. G. D. Dzhir, S. S. Titova, Dokl. AN SSSR 176 no 2 392-394 S '67

Showing the efficiency of the concentration of production: as exemplified by the precast concrete industry. A. Ostrovskii, Vest. stal. no 12 56-58 '67

Use of lime concrete in road building. L. N. Leont'ev, K. P. Bel'meva, Stroi truz, VNISTROM no 8 95-104 '66

691.4 EARTH COB. CLAY AND CERAMIC PRODUCTS

Anal'ski, V. K. [Second youth of an ancient material] Vtorai molodost' drevnego materiala. Pod red P. P. Budnikova, Moskva, Stroiizdat, 1967 105 p.

691.5 BINDING MATERIALS PLASTERS, ETC.

Accomplishments and prospects. D. Portugalo, Lkon, Stroi truz 9 no 12 8-13 D '67

New method of manufacturing structural elements made from mineral binders. O. S. Ron'shina, Stroi truz, 14 no 10 37 O '67

Plastic properties of lime-silica paste prepared by the modified quicklime method. E. N. Ikon'tev, Stroi truz, VNISTROM no 8 69-75 '66

Resistance to corrosion of reinforcement in autoclave concretes made from phosphorous slags. G. V. Krasnova, T. M. Tisnova, O. I. Rogacheva, Stroi truz, VNISTROM no 8 76-80 '66

Setting of cements made hydrophobic by organosilicon polyethylhydrosilovane liquid. A. A. Pashchenko, N. M. Kal'mik, Ukr khim zhur 33 no 7 685-689 '67

691.7 METALS, IRON, STEEL

Classification of the nomenclature of rolled ferrous metal products requires improvement. V. Svets, Vest. stal, no 12 58-59 '67

691.8 (471.55)---Chelyabinsk Province

Vainshlein, E. V., and others. [Network planning in the building of an automatic blooming mill in the Chelyabinsk Metallurgical Plant, experience of the "Cheliabinsk Metallurgstroim" Trust] Setevoe planirovaniye na stroitel'stve blumninga-avtomata Cheliabinskogo metallurgicheskogo zavoda, opyt tresta "Cheliabinskmetallurgstroim". Moskva, Stroiizdat, 1967 17 p

693.1 STONEMASONRY

Satin, D. N. [Mason] Kamenshchik, Moskva, Stroiizdat, 1967 76 p. (Mola professia)

693.2 BRICKWORK

Determining the normative resistance of brickwork to axial tension. A. I. Marton'ianov and others, Stroi truz Uzb 8 no 9 13 S '67

693.5 CONCRETING IN SITU

Advantages in adopting formed sections for the reinforcement of mine shafts. M. G. Dzibenko and others, Gor. zhur, 142 no 5 40-43 My '67

Concreting structures in winter. I. S. S. Stroi truz 21 no 12 16-17 D '66

696.1 PLUMBING SANITARY INSTALLATIONS

Lobachev, P. V. [Drainage systems in buildings] Vodo i vodostoki zdaniy. Moskva, Stroiizdat, 1967 105 p.

696.6 ELECTRICAL INSTALLATIONS

Complex raw materials for household and electrical logical porcelain. S. K. Komolovskii, Stroi truz, Loh. prom. no 7 27-29 Mye '67

Russia (U.S.S.R.) Gosudarstvennyi komitet po stroitel'stva. [Price list on the installation of telecommunication equipment] Tsennik na montazh oborudovaniya na telekommunikatsionnykh stantsiyakh. No. 10 [Telecommunication equipment] 1967 381 p.

699.8 PROTECTIVE, PROOFED, INSULATED CONSTRUCTION

Alekseeva, I. G. [Let us protect buildings from fire] Zashchitim zdaniya ot domovyykh pozharov. Ola, Murinskoe knizhnoe izd-vo, 1968 91 p.

At the seminar of workers of the roofing and ing industry. Stroi truz, 14 no 10 36 D '67

Gaidukov, N. S. [Fireproof industrial buildings] Zdanija bezopasnost' promyshlennykh zdaniy. Stroi truz, 1966 224 p.

Mechanism of the extinguishing effect of the foam. N. N. Omba, Izh. st. ship. stroit. no 1 55-56 '66

Zverkova, M. N. [Controlling equipment in fireproof buildings] Vstanovka oborudovaniya v zhylykh domakh. Leningrad, Stroiizdat, 1967 116 p.

699.8 (474.5)---Lithuanian S.S.R. Automatic packing and stitching of mineral wool. G. S. Khmiz, Stroi truz 13 no 10 16 10 D '67

7. THE ARTS, RECREATION, ENTERTAINMENT, SPORT, ETC

7.0 GENERAL WORKS OF INDIVIDUAL ARTISTS

Art life in the Soviet Union. Izkusstvo 10 no 12 '67

[Chronicle of publications of fine arts] Letopis' izobrazitel'nogo iskusstva. no 3 '67

Concern for the leading exponents of culture. Iskustvo 30 no 10 50-51 '67

50 revolutionary years of Soviet art. Iskustvo 10 no 10 10-21 '67

Foreign reviews. Iskustvo 30 no 10 71 72 '67

In the name of spiritual wealth of the free man. B. Iorganson, Iskustvo 30 no 10 2 '67

[Literature and art of the peoples of the U.S.S.R. for foreign countries] Lit. i isk. nar. SSSR i zarubezhnykh stran. no 4 '67

A new brilliant chapter... M. Savolov, Vest. stal. no 9 32-33 '67

Petrograd artists are contributing to the revolution. Oleg Nemtsov, Iskustvo 10 no 10 10 '67

Popularization of fine arts. S. Medovyi, Knizh. razv. 10 no 11 93-95 N '67

With the blood of his heart. L. I. Medvedev, Vest. stal. 30 no 10 83-71 '67

7.0 (5)---Asia

Humanism is the banner of the young art of African countries. B. Veimann, Iskustvo 30 no 10 10 '67

7.0 (6)---Africa

Humanism is the banner of the young art of African countries. B. Veimann, Iskustvo 30 no 10 10 '67

7.01 AESTHETICS, THEORY, TASTE, ETC

Aesthetic research. L. Volovich, Izv. shk. shk. Iskustvo 30 no 10 72 '67

Art and personality. M. S. Kagan, Vop. filoz. 21 no 12 6-13 '67

A club for aesthetic education. L. I. Popovskii, Vest. stal. 45 no 12 67-69 D '66

The means of aesthetic education. V. Shatakin, Vosp. 40 no 11 111-113 '67

A review course. M. I. Aleksandrova, Vech. shk. shkola, 10 no 6 72-79 N-D '67

Slasov, V. V. [Letters to leading exponents of Russian culture] Pis'ma k deistvuyushim russkoi kul'tury. Nauka, Vol. 2. 1967. 319 p.

7.01 (477)---Ukrainian S.S.R.

A club for aesthetic education. L. I. Popovskii, Vest. stal. 45 no 12 67-69 D '66

7.05 APPLICATIONS OF ART IN INDUSTRY, THE HOME, ETC, INDUSTRIAL, COMMERCIAL DESIGN

Aesthetics in the design of electrometallurgical furnaces. L. R. Alavov, Vest. stal. 45 no 11 43-47 N '67

- 444 Czechoslovakia
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 715 DECORATIVE ORNAMENTAL ART HANDICRAFTS
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
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[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 75(437) Czechoslovakia
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 75(474.5) Lithuanian S. S. R.
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[Lithuanian, Russian, English, and German]
- 75(5) Asia
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[Lithuanian, Russian, English, and German]
- 76 ENGRAVING PRINTS
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 76(574) Kazakh S. S. R.
[Theatrical art in the Czech Republic] Vychodná škola
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[Theatrical art in the Czech Republic] Vychodná škola
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- 76(471.341) Cork, Province
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
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[Theatrical art in the Czech Republic] Vychodná škola
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[Theatrical art in the Czech Republic] Vychodná škola
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10 no. 63-71 N. D. '67.
- 78(474.2) Estonian S. S. R.
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 78(477) Ukrainian S. S. R.
[Theatrical art in the Czech Republic] Vychodná škola
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- 78(495) Greece
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- 78(571.14) Novosibirsk Province
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10 no. 63-71 N. D. '67.
- 79 ENTERTAINMENT. PASTIMES. GAMES. SPORT
[Theatrical art in the Czech Republic] Vychodná škola
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- 79(471.232) Leningrad City
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 79(474.5) Lithuanian S. S. R.
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 791.4 FILMS, MOTION PICTURES
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 792 THEATER. DRAMATIC PERFORMANCES
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 792(41) United Kingdom and Northern Ireland
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 792(436) Austria
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 792(437) Czechoslovakia
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 792(471.310) Moscow City
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 792(471.332) Smolensk Province
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 792(474.2) Estonian S. S. R.
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 792(474.5) Lithuanian S. S. R.
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 792(497.2) Bulgaria
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 792(571.14) Novosibirsk Province
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.
- 792(571.51) Krasnoyarsk Territory
[Theatrical art in the Czech Republic] Vychodná škola
10 no. 63-71 N. D. '67.

792(571.63)—Maritime Territory

"The break" after 40 years Viktor Kalish Teatr 28 no. 9-41-43 S '67

792(575.4)—Turkmen S S R

A hymn of love K Keimui Teatr 28 no 9 43-44 S '67

792(729)—West Indies

The address Studio Theater Havana I Bek, Teatr 28 no. 9 156-158 S '67

795 SPORT GAMES, ATHLETICS

An "ambassador" of health Z A Starovaitova, Teor i prak fiz, kul't 29 no 3 2-1 M '67

As our great Lenin taught us Teor i prak, fiz, kul't 30 no 4 3-4 Ap '67

Bibliography, Teor i prak fiz, kul't 20 no 3 77-78 M '67

Biochemical foundations of athletes' endurance N I. Volkov, Teor i prak fiz, kul't 30 no 1 19-26 Ap '67

Brief news Teor i prak, fiz, kul't 28 no 3 79-80 M '67

Brief news Teor i prak, fiz, kul't 30 no, 4 78-80 Ap '67

The "Burevestnik" Sports Club at the Anniversary Sparta-Klubo, G I Usenin Vest vys, shkoly 25 no 10 25-26 O '67

Cardio-respiratory system of young skaters and the development of their muscle strength B F Drabkin, O S Elizavova, V A Orlov Teor i prak, fiz, kul't 30 no 2 14-17 F '67

Changed form of the vaults of feet caused by calisthenics S M Senatorova, V V Anan'ev, Teor i prak fiz, kul't 30 no, 2 51-52 F '67

A comparative analysis of ice passing techniques in volleyball A V Ivolev Teor i prak, fiz, kul't 30 no 11 34-37 N '67

Conditions for attaining higher efficiency of racing over a distance A B Gandel'man Teor i prak fiz, kul't 30 no 4 15-18 Ap '67

Consultations, Teor i prak fiz, kul't 29 no, 3 56-70 M '67

Coordination of movements as a methodological means of training and improvement K N Shokhet Teor i prak fiz, kul't 29 no, 3 7-9 M '67

Coordination and development of physical ability in ski racers V G Menchikov, G B Chupardin, Teor i prak fiz, kul't 29 no 3 11-12 M '67

A correlational model of the structure of the gliding ski stride Kh, Kh, Gross, I K Volodun, Teor i prak, fiz, kul't 30 no, 2 5-7 F '67

Determination of the typological characteristics of the leg and nervous activity in athletes IU D Pevnei Teor i prak fiz, kul't 29 no, 3 35-38 M '67

A device for recording the parameters of dynamic and vegetative functions in ski racers over a distance, N A Korlagin Teor i prak, fiz, kul't 29 no, 3 28-29 M '67

A device for studying the time and strength parameters of the ski jumper's push-off, A A Askaniy, I A, Rutsko, Teor i prak, fiz, kul't 30 no, 11 30-33 N '67

Disease incidence, physical training, and labor productivity A D Timofeev Teor i prak fiz, kul't 30 no, 4 64 Ap '67

Dynamic character of movements during gymnastic exercises on the rings E V Kopylov, I P Blokhin, Teor i prak fiz, kul't 29 no 3 20-33 M '67

Effect of an exhaustive training load on the cardiovascular system of young athletes IU K Lukashchuk, Teor i prak, fiz, kul't 29 no 3 13-45 M '67

Effect of isometric training at the various angles of joints on the strength and speed of movement, V M, Zaslavskii, IU I Smilnov, A I Mikheev, Teor i prak, fiz, kul't 30 no 11 24-27 N '67

Effect of the athlete's weight on the results of exercises for the development of his swiftness and strength, G S Tumanian, V F Bubanin, Teor i prak, fiz, kul't 29 no 3 26-28 M '67

The efficiency of ski racers, N A Korlagin, Teor i prak, fiz, kul't 30 no, 2 7-10 F '67

Electrocardiometric methods in studying the extent of the bar's deformation, B V Minenkov Teor i prak, fiz, kul't 30 no, 2 18-21 F '67

Endocrinology in the service of sports medicine, I S, Khoral, Teor i prak, fiz, kul't 30 no 4 60-62 Ap '67

Ensuring hygienic conditions for gymnastic exercises at industrial enterprises IA M Bogdanov, Teor i prak, fiz, kul't 30 no 4 62-63, 65 Ap '67

Erythrocyte sedimentation reaction in skaters, M A, Efman, V G Polovtsev, N A Pampua, Teor i prak, fiz, kul't 29 no 3 33-35 M '67

Experience in radioelectrocardiographic studies during the training of young skaters, V G Polovtsev, Teor i prak, fiz, kul't 30 no, 11 41-45 N '67

Functional state of the cardiovascular system of mountain climbers during the ascent of Khan Tengri Peak, N A Agadzhanian and others, Teor i prak, fiz, kul't 30 no 2 39-41 F '67

The Great October Revolution and the international sports movement A O Romanov, Teor i prak, fiz, kul't 30 no, 11 5-10 N '67

Glanoble on the eve of the Winter Olympics IU, Hochkarev Nov viem 25 no 3 29-30 Ja '68

Gymnastic exercises in industrial enterprises, S L Feigin Teor i prak, fiz, kul't 30 no 11 52-53 N '67

In a short time Sh Z Gusek, Nach shkola 35 no, 10 83-84 O '67

In foreign countries Teor i prak, fiz, kul't 30 no, 11 74-77 N '67

Indicators of the athletic skill of young fencers, wrestlers, and prize fighters, T A Tretlova, Teor i prak fiz, kul't 30 no, 11 46-48 N '67

Influence of anthropometric factors on the hydrodynamics of swimmers B I Omprienko Teor i prak fiz, kul't 30 no 11 47-53 Ap '67

Influence of athletic exercises on the movability and structure of the hands K L Kkina, E L Supriaga Teor i prak fiz, kul't 30 no 4 58-60 Ap '67

Influence of preloading activity on the capacity of athletes for work, I P Trachev Teor i prak, fiz, kul't 30 no, 2 28-29 F '67

Many-sided statistical analysis of the somatometric characteristics of wrestlers in the various classes of weight, L G Martynov and others Teor i prak, fiz, kul't 30 no 2 18-19 F '67

Kree, V A, and V B Popov [Hop, step and jump] Teknol priykh Moskva, Fizkul'tura i sport, 1966 95 p (Bibliotekakh logkosti)

Methods for the training of weight lifters, S G Filanovskii Teor i prak, fiz, kul't 29 no 116-19 M '67

The moral education of athletes V V Belousov, Teor i prak fiz, kul't 30 no 11 62-64 N '67

New forms of the work of medical centers for athletes, B I Utevska Teor i prak, fiz, kul't 30 no, 11 68-71 N '67

New methods for the evaluation of training A G Dembo and others Teor i prak, fiz, kul't 29 no 3 30-33 M '67

New ways to raise the skill of the women gymnasts who perform on the bars I L Rozen Teor i prak, fiz, kul't 30 no 2 12-14 F '67

Objective criteria for the evaluation of the highest professional skill in sports V M D'achkov Teor i prak fiz, kul't 30 no 4 12-15 Ap '67

Only the first R Pollakova Sov voia 48 no, 16 16-17 S '66

Our consultation, Teor i prak, fiz, kul't 30 no, 2 61-67 F '67

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Rheographic method of studying blood circulation in bicycle racers G V Mollenberg, P P Ozolin' Teor i prak fiz, kul't 29 no 3 38-40 M '67

The same and yet different, O Spasskil, Mol, komm, no 10 124-127 '67

Scientific quests, Teor i prak, fiz, kul't 30 no, 2 56-61 F '67

Skiing over the pits, V B Mel'nikov, Teor i prak fiz, kul't 30 no, 4 40-45 Ap '67

Sodium and potassium in athletes' blood and saliva and their blood serum protein fractions during training, M L Aslanian, L S Manasian, Teor i prak, fiz, kul't 30 no, 2 53 F '67

Soviet physiology of sports, V S Farfel, Teor i prak, fiz, kul't 30 no 11 38-40 N '67

The speed of movements in vaulting A N Matorin Teor i prak fiz, kul't 29 no, 3 10-20 M '67

Sportive and practical aspects of physical education, N I Ponomarev Teor i prak, fiz, kul't 30 no, 4 8-11 Ap '67

Sports in foreign countries, Teor i prak, fiz, kul't 30 no 2 71-76 F '67

Sports in foreign countries, Teor i prak fiz, kul't 30 no 1 68-75 Ap '67

Sports interests of college youth, B P Sheherbabin, Teor i prak, fiz, kul't 30 no, 11 58-61 N '67

Sports news, Vest, vys, shkoly 25 no, 10 59 O '67

Stability of the firearm and the results of shooting in the biathlon depending on the load of various intensities, M A Bregman, IA I Savitskii, Teor i prak fiz, kul't 30 no, 4 36-40 Ap '67

Standard requirements of the Soviet system of physical education, IU M Arestov, Teor i prak, fiz, kul't 30 no 4 65-66 Ap '67

The state of the psychological readiness of athletes for a contest, A TS Punt, Teor i prak, fiz, kul't 30 no, 4 27-30 Ap '67

Strictness of the repetition of habitual and nonhabitual angular angles by athletes, N Z Obukhova Teor i prak fiz, kul't 30 no, 2 45-47 F '67

The stroke in skating contests, N V Ushanov, Teor i prak, fiz, kul't 30 no, 1 45-47 Ap '67

The TV₁ > TV₂ syndrome in athletes, A A Penkovich, T M, Chelviakova, Teor i prak fiz, kul't 30 no, 2 45-56 F '67

Taking into account the typological characteristics of athletes in the analysis of their training load, N D, Sinani, Teor i prak, fiz, kul't 30 no 2 25-28 F '67

Theoretical aspects of developing the basic principles of the Soviet school of sports, L P Matveev, Teor i prak, fiz, kul't 30 no, 11 11-14 N '67

Theoretical corroboration of athletic skill, D D Donskoi, I N Puchbra-henski, M L Ukian Teor i prak fiz, kul't 30 no, 11 14-17 N '67

Theoretical problems of sport techniques D D Donskoi Teor i prak, fiz, kul't 29 no 3 1-6 M '67

Today everyone is at the stadium, N O Arina, B Ivanov Sov voia 18 no 16 38-41 Ag '66

Use of hypoxia in the training of athletes, F A, Iordan-skaia Teor i prak, fiz, kul't 30 no, 2 32-35 F '67

Use of loadiness stress in the development of strength A V Fovalik Teor i prak fiz, kul't 30 no, 2 44-45 F '67

Using the special and general methods of physical training in the training of women ski racers N G Trushkina Teor i prak fiz, kul't 29 no 3 15-16 M '67

Ways to develop the pedagogical skill of future sking instructors V F Artemov Teor i prak, fiz, kul't 30 no, 11 71-73 N '67

Ways to study and setam in memory the distance in ski races, V F Kozhokin Teor i prak fiz, kul't 30 no 2 10-11 F '67

We welcome the 50th anniversary of the October Revolution, Teor i prak fiz, kul't 30 no 11 2-4 N '67

796(431)—German Democratic Republic

Brief news Teor i prak, fiz, kul't 30 no 2 77-80 F '67

796(471 322)—Lipetsk Province

Visiting places of battle glory, V Savell'ev Priof, -tekhn, obz 34 no 5 26-29 M '67

796(474.2)—Estonian S S R

Sports are helping the work, I I Panim Sred, spets obz 11 no, 11 38-39 N '66

796(540)—India

Sport in foreign countries Teor i prak fiz, kul't 29 no 3 71-77 M '67

796(72)—Mexico

Bicycle racing in the median zone of a mountain region, V A Bakhvalov, Teor i prak fiz, kul't 30 no 2 29-32 F '67

796(73)—United States of America

Psychological training of the swimmers of the U.S.A N A Rutovich Teor i prak fiz, kul't 30 no, 1 30-33 Ap '67

799 FISHING, HUNTING, SHOOTING

Correlation between the distribution of strength over a distance and the results of shooting contests in two events IA I Savitskii Teor i prak fiz, kul't 29 no 9 12-15 M '67

8. LITERATURE, BELLES LETTRES

80 LITERARY SCIENCE AND TECHNIQUE

Abdullaev, V M, [For the Soviet regime in Turkestan; the struggle against Uzbek guerrillas in the literary works of A. Pletnev, G. Dzhuabaev, and M. Sheverdin] Za vlast' Sovetov v Turkestane, tema boi 'by s basma- chestvom v priozvedenikh A Pletneva, G Dzhuabaeva i M. Sheverdina. Tasikent, Izd-vo Khudzh. lit-y im Gafura Gulnara, 1967. 108 p.

Everybody needs a useful book, V Muntanoli, Knizh, torg. 18 no, 12 24 D '67

Evania, E M, [West European realism at the end of the 18th and early 20th century] Zapadnoevropeiskii realizm na rubezhe XIX-XX vekov Moskva, Nauka, 1967 280 p

[Literature and art of the peoples of the U.S.S.R. and foreign countries] Lit i iskp. na SSSR i zaub, stran no. 4 '67

The nature of realism of the 18th century, I A, Dubashinskii, Nauch, dokl, vys, shkoly, filol nauki 10 no, 4 100-108 '67

[New foreign literature on the study of literature] Nov, inostr lit po lit. no. 10 '67

[New Soviet literature on the study of literature] Nov, sov. lit. po lit. no. 10 '67

Paustovskii, K G, [Along with autumn; portraits, reminiscences, sketches] Naedine s osen'iu; portrety, vospominaniia, ocherki. Moskva, Sov. pisatel', 1967 269 p.

The poet and the norm, V P Grigor'ev, Rus, rech' no, 1 10-18 Ja-F '67

Popularization of literature in industrial enterprises, Sidor Szoke, Knizh, torg. 18 no, 12 13-14 D '67

Results of the work done on scientific and technical translation V O Belogol'skii NTI Ser. 1 no. 2 19-24 '67

A review course, M I Aleksandrova, Vech, sred, shkola, 10 no, 6 72-70 N-D '67

Soviet criticism of socialist realism in foreign literature, R M Samarin, Nauch, dokl, vys, shkoly, filol, nauki, 10 no, 5 16-26 '67

Zhabitskaia, L G, [Works on literature as a means of development of independent thought, results of psychological analysis] Sochnenie po literaturo kak sredstvo razvitiia samostoiatel'nogo myshleniia, opyt psikhologicheskogo analiza. Kishinev, Lumina, 1967. 89 p.

80(6)—Africa

[Belles-letters of African countries in European languages, books. Bibliography] Khudozhestvennaya literatura stran Afriki na evropeiskikh yazykakh, knigi Bibliografiya Moskva, 1967 52 p

83 1 ENGLISH LITERATURE

Attention, "Macbid" I Kovalev. Teatr 28 no 9, 152-156 S '67

—Coleridge, S. T.

Problem of the aesthetic views of Coleridge and Wordsworth, from the history of romanticism in England. N. I. Dzhukova. Nauch. dokl. vys. shkoly, filol. nauki 10 no 4, 24-36 '67

—Copper, J. F.

Bobrova, M. N. [James Fenimore Cooper: a sketch of his life and work] Dzhimis Fenimor Kuper, ocherk zhizni i tvorchestva Saratov, Pivoltzhskoe knizhnoe izd-vo, 1966 210 p

—Giovannetti, A.

Arturo Giovannetti's views about the Great October Socialist Revolution. I. F. Zhuravlev. Nauch. dokl. vys. shkoly, filol. nauki 10 no 5, 80-91 '67

—MacDiarmid, H.

Verse about Lenin by MacDiarmid, V. S. Akhrushchev. Nauch. dokl. vys. shkoly, filol. nauki 10 no 5, 68-70 '67

—Wordsworth, W.

Problem of the aesthetic views of Coleridge and Wordsworth, from the history of romanticism in England. N. I. Dzhukova. Nauch. dokl. vys. shkoly, filol. nauki 10 no 4, 24-36 '67

84 ROMANCE LITERATURE

Panofsky's laughter and the philosophy of culture. L. M. Batkin. Vop. filosof., 21 no 12, 111-123 '67

—Cervantes, S. M.

The mirror of an era. N. M. Severikova. Sred. spets. obz. 11 no 11-10-51 N '66

85 SLAVIC AND BALTI LITERATURE

The development of White Russian studies on the history of Slavic literatures. A. Mal'dis. Sov. slav. no 1130 133 Ji-Ag '67

"Riddles of the mind", notes of a reader. L. K. Sov. slav. no 1133 Ji-Ag '67

A scientific conference on the problems of Soviet children's literature at the Institute of Slavistics of Göttingen and University of Göttingen. K. Runge. Nauch. dokl. vys. shkoly, filol. nauki 10 no 4, 131-132 '67

882 RUSSIAN LITERATURE

At the start of a new day. I. Prusakov. V mire knig 7 no 9, 29-30 '67

Battle at the table. IU Chernyak. Teatr 28 no 9, 12-34 S '67

"The break" after 40 years. Viktor Kalish. Teatr 28 no 9, 41-43 S '67

The compass of theory. L. Alsetman. Nar. obz. no 8, 42-48 Ag '67

Dramatization of "War and peace" on the Russian stage. N. A. Roshchina. Uch. zap. GGU no 77, 175-188 '65

Frightened realism in Russian literature. V. I. Glukhov. Nauch. dokl. vys. shkoly, filol. nauki 10 no 4, 91-99 '67

Facts, finds, and information. V mire knig 7 no 9, 46-47 '67

Folk tales of the seventies. G. V. Krasnov. Uch. zap. GGU no 77, 201-210 '66

How to read... Z. Vladimirova. Teatr 28 no 9, 37-40 S '67

A hymn of love. K. Keim. Teatr 28 no 9, 13-44 S '67

I am giving praise to my native country. A. Surkov. V mire knig 7 no 9, 26-28 '67

Isakovlev, B. V. [Image of Lenin in Soviet prose in the 1960s] Obraz Lenina v sovetskoy proze 60-kh godov Moskva, Znanie, 1967, 63 p (Novoe v zhizni, nauke, tekhnike. VI Seriya. Literatura, 11)

The ideal of the artists of the revolution. I. M. Dubrovina. Nauch. dokl. vys. shkoly, filol. nauki 10 no 5, 17-37 '67

In defense of the "king". V. D. Levin. Rus. rech' no 1, 20-29 Ia-I '67

Main's fair. L. Davydova. Teatr 28 no 9, 29-31 S '67

Our New Year's interviews. Sov. iust. no 1, 22-25 Ja '68

[Outline history of Russian culture; from ancient times to 1917] Kratkiy ocherk istorii russkoy kul'tury, s drevnelikh vremen do 1917 goda. Leningrad, Nauka, 1967, 651 p

A play about courage. K. Sheerbinov. Teatr 28 no 9, 25-28 S '67

The poet and the norm. V. P. Orlov. Rus. rech' no 1, 10-19 Ja-F '67

Reading material for the anniversary. V. mire knig 7 no 9, 39-41 '67

The role of "Pravda" in the development of Soviet literature during the period of the Great Patriotic War. M. A. Nazarov. Vop. rus. lit. no 2, 127-131 '66

Romance of accomplishments. A. Naldev. V mire knig 7 no 9, 24-25 '67

Some results of the study of the heritage of our great authors. N. A. Gilev. Nauch. dokl. vys. shkoly, filol. nauki 10 no 5, 41-46 '67

The Soviet book abroad. V. mire knig 7 no 9, 44-45 '67

Soviet criticism on the concept of the personality in literature of the beginning of the twenties. L. P. Berezikova. Vop. rus. lit. no 2, 120-126 '66

Soviet plays on Pushkin. O. D. Orshin. Vop. rus. lit. no 2, 93-102 '66

Theoretical experience in Soviet literary criticism. A. Masnik. Kommunist 44 no 1, 80-92 Ja '68

The time of creative work and discovery. V. Sheerbinov. Mol. komm. no 10, 118-122 '67

—Bagritskii, E.

The evolution of Eduard Bagritskii's romanticism. K. M. Bugaeva. Vop. rus. lit. no 2, 73-78 '65

The image of Pushkin in E. Bagritskii's poetry. G. M. Kraevskaya. Vop. rus. lit. no 2, 79-86 '64

—Chekhov, A. B.

Composition and image relations in the tales of Tolstoy and Chekhov ("Childhood", "The steppe"). A. F. Vinogradov. Uch. zap. GGU no 77, 13-103 '66

—Derzhavin, G. R.

Serman, I. Z. Derzhavin. Leningrad, Prosvetsheniye, 1967, 117 p (Biblioteka slovesnika)

—Efremov, A. F.

Aleksai Fedotovich Efremov, the 80th anniversary of his birth. B. P. Vorob'ev, N. A. Serebrennikov. Nauch. dokl. vys. shkoly, filol. nauki 10 no 4, 140-141 '67

—Fadееv, A. A.

A. A. Fadееv's heritage in literary criticism: objectives and results of a study. T. V. Ivashina. Vop. rus. lit. no 2, 111-119 '65

Unfinished color in A. Fadееv's novel "The young guard". N. P. Kozlov. Vop. rus. lit. no 2, 62-72 '66

—Gaidar, A. P.

The Third Interuniversity Conference in Arzamas in memory of Gaidar. V. V. Osinov. Nauch. dokl. vys. shkoly, filol. nauki 10 no 4, 133-135 '67

—Gogol', N. V.

The early works of A. N. Tolstoy and controversies about the classics; an artistic interpretation of the tale by N. V. Gogol', "The portrait". V. I. Baranov. Nauch. dokl. vys. shkoly, filol. nauki 10 no 4, 109-117 '67

—Gork'ii, M.

A. M. Gork'ii and B. A. Lavrenev, A. M. Gork'ii's role in the aesthetic search of B. A. Lavrenev in the 1920's and 1930's. M. N. Sorokina. Vop. rus. lit. no 2, 35-40 '66

The clerical press in the struggle against M. Gork'ii's atheism. D. M. Stepanuk. Vop. rus. lit. no 2, 30-34 '66

Ideological history of M. Gork'ii's poem "Man". N. K. Piskunov. Vop. rus. lit. no 2, 5-18 '66

Some genre and compositional characteristics of M. Gork'ii's play "The old man". N. F. Vinnik. Vop. rus. lit. no 2, 19-24 '66

Traits of M. A. Gork'ii as a contemporary and writer as revealed in his letters of the twenties. T. D. Martynets. Vop. rus. lit. no 2, 25-29 '66

—Hertzen, A. I.

Principles of character portrayal in Hertzen's "My past and thoughts". N. G. Vladimirova. Nauch. trudy TashGU no 280 Filol. nauki no 33, 65-81 '65

—Karamzin, N. M.

Tolstoy and N. M. Karamzin. T. S. Karlova. Uch. zap. GGU no 77, 104-114 '65

—Kol'tsov, A. V.

Language and style of A. V. Kol'tsov's verse. V. I. Chernyshev. Rus. rech' no 5, 12-28 S-O '67

—Lavrenev, B. A.

A. M. Gork'ii and B. A. Lavrenev, A. M. Gork'ii's role in the aesthetic search of B. A. Lavrenev in the 1920's and 1930's. M. N. Sorokina. Vop. rus. lit. no 2, 35-40 '66

Baris Lavrenev's forgotten articles and criticisms. B. Geronimus. Nauch. trudy TashGU no 280 Filol. nauki no 33, 38-48 '65

—Leonov, L. M.

Character, subject, and undercurrent. L. Leonov's "Evgenia Ivanovna". N. M. Malakhov. Nauch. trudy TashGU no 280 Filol. nauki no 33, 5-16 '65

—Lugovskoi, V. A.

"The world of small peace" and the "Great anxiety": revolution's some characteristics of the experience of character in V. Lugovskoi's lyrics of the 1920's. IU A. Morits. Nauch. trudy TashGU no 280 Filol. nauki no 33, 22-31 '65

—Lukitskii, P. N.

Literary originality of P. Lukitskii's novel "Mestnaya". L. V. Bulkina. Nauch. trudy TashGU no 280 Filol. nauki no 33, 59-61 '65

—Makarenko, A. S.

A. N. Tolstoy's novel "Peter I" in the evaluation of A. S. Makarenko. M. F. Getmantsev. Vop. rus. lit. no 2, 35 '66

—Malysukin, A. G.

The author and his hero. A. Malysukin's tale "Serebryanaya pol". E. P. Shtukova. Vop. rus. lit. no 2, 72-73 '65

—Mamin-Sibiriak, D. N.

Some features of Pepko's life, an ideological portrait. D. N. Mamin-Sibiriak. L. P. I. Akimova. Izv. SSSR Ser. obshchestv. nauk no 6, 119-123 My '67

—Nekrasov, N. A.

The Third Interuniversity Conference of Linguists, Nekrasov Scholars. N. F. Kravtsova, V. F. Mazhuk. Nauch. dokl. vys. shkoly, filol. nauki 10 no 4, 117-118 '67

—Paustovskii, K.

The problem of romanticism in K. Paustovskii's aesthetics. S. F. Shchelkova. Vop. rus. lit. no 2, 92 '66

—Plekhanov, G. V.

The development of a well-known idea: marginal notes. G. V. Plekhanov on the works of Nikolai Uspenskiy. F. I. Nikolayev. Nauch. dokl. vys. shkoly, filol. nauki 10 no 4, 118-122 '67

—Pushkin, A. S.

Akademiya nauk SSSR. Pushkinskaya komissiya. [Circular of the Pushkin Committee, 1964] Vremennyye P. I. kinskoj komissii, 1964 Leningrad, 1967 80 p

Gestures and mimicry in A. S. Pushkin's dialogues. V. A. Odintsov. Rus. rech' no 1, 30-36 Ja-F '67

[Pushkin, research and materials] Pushkin, issledovaniya i materialy Leningrad, Nauka, 1967 393 p

—Saltykov-Shchedrin, M. E.

The author and the image of the narrator in the novels of M. E. Saltykov-Shchedrin. V. I. Kozlov. Nauch. dokl. vys. shkoly, filol. nauki 10 no 4, 13-21 '67

Basilevsky or Bunakov? New data about Shchedrin. I. I. Trofimov. Nauch. dokl. vys. shkoly, filol. nauki 10 no 4, 123-126 '67

—Sholokhov, M. A.

Two stories, one fate. A. Naumov. Nauch. trudy TashGU no 280 Filol. nauki no 33, 17-21 '65

The tragic in M. Sholokhov's novel "Virgin soil captures". S. N. Shoshurva. Vop. rus. lit. no 2, 101-108 '66

—Tolstoy, A. N.

A. N. Tolstoy on the "leaders of creativity". A. I. Dublitskiy. Vop. rus. lit. no 2, 56-61 '66

A. N. Tolstoy's novel "Peter I" in the evaluation of A. S. Makarenko. M. F. Getmantsev. Vop. rus. lit. no 2, 35 '66

The beginnings of A. N. Tolstoy's work. L. I. Zvereva. Vop. rus. lit. no 2, 45-48 '66

The early works of A. N. Tolstoy and controversies about the classics; an artistic interpretation of the tale by N. V. Gogol', "The portrait". V. I. Baranov. Nauch. dokl. vys. shkoly, filol. nauki 10 no 4, 109-117 '67

—Tolstoy, L. N.

Composition and image relations in the tales of Tolstoy and Chekhov ("Childhood", "The steppe"). A. F. Vinogradov. Uch. zap. GGU no 77, 13-103 '66

Creative associations. M. S. Altman. Uch. zap. GGU no 77, 21-226 '66

Creative history of L. N. Tolstoy's works. N. K. Piskunov. Uch. zap. GGU no 77, 326-356 '66

Dramatization of "War and peace" on the Russian stage. N. A. Roshchina. Uch. zap. GGU no 77, 175-188 '65

Folk tales of the seventies. G. V. Krasnov. Uch. zap. GGU no 77, 201-210 '66

Dimers' court case and L. N. Tolstoy's play "The living corpse". V. A. Zhdanov. Uch. zap. GGU no 77, 252-271 '66

Historical background of "War and Peace". V. V. Pugachev. Uch. zap. GGU no 77, 149-174 '66

- Interrelationship of the characters Pierre Bezukhov and Kutuzov. V. V. Fedorov. Uch. zap. GGU no. 77 131-141 '66.
- Landscapes in the novels of Tolstol and Turgenev. N. M. Fortunatov. Uch. zap. GGU no. 77 25-56 '66.
- Literature on L. N. Tolstol for 1962-1963. A. D. Zaidman. Uch. zap. GGU no. 77 293-325 '66.
- The prologue of "War and peace." E. G. Babaev. Uch. zap. GGU no. 77 115-122 '66.
- The Russian Bezukhov and the Frenchman Ramballe. G. V. Krasnov. Uch. zap. GGU no. 77 123-130 '66.
- Satiric characteristics in the works of Tolstol and Turgenev. N. V. Atkim'eva. Uch. zap. GGU no. 77 57-72 '66.
- Structure of the characters in the novel "Anna Karenina." Uch. zap. GGU no. 77 227-251 '66.
- Tolstol and N. M. Karamzin. I. S. Karlova. Uch. zap. GGU no. 77 101-114 '66.
- Tolstol's preface to the novel "The cad" by E. Orzeszkowa. Uch. zap. GGU no. 77 272-289 '66.
- Tolstol's work on the image of Natasha Rostova. F. Meteva. Uch. zap. GGU no. 77 112-118 '66.
- Turgenev's "A sportsman's sketches" and the work of Tolstol. G. V. Krasnov. Uch. zap. GGU no. 77 7-24 '66.

—Turgenev, I. S.

- Landscapes in the novels of Tolstol and Turgenev. N. M. Fortunatov. Uch. zap. GGU no. 77 25-56 '66.
- Satiric characteristics in the works of Tolstol and Turgenev. N. V. Atkim'eva. Uch. zap. GGU no. 77 57-72 '66.
- Turgenev's "A sportsman's sketches" and the work of Tolstol. G. V. Krasnov. Uch. zap. GGU no. 77 7-24 '66.

—Tvardovskii, A.

- The word "dal'" in A. Tvardovskii's poem "Beyond the horizon." S. G. Kapalova. Rus. rech' no. 5 29-30 S-O '67.

—Uspenskii, N. V.

- The development of a well-known idea; marginal notes of G. V. Plekhanov on the works of Nikolai Uspenskii. P. A. Nikolaev. Nauch. dokl. vys. shkoly, filol. nauki 10 no. 1 118-122 '67.
- The Russian village in the last period of the works of N. V. Uspenskii, the seventies and eighties of the 19th century. T. V. Panin'eva. Nauch. trudy TashGU, no. 280. Filol. nauki no. 33 95-100 '65.

—Venevitinov, D. V.

- News on Venevitinov. L. Taratkovskaya. Nauch. trudy TashGU no. 280. Filol. nauki no. 33 82-91 '65.

—Zabolotskii, N. A.

- "Thought, image, music" in the poetry of N. A. Zabolotskii. I. I. Rostovtseva. Nauch. dokl. vys. shkoly, filol. nauki 10 no. 1 3-12 '67.

883 UKRAINIAN LITERATURE

- Dorovyykova, L. I. [Complete collected works] Povno zbirannya tvoriv. Kyiv, Naukova dumka, 1967. 279 p.
- National history and historical fiction. M. T. Ravliuk. Ukr. ist. zhur. 11 no. 8 72-71 Ag '67.

—Bazhan, M. P.

- Symposium of Mykola Bazhan's poetic speech. S. IA. I. Kromenko. Movenyavstvo 1 no. 1 76-81 Ia-F '67.

—Jasienski, B.

- Bruno Jasienski's novel "I am burning Paris": problems and literary originality. A. O. Davshan. Nauch. trudy TashGU, no. 280. Filol. nauki no. 33 48-50 '65.

—Orzeszkowa, E.

- Tolstol's preface to the novel "The cad" by E. Orzeszkowa. Uch. zap. GGU no. 77 272-289 '66.

—Prus, B.

- Verbyts'kyi, P. P. [Boloslaw Prus; his work] Boloslaw Prus; tvor chisl'. Kharkiv, Vyd-vo Kharkivskoho univ., 1967. 250 p.

888 BALTIC LITERATURE

- Galinis, V., and others. [The Great October Socialist Revolution and Lithuanian literature] Didzioji spalio socialistine revoliucija ir lietuviu literatūra. Vilnius, Vaga, 1967. 449 p. [In Lithuanian]

—Montvila, V.

- [Recollections of V. Montvila] Atsiminimai apie V. Montvila. Vilnius, Vaga, 1966. 469 p. [In Lithuanian]

894.1 URAL-ALTAIC LITERATURE

- Topical classification and some ideological and artistic characteristics of Altai epic poetry. S. S. Katash. Izv. Alt. gos. ob-va SSSR no. 6 121-127 '65.

9. GEOGRAPHY, BIOGRAPHY, HISTORY

91 GEOGRAPHY, EXPLORATION AND TRAVEL

- Atheistic education in geography classes in the 5th grades. A. K. Verzhina. Uch. zap. Kal. gos. ped. inst. 50 45-57 '67.

- Atheistic education of students in economic geography classes. V. I. Kononova. Uch. zap. Kal. gos. ped. inst. 50 58-71 '67.

- [Countries of the world; a brief political and economic reference book] Strany mira, kratkii politiko-ekonomicheski spravochnik. Moskva, Politizdat, 1967. 502 p.

- The first graduates of the Geographical Department of the Faculty of the Training of Teachers in Moscow University. A. A. Vidina, G. M. Lappo. Vest. Mosk. un. Ser. 5 Geog. 22 no. 6 133-115 N-D '67.

- [Geography] Ref. zhur. Geog. no. 12 D '67.

- Questions of atheistic education in geography and biology classes of secondary schools. V. G. Kalmykova. Uch. zap. Kal. gos. ped. inst. 50 36-15 '67.

- System of the economic geography course in the institutions of higher education. A. M. Moshkin. Uch. zap. Sver. gos. ped. inst. no. 34 82-98 '66.

91(471.232)—Leningrad City

- [The Great October Revolution took place here; visiting places of the armed uprising in Petrograd] Zdes' svershalsia Veliki Oktabr', po mestam vooruzhennogo v Petrograde. [Leningrad] Lenzitdat, 1967. 242 p.

91(471.311)—Moscow Province

- Ivanov, V. I., V. Barsukov, and G. Fedukin. [Places to visit in the Moscow region; a guidebook to tourist places] Podmoskovnye mesta, putevoditel' po istoriam turistam. Moskva, Mysl', 1967. 380 p.

91(471.314)—Vladimir Province

- [Through Vladimir Province; a guidebook] Po zemle Vladimirskoi; putevoditel'. Iaoslavl', Verkhne-Volzhskoe knizhnoe izd-vo, 1967. 194 p.

91(477)—Ukrainian S. S. R.

- Using the materials of the 23d Congress of the Communist Party of the Ukraine in the study of geography of the Ukrainian S. S. R. I. I. Svarycheva. Kyi. Rad. shk. 10 no. 8 17-19 Ag '67.

91(477.6)—Donets Basin

- Slaviansk. [Kiev, Mystetstvo, 1965] 1 v.

91(477.6)—Western Ukraine

- Pashuk, A. I., and I. S. Dorkach. [Lvov; a guidebook] Lviv, putivnyk. Lviv, knyzhkovo-zhurnal'ne vyd-vo, 1960. 145 p.

91(571)—Asiatic R. S. F. S. R.

- The new research methods at the Third Conference of the Geographers of Siberia and the Far East. V. A. Krotov. Izv. SO AN SSSR Ser. obshchestv. nauk. no. 6 3-5 My '67.

91(571.56)—Yakut A. S. S. R.

- In the Yakut Branch of the Geographical Society. M. K. Gavrilova. Izv. Vses. geog. ob-va 99 no. 5 146 S-O '67.

91(571.6)—Soviet Far East

- The new research methods at the Third Conference of the Geographers of Siberia and the Far East. V. A. Krotov. Izv. SO AN SSSR Ser. obshchestv. nauk. no. 6 3-5 My '67.

91(575.4)—Turkmen S. S. R.

- Ashgabat. Ashkhabad. [Moskva, Progress, n. d.] 1 v. (chiefly illus.) [In 5 languages]

910 GENERAL STUDIES, ACCOUNTS OF TRAVELS, EXPEDITIONS, ETC.

- Afanasii Nikitin's heroic enterprise; on the 500th anniversary of the start of his journey. IA. S. Lun'ko. Izv. Vses. geog. ob-va 99 no. 5 435-442 S-O '67.
- As our foreign contemporaries see us. Ist. SSSR no. 6 210-222 N-D '67.

- Some results of and prospects for Soviet studies in the history of geography. M. I. Belov. Izv. Vses. geog. ob-va 99 no. 5 396-402 S-O '67.

- [Soviet Russia, 1917-1967] Rossiia Sovetskaiia, 1917-1967. [Moskva, Sov. Rossiia, 1967] 107 p.

- The U. S. S. R. through the eyes of our foreign contemporaries. Ist. SSSR no. 5 235-242 S-O '67.

910(265)—Pacific Ocean

- The 11th session of the Pacific Science Association in Japan. V. B. Sechava. Dokl. inst. geog. Sib. i Dal'. Vost. no. 12 73-83 '66.

910(267.5)—Red Sea

- At the world map: The Suez Canal. V. Parkhitko. Merzhun, zhizn' 15 no. 1 153-150 Ja '68.

910(268)—Arctic Ocean

- Ruban, I. P., and S. T. Morozov. [Flags over the ice] Flag nad l'dami. [Leningrad, Gidrometeol'dat, 1967] 142 p.

910(431)—German Democratic Republic

- Under the wing of an airplane. Captain Dorn. Sov. voen. 18 no. 18 12-43 S '66.

910(47)—Union of Soviet Socialist Republics (U. S. S. R.)

- Mikhailov, N. N. [In a giant's footsteps] Po stopam Ispolna. Moskva, Politizdat, 1967. 557 p.

910(471.232)—Leningrad City

- Books on Leningrad's city. L. Popov. Knizh. torg. 18 no. 8 7-8 Ag '67.

910(471.316)—Yaroslavl Province

- Bezobrazova, A. E. [Yaroslavl, a textbook for primary grades] Istoriia i natural'naia istoriia. Kni. Iaoslavskii, uchebnoe posobie dlia nachal'nykh klassov. Istoriia. Pirodovedenie. Iaoslavl', Verkhne-Volzhskoe knizhnoe izd-vo, 1966. 188 p.

910(471.45)—Volgograd Province

- Artukhov, V. P., and S. E. Krylov. [To my dear Volgograd] Volgogradu rodnomu. Volgograd, Nizhne-Volzhskoe knizhnoe izd-vo, 1965. 62 p.

910(474)—Baltic Republics

- Unforgettable trip. Vsem prof. dvizh. no. 7 26-27 O '67.

910(477)—Ukrainian S. S. R.

- Kiev. [Kiev] Mystetstvo, 1966. 1 v. [In Russian and German]

910(479.24)—Azerbaijan S. S. R.

- Guseinova, Gusein. Neft Dashiary. Neftianye Kamal. Baku, Azerbaidzhanskoe gos. izd-vo, 1967. 1 v.

910(495)—Crece

- Tjurina, L. G. [At the foot of the Acropolis] U podnoshia Akropolis. Moskva, Mysl', 1965. 79 p. 32 illus.

910(497.2)—Bulgaria

- Mozdukhov, D. I. [Under the Balkan stars] Podvezdami balkanskimi. Tashkent, Esh. gvat. dia, 1967. 113 p.

910(571)—Asiatic R. S. F. S. R.

- [Crossing rapids and mountain passes] Cherez porogi i perevaly. [Irkutsk] Vostochno-Sibirskoe knizhnoe izd-vo, 1967. 188 p.

- Likhonitskii, V. [In search of spring; stories about the remarkable] V poiskakh vesny; rasskazy ob udvitol'nom. [Irkutsk, Vostochno-Sibirskoe knizhnoe izd-vo 1967] 150 p.

- Work of the Institute of the Geography of Siberia and the Far East, April-December 1965. A. P. Shverlov. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 13 79-81 '66.

910(571.12)—Tyumen' Province

- Hawing awakened the earth. G. Solov'ev. Konim. Vooruzh. Sil. 48 no. 23 37-41 D '67.

910(571.6)—Soviet Far East

- Work of the Institute of the Geography of Siberia and the Far East, April-December 1965. A. P. Shverlov. Dokl. Inst. geog. Sib. i Dal'. Vost. no. 13 79-81 '66.

910(571.62)—Khabarovsk Territory

- Dorodnov, E. V. [Komsomolsk-on-Amur; a guide and reference book] Komsomol'sk-na-Amure; putevoditel'-spravochnik. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1967. 70 p.

910(575)—Central Asia

- A journey of Burnashov and Beznosikov to Bukhara across the Kyzyl-Kum Desert in 1791-1795. p. 66.

910(575.1)—Uzbek S. S. R.

- A report on the work of the Geographical Society of the Uzbek S. S. R. in 1960-1962. V. F. Sustov. Izv. Uzb. geog. ob-va 8 132-133 '64.

- Tashkent; a brief economic and geographical description. T. Raimov. Izv. Uzb. geog. ob-va 8 35-46 '64.

- To you, Tashkent! M. Vyshedskii, V. Gorskii, G. Razhd. av. 23 no. 10 6-7 O '68.

910(597.7)—North Vietnam

- Stable Vietnam; an interview. Nov. viem. 25 no. 3 21-22 Ja '68.

Unmasking the aggressors V. Duginov. Sots. zakon. no. 6 77-78 Je '67.

Zhukov, I. U. II, and I. I. K. Shriapov. [Resistance, notes of the special correspondents of "Pravda" in the Democratic Republic of Vietnam, 1965-1966] Otpor, zapiski spetsial'nykh korrespondentov "Pravdy" v Demokraticheskoi Respublike Vietnam, 1965-1966 [Moskva] Izd-vo "Pravda," 1966 268 p

910(66)—West and North Central Africa

Physicogeographical studies in the savannas of the Niger N. A. Gvozdet'skiy. Vest. Mosk. un. Ser. 5 Geog. 22 no. 4 101-103 Ji-Ag '67

911 GENERAL GEOGRAPHY (PHYSICAL, HUMAN, APPLIED, ETC.)

Development of the general theory of earth sciences during the Soviet regime S. V. Kalcsini. Izv. Vses. geog. ob-va 99 no. 5 376-383 S-O '67

Division on the highlands into physico-geographical complexes I. S. Shchukin, O. E. Shchukina. Vest. Mosk. un. Ser. 5 Geog. 22 no. 6 10-19 N-D '67

Economic geography of the U.S.S.R. on the eve of the 50th anniversary of Soviet rule O. A. Konstantinov. Izv. Vses. geog. ob-va 99 no. 5 403-409 S-O '67

50 years of the Soviet studies of landforms A. G. Isachenko. Izv. Vses. geog. ob-va 99 no. 5 384-387 S-O '67

Geographical problems of climatology, hydrology, and glaciology studies during the last 50 years A. V. Shnitnikov. Izv. Vses. geog. ob-va 99 no. 5 388-395 S-O '67

Geographical zones, subzones, and countries in the U.S.S.R. V. I. Prokav. Uch. zap. Sver. gos. ped. inst. no. 17 3-30 '66.

Gerasimov, I. P. [Transformation of nature and the development of geophysical studies in the U.S.S.R., studies in constructive geography] Preobrazovanie prirody i razvitiye geofizicheskoi nauki v SSSR, ocheiki po konstruktivnoi geografii Moskva, Znanie, 1967 94 p. (Novoe v zhizni, nauke, tekhnika XIII Seriya Nauka o Zemle, 11/12)

A new device for measuring the velocity of currents in geographical studies V. M. Pavlov. Vest. Mosk. un. Ser. 5 Geog. 22 no. 1 97-99 Ji-Ag '67

Some basic methodological problems in physico-geographical zoning V. I. Prokav. Uch. zap. Sver. gos. ped. inst. no. 34 2-81 '66.

Studies on the division of the U.S.S.R. into physico-geographical regions and their theoretical results N. A. Gvozdet'skiy. Vest. Mosk. un. Ser. 5 Geog. 22 no. 6 3-9 N-D '67

911(22)—Islands

Basic problems in studying the coasts of the areas of active volcanoes, in the instance of the Kurile Islands V. I. Lymanov. Dokl. Inst. geog. Sib. i Dal' Vost. no. 12 18-23 '66

911(265)—Pacific Ocean

Landform and geographical conception of the Pacific area V. B. Sochava. Dokl. Inst. geog. Sib. i Dal' Vost. no. 12 3-7 '66.

911(479, 22)—Georgian S.S.R.

Antadze, K. D., and others. [Georgia] Gruzia. Otv. red. Iona F. Davitain. Moskva [Mysl'] 1967 317 p. (Sovetskii Soюз, geograficheskoe opisaniye)

911(540)—India

Peninsular India. V. A. Nikolaev. Vest. Mosk. un. Ser. 5 Geog. 22 no. 6 49-56 N-D '67.

911(571)—Asiatic R.S. F.S.R.

Some characteristics of the tundra zone of northeastern Siberia V. V. Krutikov. Vest. Mosk. un. Ser. 5 Geog. 22 no. 6 102-105 N-D '67

911(571, 12)—Tyumen' Province

Classification of landforms and topographical features of the Northern Sos'va part of the Ob' Valley T. N. Dib-tsev. Dokl. Inst. geog. Sib. i Dal' Vost. no. 13 3-11 '66

Landform and morphological characteristics of the snow cover and the typology of the landform features of the medial taiga in the Northern Sos'va part of the Ob' Valley T. G. Kolomyts. Dokl. Inst. geog. Sib. i Dal' Vost. no. 13 12-23 '66.

Principal features of the soil cover in the medial taiga of the western Ob' Valley N. A. Karavaeva. Dokl. Inst. geog. Sib. i Dal' Vost. no. 13 24-30 '66

911(571, 51)—Krasnoyarsk Territory

Development of the functional types of settlements in the regions of the southern taiga, based on the example of the Angara Valley in Krasnoyarsk Territory. G. G. Burmantov. Dokl. Inst. geog. Sib. i Dal' Vost. no. 13 56-62 '66.

911(571, 6)—Soviet Far East

Comparing the present-day physico-geographical zones of the Amur Valley with its physico-geographical zones in the epoch of the highest glaciation V. V. Nikolskaya, D. A. Timofeev. Dokl. Inst. geog. Sib. i Dal' Vost. no. 12 35-41 '66

Natural boundaries of the Pacific landforms of northern Asia as related to the problems of territorial classification V. B. Sochava, K. P. Kosinachev, D. A. Timofeev. Dokl. Inst. geog. Sib. i Dal' Vost. no. 12 8-17 '66

911(571, 61)—Amur Province

Experience in compiling a geographical dictionary of Amur Province, N. K. Shul'man. Dokl. Inst. geog. Sib. i Dal' Vost. no. 13 76-78 '66.

911(575, 1)—Uzbek S.S.R.

Taking into account local characteristics in studying physical geography in school, in the instance of the Uzbek S.S.R. T. Abdullaeva. Izv. Uzb. geog. ob-va 8 126-127 '61.

912 MAPS, ATLASES, GLOBES, ETC.

An All-Union linguistic atlas. Voprosy 11 no. 4 56-65 Ji-Ag '62

Test maps of the physico-geographical monographs of individual regions L. N. Shchekubakova. Vest. Mosk. un. Ser. 5 Geog. 22 no. 4 69-72 Ji-Ag '67

[World atlas] Atlas mira Moskva, Glav. upr. geodezii i kartografiy M-va geologii i okhrany nedr SSSR, 1963 128 p

912(262, 8)—Caspian Sea

Dynamic maps of the Caspian Sea A. N. Kosarev, G. M. Mamadov. Vest. Mosk. un. Ser. 5 Geog. 22 no. 6 80-86 N-D '67

912(539)—Arab countries as a bloc

[Instruction on the transliteration of geographical names of Arab countries on maps] Inst. ukitsia po pereache na kartakh geograficheskikh nazvanii arabskikh stran. Moskva, Nauka, 1966, 88 p

912(571)—Asiatic R.S. F.S.R.

Problem of reconstructing the plan of the Ob' River compiled in 1598, route maps described in the "Book for the great chart" B. P. Potevoi. Dokl. Inst. geog. Sib. i Dal' Vost. no. 13 70-75 '66

912(575)—Central Asia

Cartographic monuments of Central Asia, Kh. Khasanov. Izv. Uzb. geog. ob-va 8 52-65 '64

912(575, 1)—Uzbek S.S.R.

Compilation of an atlas of natural conditions and resources of the Uzbek S.S.R. Ch. V. Gal'kov, V. A. Shvedova. Izv. Uzb. geog. ob-va 8 78-81 '64

Legends of demonstrational and school landform maps; in the instance of a demonstrational map of the physico-geographical zoning of the Surkhan-Darya Administrative Area Ch. V. Gal'kov. Izv. Uzb. geog. ob-va 8 111-113 '64.

Problems of showing the distribution of animals on the school map "Natural conditions of the Uzbek S.S.R." L. P. Levashova. Izv. Uzb. geog. ob-va 8 88-95 '64.

913(285)—Lakes, Ponds, etc.

Urtat-Davan, a high mountain lake. A. Akbarov. Izv. Uzb. geog. ob-va 8 109 '64

913(471, 54)—Sverdlovsk Province

Natural conditions of the outskirts of Sverdlovsk. N. P. Arkhipova. Uch. zap. Sver. gos. ped. inst. no. 37 60-85 '66.

913(575, 1)—Uzbek S.S.R.

Economic and geographical conditions of the Sanzai Valley. F. Arslanova. Izv. Uzb. geog. ob-va 8 108-110 '64

Some problems concerning the geographical study of the Karsha Steppe. Z. M. Akramov, O. I. Poslavskaya, A. V. Khizmatov. Izv. Uzb. geog. ob-va 8 5-8 '64.

Urtat-Davan, a high mountain lake. A. Akbarov. Izv. Uzb. geog. ob-va 8 100 '64.

914.7 GEOGRAPHY OF THE U.S.S.R.

Following the steps of a giant. Evg. Ribachikov. V mire knig 7 no. 9 6-7 '67.

V. I. Lenin on the geographical characteristics of the U.S.S.R. and their significance. D. M. Pukhonsen. Izv. Vses. geog. ob-va 99 no. 5 369-375 S-O '67.

914(471, 52)—Bashkir A.S.S.R.

Characteristics of relief forms on the banks of Lake Aitkul' in Bashkiria A. I. Solov'ev. Vest. Mosk. un. Ser. 5 Geog. 22 no. 4 89-101 Ji-Ag '67

914.7(477)—Ukrainian S.S.R.

Development of small lagoons on the northwestern shore of the Black Sea I. U. D. Shukitskiy. Vest. Mosk. un. Ser. 5 Geog. 22 no. 4 93-95 Ji-Ag '67

914.7(478)—Moldavian S.S.R.

Landforms of the Kiliya Delta T. P. Fedorchuk. Mosk. un. Ser. 5 Geog. 22 no. 4 103-104 Ji-Ag '67

914.7(571, 6)—Soviet Far East

Studying the landforms and geomorphology of sea based on the materials of the Far East, V. I. Vest. Mosk. un. Ser. 5 Geog. 22 no. 4 100-111 Ji-Ag '67

914.7(574)—Kazakh S.S.R.

Effect of the composition of slopes on the landforms of the Dzungarian Ala-Tau T. S. Tikhonova. Vest. Mosk. un. Ser. 5 Geog. 22 no. 6 91-93 Ji-Ag '67

915(282, 25)—Asian rivers

Some physico-geographical characteristics of the Mayma River in 1963-1964 V. S. Tikhonova. Vest. Mosk. un. Ser. 5 Geog. 22 no. 6 24-28 '65

915(540)—India

Landform structure of the trappean region of the V. A. Nikolaev, A. M. Ribachikov. Vest. Mosk. un. Ser. 5 Geog. 22 no. 4 17-27 Ji-Ag '67

915(571, 15)—Altai Territory

The origin of slopes in the Altai foothills A. M. Ribachikov. Izv. Alt. old. Geog. ob-va SSSR no. 6 37-41 '65

The springs of Saraton. V. M. Ostannov, A. M. Ribachikov. Izv. Alt. old. Geog. ob-va SSSR no. 6 45-46 '65.

We need a uniform spelling of the geographical names of the Altai Mountain region. G. I. Doshina. Izv. Alt. old. Geog. ob-va SSSR no. 6 112-120 '65

915(571, 6)—Soviet Far East

Physiogeography of the Pacific coast of Eastern Siberia as related to the migration and evolution of rivers in the Pacific Area L. I. Malyshev, L. V. Barilina. Dokl. Inst. geog. Sib. i Dal' Vost. no. 12 47-51 '66

915(571, 65)—Magadan Province

History of the creation of the city of Magadan. I. I. Trudy SVKNII no. 17 111-119 '67

916(611)—Tunisia

South of Tunisia M. Vidiasova. Nov. vrem. 23 no. 11 31 D '67

92 BIOGRAPHY

About time and themselves B. Pagurev. V mire knig 7 no. 9 13-15 '67.

Aik Iosifovich Alvarian, on his 60th birthday. P. I. Ieksp. teip. 11 no. 6 89-90 N-D '67.

Celebrating their anniversaries. Neftany 12 no. 11 24 '67.

Vladimir Aleksandrovich Andreev (on the occasion of his 75th birthday). A. V. Lykov and others. Inzh.-fiz. 13 no. 4 582-583 O '67

—Agadzhanova, N. F.

N. F. Agadzhanova, Z. I. Peregodova. Ist. SSSR no. 119 N-D '67.

—Alvarezskii, I. K.

Alvarezskii, I. K. [Documents and materials] Dokumenty i materialy Erevan, Aistavan, 1967 404 p.

—Akulov, I. A.

In the service of the revolution. B. Malkin. Sots. ist. no. 6 26-28 Je '67.

—Aleksenko, G. V.

G. V. Aleksenko; on his 60th birthday. Elek. sta. 37 no. 6 94-95 Je '66

—Alembert, J. L.

Russian publications of the works of J. d'Alembert. V. S. Baizanskova. Nov. i noveish. ist. no. 8 162-163 N-D '67.

—Angarletis, Zigmus

Zigmus Angarletis. Ist. SSSR no. 5 138-144 S-O '67

—Antonov, A. A.

A. A. Antonov. I. I. Rozental'. Ist. SSSR no. 5 93-94 S-O '67

—Antonov-Saratovskii, V. P.

Vladimir Pavlovich Antonov-Saratovskii. Bifol. Verh. Suda no. 5 19 '67.

—Azov, G. M.

70th birthday of G. M. Azov. Khol. tekhn. 44 no. 12 47 D '67.

—Blezin', A. P.

Aleksandr Petrovich Blezin'; on the 70th anniversary of his birth. IA. IA. Kalinin. Otpor, travm. i protez. 9 no. 8 84 Ag '67.

- Bode, J.
Jan-Batist Sniadecki and Johann-Ebert Bode. V. I. Chena-kal, Ist.-astron. issl. no. 9 309-332 '66.
- Bogorad, D. I.
Danilovich Bogorad. G. M. Lappa and others. Vest. Mosh. un. Ser. 5 Geog. 22 no. 4 120. JI-Ag '67.
- Borukaev, R. A.
R. A. Borukaev; an obituary. Vest. AN Kazakh SSR 23 no. 7 54-55. JI '67.
- Brito Figueroa, F.
A Venezuelan historian has visited the Soviet Union. IU. A. Antonov. Nov. i noveish. ist. no. 6 180. N-D '67.
- Bubnov, A. S.
Vladimir Sergeevich Bubnov. Ist. SSSR no. 6 156-162. N-D '67.
- Burlachenko, G. A.
Georgii Andreevich Burlachenko, obituary. Vest. rent. i rad. 42 no. 6 102. N-D '67.
- Charnyi, I. A.
Isaak Abramovich Charnyi; obituary. Neft. khoz. 45 no. 9 70. S '67.
- Chavdarov, S. K.
An indefatigable explorer of pedagogic depths. V. M. Aleksuk. Rad. shk. 46 no. 8 95-96. Ag '67.
- Chernichko, IU.
Brigadier of bulldozer troops. I. Iudin. Tyl. i snab. Sov. Vost. Sib. 27 no. 8 140-41. Ag '67.
- Chizhevskii, N. P.
Nikolai Prokopovich Chizhevskii. K. I. Syskov. Koka i khim. no. 11 10-41 '67.
- Chulanov, G. C.
Distinguished scholar of economics. I. Omarov, M. Dablshev. Nar. khoz. Kazakh. 25 no. 12 89. D '67.
- Curie, M.
Discovery of radioactivity and the first radioactive elements, on the 100th anniversary of the birth of Marie Sklodowska-Curie. Atom. energ. 23 no. 5 157-160. N '67.
- Davydovskii, I. V.
On the 80th birthday of I. V. Davydovskii. Arkh. pat. 20 no. 8 3-6 '67.
- Dobrotvor, N. M.
In memory of N. M. Dobrotvor. Ist. SSSR no. 6 225. N-D '67.
- Durrenmatt, F.
Friedrich Durrenmatt. Teatr. 28 no. 8 166. S '67.
- Dzhavakhishvili, D. V.
D. V. Dzhavakhishvili; on his 85th birthday. Vop. kur., filozof. i tekh. fiz. kul't. 32 no. 5 463-464. S-O '67.
- Emel'ianov, A. P.
They carried out their duty. V. Krasnov. Sov. voia 48 no. 16 24. Ag '66.
- Fabrikant, V. A.
Valentin Aleksandrovich Fabrikant, his 60th birthday. I. M. Biherman. Usp. fiz. nauk. 93 no. 4 757-758. D '67.
- Fere, N. E.
Nikolai Eduardovich Fere; on his 70th birthday. Shkola i proizv. II no. 10 66-67. O '67.
- Fogel', R. F.
Robert Filippovich Fogel'; biography. A. F. Bogorodskii, N. A. Chernega. Ist.-astron. issl. no. 9 211-234 '66.
- Gabinskii, IA. O.
Iakov Osipovich Gabinskii. V. M. Kopolovich, E. V. Virozub. Koka i khim. no. 11 46-47 '67.
- Gadolin, A. V.
A. V. Gadolin. Shkola i proizv. II no. 11 70. N '67.
- Gerasimov, M. M.
M. M. Gerasimov's 60th birthday. IA, IA. Roginskii. Sov. etn. no. 4 151-152. JI-Ag '67.
- Gol'dshtein, E. G.
Dmitrii Fimovich Gol'dshtein; obituary. Vest. rent. i rad. 42 no. 6 101. N-D '67.
- Golitskovskii, E. N.
E. N. Golitskovskii, an illustrator of Czech and Slovak literary works. V. D. Koroluk. Sov. slav. no. 4 92-95. JI-Ag '67.
- Golubev, B. A.
In memory of Boris Aleksandrovich Golubev. A. V. Petrov, I. I. Iudin, D. L. Visknazi. V. I. Chena-kal. no. 12 141-142. D '67.
- Goridenko, IA. N.
Champion of safety in train movements. Put. i put. khoz. II no. 8 36-39 '67.
- Gorkin, A. F.
Deputy of the Presidium of the Supreme Court of the U. S. S. R., conferring on A. F. Gorkin the title of Hero of Socialist Labor. Bui. Vn. kh. Suda. no. 5 33. '67.
- Gorshkov, S. G.
In the Presidium of the Supreme Soviet of the U. S. S. R. Mor. shch. 51 no. 11 11. N '67.
- Gruznev, N. S.
Sixtieth anniversary of Nikolai Sergeevich Gruznev. Koka i khim. no. 12 55 '67.
- Guiteras, A.
Antonio Guiteras and the Revolution of 1933. Olga Cabrera Garcia. Nov. i noveish. ist. no. 6 66-72. N-D '67.
- Gumiashvili, D.
The creator of "Davittani"; on the 175th anniversary of David Gumiashvili's death. Sh. IA, V. I. Iudin. Ukr. ist. zhur. II no. 8 125-127. Ag '67.
- Gurevich, M. B.
M. B. Gurevich; obituary. Vest. stat. no. 12 76 '67.
- Heitzen, A. I.
Some problems of the philosophy of history in A. I. Heitzen's works, 1847-1870. P. N. Guvian. Vest. I GU. 27 no. 17 79-87. S '67.
- Honegger, A.
Rapport, L. G. [Arthur Honegger] Arthur Honegger. Leningrad, Puzyka, 1967. 302 p.
- Iaroslavskii, E. M.
Emel'ian Mikhailovich Iaroslavskii. Ist. SSSR no. 5 110-138. S-O '67.
- Iatsunskii, V. K.
In memory of Viktor Kornel'evich Iatsunskii. L. M. Gorushkin. Izv. SO AN SSSR Ser. obshchestv. nauk. no. 6 151. My '67.
- Ibragimov, G. G.
Gulimzhan Gifranovich Ibragimov. Ist. SSSR no. 5 141-149. S-O '67.
- Illich-Svitych, V. M.
A conference in memory of V. M. Illich-Svitych. G. Venediktov. Sov. slav. no. 4 133-134. JI-Ag '67.
- Irchan, M.
Myrosław Irchan's historical works; on the 70th anniversary of his birth. P. I. Kravchuk. Ukr. ist. zhur. II no. 7 139-140. JI '67.
- Iudin, P. A.
Pavel Aleksandrovich Iudin. M. I. Peleshuk. Koka i khim. no. 11 32 '67.
- Iukhnovskii, G. L.
Grigori Lazarevich Iukhnovskii; on his 70th birthday. Lakokras. mat. i tek. prim. no. 1 84 '67.
- Ivantukov, D. V.
A distinguished refiner. A. Gordina. Neftianik 12 no. 12 24-25. D '67.
- Ivanov-Smolenskii, A. G.
Anatoli Georgievich Ivanov-Smolenskii; on the 50th anniversary of his scientific work. Zhur. nevr. i psikh. 67 no. 12 1880-1881 '67.
- Kantemir, A. A.
Petrov, L. A. [Philosophical ideas of Prokopovich, Tatishchev, and Kantemir] Filosofskie vzglady Prokopovicha, Tatishcheva i Kantemira. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1957. 87 p. (Irkutsk. Universitet. Trudy, vol. 20, Seriya filosofskaya, no. 1).
- Kantemir, A. D.
Petrov, L. A. [Sociopolitical ideas of Prokopovich, Tatishchev, and Kantemir] Obshchestvenno-politicheskie vzglady Prokopovicha, Tatishcheva i Kantemira. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1959. 67 p. (Irkutsk. Universitet. Trudy, vol. 20, Seriya filosofskaya, no. 3).
- Karavaev, P. N.
P. N. Karavaev. A. I. Posalin. Ist. SSSR no. 5 96-102. S-O '67.
- Karenkin, V.
Producer of the soldiers' theater. F. Chepurov. Sov. voia 48 no. 16 37. Ag '66.
- Kaufman, A. G.
Aleksandr Grigor'evich Kaufman, on the 60th anniversary of his birth. M. I. Glin, E. N. Lukashova, IU. G. Saushkin. Vest. Mosh. un. Ser. 5 Geog. 22 no. 1 117-118. JI-Ag '67.
- Kavratskii, V. V.
Vladimir Vladimirovich Kavratskii, a biobibliographic outline. K. A. Zvonarev. Ist.-astron. issl. no. 9 261-285 '66.
- Khadzhinova, M. A.
Academician Khadzhinova. B. Aleksandrov. Ekon. i zhizn' 8 no. 12 11-43. D '66.
- Khodos, Kh. G.
Kh. G. Khodos, on his 70th birthday. Zhur. nevr. i psikh. 67 no. 12 1881-1882 '67.
- Kierkegaard, S.
Søren Kierkegaard, the fore-runner of existential anthropology. V. A. Karpushin. Vop. filos. 21 no. 12 103-113 '67.
- Kirichenko, A. N.
In memory of Aleksei Nikolaevich Kirichenko; 1882-1941. V. P. Tsvetkova. Fnt. oboz. 16 no. 4 922-926 '67.
- Kislov, E.
Many brave hearts to kindle. Sov. voia 48 no. 16 19-20. Ag '66.
- Klovov, V. I.
A meeting in honor of V. I. Klovov's 50th birthday. N. M. Rudenko. Ukr. ist. zhur. II no. 8 152-153. Ag '67.
- Klymenko, P. V.
The 60th anniversary of P. V. Klymenko's birth. O. S. Kompan, M. Z. Susloparova. Ukr. ist. zhur. II no. 7 135-139. JI '67.
- Knutants, L. M.
Social and political articles of Ludvig Knutants, an Armenian Bolshevik, published in 1905 in the newspaper "Kievskoe slovo." V. I. Saibel. Ukr. ist. zhur. II no. 8 61-66. Ag '67.
- Kokhanovskii, E. L.
They carried out their duty. V. Krasnov. Sov. voia 48 no. 16 24. Ag '66.
- Koonen, A. G.
Pages from my life (to be continued). Aina Koonen. Teatr. 28 no. 9 99-115. S '67.
- Konstantinov, K. I.
Konstantinov, K. I. Shkola i proizv. II no. 10 78-79. O '67.
- Korobchanskii, I. E.
Ivan Evstaf'evich Korobchanskii. M. D. Kuznetsov. Koka i khim. no. 11 50 '67.
- Korolev, V. IA.
Commissar Vladimir Korolev. V. Khokhlov. Nar. obit. no. 8 102-103. Ag '67.
- Korovin, F. N.
Fedor Nikolaevich Korovin; obituary. Khleb, i kond. prom. II no. 12 42. D '67.
- Kosarev, V. M.
Fierov, V. S. [Heroic life: V. Kosarev] Zhizn' i podvig V. Kosarev. Novosibirsk, Zapadno-Sibirskoe knizhnoe izd-vo, 1967. 73 p.
- Kostomarov, N. I.
A conference of the Scientific Council of the Institute of History of the Academy of Sciences of the Ukrainian S. S. R., devoted to the 150th anniversary of N. I. Kostomarov's birth. O. D. Umanets'. Ukr. ist. zhur. II no. 7 150. JI '67.
- Kralnev, A. V.
60th birthday of A. V. Kralnev. Khol. tekhn. 44 no. 12 47. D '67.
- Krasin, L. B.
Diplomats of the Lenin school. Ambassador Krasin. I. M. Maitskii. Nov. vrem. 25 no. 3 23-26. Ja '68.

- Krasovskiy, A.
A new page in the revolutionary biography of A. O. Krasovskiy. A. Z. Baraboi. Ukr. ist. zhur., II no. 7 110-116 JI '67.
- Krechmer, M. V.
Mikhail Veniaminovich Krechmer, 1920-1967, obituary. Meteo: i gidrol. no. 12 III D '67.
- Krylenko, N. V.
Nikolai Vasil'evich Krylenko. Biul. Verkh. Suda no. 5-23 '67.
- Krym, V. S.
Veniamin Shchepochkin Krym, M. D. Kuznetsov. Koks i khim no. 11 56 '67.
- Kryvelev, I. A.
I. A. Kryvelev's 60th birthday. I. N. Grigulevich. Sov. cin. no. 4 153-154 JI-Ag '67.
- Kuchkin, A. P.
Andrei Pavlovich Kuchkin. Ist. SSSR no. 5 143-155 S-O '67.
- Kunovskii, A. A.
Adam Antonovich Kunovskii, obituary. V. Svirida and others. Form. i spirit prom. 33 no. 7 47 '67.
- Kurbanova, A. G.
The oath of Hippocrates. S. Ivina. Mol. komm. no. 10 104-106 '67.
- Kurskii, D. I.
D. I. Kurskii, the People's Commissar of Justice. V. Loshkin. Sov. iust. no. 18 6-7 S '67.
The People's Commissar of Justice. Biul. Verkh. Suda no. 5:7 '67.
- Lavrent'ev, I. A. V.
Veteran of the Lenin Party. R. Bagdat'ev. Nefteanik 12 no. 12 22-23 D '67.
- Lebedev, P. S.
In search... G. N. Shapochkina. Vech. sred. shkola. 10 no. 6 7-9 N-D '67.
- Lenin, V. I.
About the native land, the party, and Lenin. V. mire knig 7 no. 9 34-35 '67.
As our great Lenin taught us. Teor. i prak. fiz. kul't. 30 no. 1-3-4 Ap '67.
"The author's tendency" in the journalistic writings of V. I. Lenin. M. N. Gusev. O. publits. i publits. no. 2 92-103 '66.
Creators of a new world. S. Kshirina. V. mire knig 7 no. 9 5-6 '67.
The 50th anniversary of V. I. Lenin's work "The state and the revolution." A. I. Gumanov. Izv. vys. ucheb. zav. prav. no. 5 51-63 S-O '67.
In V. I. Lenin's private library. N. P. Minina. Sov. pech. no. 4 23-25 Ap '67.
Lenin, dialectics, and the October Revolution. B. M. Kadrov. Vop. filos. 21 no. 10 41-52 '67.
Lenin's decrees. L. Vankhanch. Prof. -tekh. obr. 24 no. 10 8-9 O '67.
Lenin's principle of the unity of theory and practice in the building of communism. O. Glezerman. Kommunist 14 no. 18 45-47 D '67.
Let's tell our children about Lenin. A. Iu. Ushanova. Elizaveta and others. Doshuk vosp. 40 no. 11 49-54 '67.
Mushlukov, V. E., and P. E. Nikitin. [Places where Lenin lived and worked] Zdes' zbil i rabotal Lenin [Leningrad, Lentsdat, 1967] 294 p. (Po pamtatnym leninskim mestam Leningrada i okrestnostei).
Named in honor of Vladimir Il'ich L. Samoilovich. Doshuk vosp. 40 no. 11 55-57 '67.
Physical training in V. I. Lenin's personal life. Teor. i prak. fiz. kul't. 30 no. 4 2-3 Ap '67.
The portrait on the rock. I. Rokotian. Sov. pech. no. 4 25-26 Ap '66.
Sartakov, S. V. [First meeting] Pervaya vstrecha. Moskva, Molodaya gvardia, 1967 159 p.
V. I. Lenin and dialectics in present-day physics. M. E. Omel'yanovskii. Vop. filos. 21 no. 10 125-134 '67.
V. I. Lenin on the geographical characteristics of the U.S.S.R. and their significance. D. M. Pinkhenson. Izv. Vses. geog. ob.-va 99 no. 5 369-375 S-O '67.
V. I. Lenin on the universal and historical significance of the Great October Socialist Revolution. I. S. Galkin. Nov. i noveist. ist. no. 6 73-86 N-D '67.
Vladimir Il'ich Lenin was leader of the October Revolution. A. S. Dubinin. Izv. vys. ucheb. zav. i Chern. mek. 10 no. 10 5-10 '67.
Zaitsev, N. V. [Truth and poetry in the portrayal of Lenin, theater and motion pictures] Pravda i poezia leninskogo obraza, teatr, kino [Leningrad] Iskusstvo, 1967. 315 p.
- Leonovich, N. L.
Natal'ia Valerianovna Leonovich, obituary. Form. i spirit prom. 33 no. 7 48 '67.
- Lepse, I. I.
I. I. Lepse. D. T. Subbotin. Ist. SSSR no. 5 85-82 S-O '67.
- Lider, E. E.
Evgenii Pavlovich Lider. G. N. Makarov. Koks i khim no. 11 56 '67.
- Lindberg, H.
In memory of Hakan Lindberg, 1896-1966. A. N. Kuchlenko. Ent. obr. 16 no. 1 927 '67.
- Lobashev, M. E.
Outstanding geneticist; Mikhail Efimovich Lobashev's 60th birthday. Vest. LGU 22 no. 21 153-156 N '67.
- Loginov, V. F.
Vladimir Fedorovich Loginov. V. M. Kopeliovich. Koks i khim. no. 11 33 '67.
- Lomonosov, M. V.
Muzei M. V. Lomonosova, Lomonosovo. [The M. V. Lomonosov Museum, a guidebook] Putevoditel' [Arkhangelsk] Severo-Zapadnoe knizhnoe izd-vo, 1967 47 p.
- Lukin, A. N.
Aleksel Nikolaevich Lukin; on his 60th birthday. Elek. sta. 37 no. 6 95 Ju '66.
- Lutsuk-Khudin, V. A.
Vladimir Andreevich Lutsuk-Khudin, obituary. Avtom. svar. 20 no. 11 80 N '67.
- Makarenko, A. S.
Let us create a museum worthy of the name of A. S. Makarenko. P. Lyserko. Nar. obr. no. 12 90-91 D '67.
- Makarov, S. K.
Makarov, Sergei Konstantinovich (1900-1967); obituary. M. E. Chernysh and others. Khim i tekhn. topl. i masel. 12 no. 10 61 O '67.
- Marx, K.
A book which lives for centuries. Kalzh. torg. 16 no. 8 46-41 Ag '67.
Scientific meetings and conferences. Nov. i noveist. ist. no. 6 174-176 N-D '67.
Weakness of the bourgeois critics regarding K. Marx's "Das Kapital." L. R. Misk'evich. Vop. ist. KPSS 12 no. 1 15-17 Ia '68.
- Meshchaninov, I. I.
In memory of Ivan Ivanovich Meshchaninov. V. A. Avram. Izv. SO AN SSSR Ser. obshchestv. nauk no. 6 149-150 My '67.
- Mikheev
The Mikheev dynasty. P. Altunin. Sov. voen. 48 no. 18 30-31 Ag '66.
- Molodtsov, I. G.
Ivan Georgievich Molodtsov. V. P. Koz'yrev. Koks i khim. no. 11 47 '67.
- Naugol'nykh, V. N.
Valentina Nikolaevna Naugol'nykh, an obituary. P. A. Gonkel', O. M. Trubetskova. Fiziol. rast. 14 no. 6 1118-1119 N-D '67.
- Nemirovich-Danchenko, V. I.
Meeting the revolution. A. Matskin. Teatr. 28 no. 9 3-21 S '67.
- Neustroev, S. S.
Geographer and pedologist; on the 60th anniversary of S. S. Neustroev's birth. Z. N. Dontsova. Izv. Uzb. geog. ob.-va 8 124-125 '64.
- Nikitin, A.
Afanasi Nikitin's heroic enterprise; on the 60th anniversary of the start of his journey. I. A. S. Lur'e. Izv. Vses. geog. ob.-va 99 no. 5 435-442 S-O '67.
- Nuren, M. O.
M. O. Nuren's letters to D. I. Dubingo (1891 and 1917). S. N. Korytnikov. Ist. -astron. issi. no. 9 332-340 '66.
- Obnorski, S. P.
Sergei Pavlovich Obnorski. V. I. Borkovskii. Rus. rech' no. 5:9-11 S-O '67.
- Ogloblin, A. N.
Aleksandr Nikolaevich Ogloblin; obituary. Trudy LFI no. 284 97-98 '67.
- Orlov, B. P.
In memory of Boris Pavlovich Orlov. Vest. Vses. Ser. 5 Geog. 22 no. 4 119 JI-Ag '67.
- Ostrikov, P. A.
P. A. Ostrikov. Shkola i prom. 11 no. 11 80 '67.
- Ovsenko, V. V.
Vladimir Vladimirovich Ovsenko, on his 60th birthday. Elek. sta. 37 no. 6 95 Ju '66.
- Panchenko, S. I.
Seventieth anniversary of Sergei Mich. Panchenko. F. i khim. no. 12 55 '67.
- Panferov, F. I.
Fedor Panferov; on the 70th anniversary of his birth. Sov. voen. 18 no. 18 30-31 S '66.
- Panov, D. G.
Dmitrii Gennadevich Panov, 1909-1965, obituary. Okeanologia 6 no. 1 732-734 '66.
- Pekai, S. I.
Solomon Isaakovich Pekai; on his 60th birthday. M. F. Delhon. Ukr. fiz. zhur. 12 no. 7 1057-1058 JI '67.
- Pestel, P. I.
Medvedskaya, L. A. Pavel Ivanovich Pestel'. [Moskva, Prosveshchenie, 1967] 140 p. (Istoricheskaya biblioteka shkol'nika).
- Piskorski, V. K.
V. K. Piskorski, an outstanding student of Spand' 114. On the centenary of his birth. O. M. Novikov. Ukr. zhur. 11 no. 8 124-125 Ag '67.
- Pizzinato, A.
Pizzinato, Armando. [Catalog of an exhibition] Katal. i vystavki [Moskva, Sov. khudozhnik, 1967] 2 v.
- Plaskin, I. N.
I. N. Plaskin, obituary. M. I. Agoshkov and others. G. r. zhur. 142 no. 5 71 My '67.
- Podovskii, N. I.
An "ambassador" of health. Z. A. Starovoitova. Tez. i prak. fiz. kul't. 29 no. 3 2-1 Mj '67.
- Ponomarev, D. I.
A militant member of Lenin's party; on the 60th anniversary of the birth of D. I. Ponomarev. K. V. Korot'ev. Ukr. ist. zhur. 11 no. 11 119-120 N '67.
- Popov, N. F.
A glorious anniversary. Trudy VNIITB 3:5-6 '65.
- Postyshev, P. P.
A faithful disciple of Lenin; on the 60th anniversary of P. P. Postyshev's birth. I. I. Kolomitschenko. Ukr. ist. zhur. 11 no. 11 118-119 N '67.
Marking the 60th anniversary of P. P. Postyshev's birth. V. P. Ukr. ist. zhur. 11 no. 11 153 N '67.
- Prokopovich, F.
Petrov, L. A. [Philosophical ideas of Prokopovich, Tatishchev, and Kantemir] Filosofskie vzglady Prokop'icha, Tatishcheva i Kantemira. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1957. 87 p. (Irkutsk. Universitet. Trudy, vol. 20, Seriya filosofskaya, no. 1).
Petrov, L. A. [Sociopolitical ideas of Prokopovich, Tatishchev, and Kantemir] Obshchestvenno-politicheskie vzglady Prokopovicha, Tatishcheva i Kantemira. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1959. 57 p. (Irkutsk. Universitet. Trudy, vol. 20, Seriya filosofskaya, no. 1).
- Puchkov, V. V.
In memory of V. V. Puchkov. Probl. tub. 45 no. 7 41 '67.
- Pyrohovskiy, O. S.
A leader of the Communist underground; on the 70th anniversary of O. S. Pyrohovskiy's birth. S. M. Kyrychenko, O. S. Kremenchuk. Ukr. ist. zhur. 11 no. 8 122-123 Ag '67.
- Rabalaia, F.
Penaourgue's laughter and the philosophy of culture. L. M. Batkin. Vop. filos. 21 no. 12 114-123 '67.
- Reznikovskii, M. M.
In memory of M. M. Reznikovskii; obituary. Nauch. rez. 26 no. 12 51 '67.

- Rimsa, P.
Jaskaitis, Ona Petras Rimša Vilnius, Mintis, 1966, 34 p. 31 illus. [In Lithuanian, Russian, English, and French]
- Rubin, P. G.
Pa. el Germanovich Rubin A. S. Druk Koksa khim no. 11 46 '67
- Sakharov, V. V.
V. V. and P. P. Sakharov. B. D. Kargaeva. Ist. SSSR no. 6 119-126 N-D '67
- Sakharova, P. F.
V. V. and P. P. Sakharov. B. D. Kargaeva. Ist. SSSR no. 6 119-126 N-D '67
- Savinkov, B. V.
The Boris Savinkov case. V. V. Kozlov, E. P. Rusanov. Ist. SSSR no. 6 143-155 N-D '67
- Semenov, A. I.
In memory of Aleksandr Il'ich Semenov. Sov. geol. 10 no. 12 142-143 D '67
- Senchenko, V. T.
Commander, Izobrazh. V. Grigor'ev. Tyl. i snab. Sov. Vost. 311 27 no. 8 40-41 Ag '67
- Shakov, I. I.
Izrail' Iosifovich Shakov, obituary. Vest. rent. i rad. 42 no. 6 102 N-D '67
- Shanin, A. I.
In memory of a comrade; obituary. Sred. spets. obr. 13 no. 11 55 N '66
- Shantser-Marat, V. L.
Vladimir Leonovich Shantser-Marat. S. F. Vinogradov. Vop. ist. KPSS 12 no. 1 112-116 Ja '68
- Sharonov, V. S.
In memory of Vsevolod Vasil'evich Sharonov. Izv. Kom. po fiz. plan. no. 5 105-111 '65
- Shebanov, F. V.
Filipp Vasil'evich Shebanov, on his 70th birthday. Probl. tub. 43 no. 12 70-71 '67
- Shvedov, N. A.
In memory of Nikolai Aleksandrovich Shvedov. Uch. zap. NIIG V. Paleont. i biost. no. 16 5-7 '66
- Shikhobalova, N. P.
Seventieth birthday of N. P. Shikhobalova. Parazitologiya 1 no. 6 153-154 N-D '67
- Shneerson, A. N.
In memory of A. N. Shneerson. Antibiotiki 12 no. 12 1131 D '67
- Shtokalo, I. Z.
Iosif Zakharovich Shtokalo; on his 70th birthday. A. N. Bogolubov and others. Dif. urav. 3 no. 10 1801-1809 O '67
- Iosyp Zakharovich Shtokalo; on his 70th birthday. IU. O. Antimov, O. M. Bogolubov. Ukr. ist. zhur. 11 no. 11 122-123 N '67
- Shunkov, V. I.
Viktor Ivanovich Shunkov; obituary. Vop. ist. 42 no. 12 210-212 D '67
- Shvartsalon, N. S.
In memory of Nikolai Semenovich Shvartsalon. Farm. i toks. 36 no. 6 757 N-D '67
- Sluts'kiy, O. B.
O. B. Sluts'kiy; obituary. Ukr. ist. zhur. 11 no. 7 160 31 '67
- Smirnov, A. I.
Aleksandr Ivanovich Smirnov, on his 80th birthday. Fiziol. zhur. 53 no. 12 1494-1495 D '67
- Smirnov, I. I.
Ivan Ivanovich Smirnov, S. N. Valik. Trudy LOI AN SSSR no. 9 5-11 '67
- Smoluchowski, M.
Fiftieth anniversary of Marian Smoluchowski's death. S. G. Suvorov. Usp. fiz. nauk 93 no. 4 719-723 D '67
- Sniedeck, J.
Jan-Batist Sniedeck and Johann-Eliert Bode. V. L. Chenaikal. Ist. -astron. issl. no. 9 309-332 '66

- Soboul, Albert
In the Sorbonne V. M. Dalin. Nov. i noveish. ist. no. 6 179-180 N-D '67
- Solov'ev, A. I.
Aleksandr Ivanovich Solov'ev; on his 60th birthday. IA. F. Antosanko. Vost. Mosk. un. Ser. 5 Geog. 22 no. 4 115-116 31-Ag '67
- Sonin, N. I. A.
Kropotov, A. I. Nikolai Iakovlevich Sonin, 1849-1915. Leningrad, Nauka, 1967 135 p. (Nauchno-biograficheskaya seriya)
- Stasov, V. V.
Stasov, V. V. [Letters to leading exponents of Russian culture] Pis'ma k delatellam russkoi kul'tury. Moskva, Nauka Vol. 2 1967 319 p
- Steinitz, Wolfgang
Wolfgang Steinitz, obituary. Sov. etn. no. 1 167-168 31-Ag '67
- Stoliarov, A. K.
In memory of A. K. Stoliarov; obituary. M. S. Kasparova, I. A. Anichkin, A. L. Maksimov. Vop. filos. 21 no. 12 124-125 '67
- Stroud, R.
The prisoner of Alcatraz (conclusion). Thomas J. Gaddis. Sov. rust. no. 18 28-31 S '67
- Stuchka, P. I.
Petr Ivanovich Stuchka. Biul. Verkh. Suda no. 5 15 '67
- Taimanov, A. D.
Isan Dabovich Taimanov; on his 50th birthday. Sib. mat. zhur. 8 no. 6 1211-1213 N-D '67
- Talenskiy, N. A.
In memory of N. A. Talenskiy. Nov. i noveish. ist. no. 6 184 N-D '67
- Tatishchev, V. N.
Petrov, L. A. [Philosophical ideas of Prokopovich, Tatishchev, and Kantemir] Filosofskie vzglyady Prokopovicha, Tatishcheva i Kantemira. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1957. 87 p. (Irkutsk. Universitet. Trudy, vol. 20, Seriya filosofskaya, no. 1)
- Petrov, L. A. [Sociopolitical ideas of Prokopovich, Tatishchev, and Kantemir] Obshchestvenno-politicheskie vzglyady Prokopovicha, Tatishcheva i Kantemira. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1959. 57 p. (Irkutsk. Universitet. Trudy, vol. 20, Seriya filosofskaya, no. 3)
- Telenga, N. A.
In memory of Nikolai Abramovich Telenga; 1905-1966. N. P. Diadchko, A. I. Sikina. Ent. obozr. 46 no. 1 816-821 '67
- Tkachev, I. F.
Life and deeds. M. Ovsiannikov. Grazhd. av. 23 no. 10 14 O '66
- Todorov, T. G.
Todor Gonor Todorov; obituary. Meteor. i gidrol. no. 12-111 D '67
- TSinzerling, E. V.
Ekaterina Vladimirovna TSinzerling; on her 80th birthday. Kristallografiya 12 no. 6 963-965 N-D '67
- Tukhachevskiy, M. N.
Rakovskiy, L. I. [Mikhail Tukhachevskiy; a tale] Mikhail Tukhachevskiy; povest'. (Leningrad) Leningrad, 1967. 203 p.
- Tutykhin, B. A.
Boris Alekseevich Tutykhin's 70th birthday. N. I. Koval'skaya, A. N. Rakitinov, IU. O. Saushkin. Vest. Mosk. un. Ser. 5 Geog. 22 no. 4 116 31-Ag '67
- Utkin, V. V.
V. V. Utkin, on his 60th birthday. Zhur. nevr. i psikh. 67 no. 12 1882-1883 '67
- Vaisburd, B. M.
Berta Moiseevna Vaisburd; obituary. Vest. rent. i rad. 42 no. 6 101 N-D '67
- Valogdin, V. P.
V. P. Valogdin, M. K. Likhachev. Radio no. 12 13-14 D '67
- Val'ter, A. IU.
He devoted his life to the fleet. B. Kuznetsov, F. Katunze. Mor. flot 27 no. 11 46 N '67

- Vavilov, N. I.
Meeting Nikolai Ivanovich Vavilov. A. D. Sokolov. Zashch. rast. 12 no. 11 36 '67
- Vavilov, N. I. Shkola i proizv. 11 no. 10 77-78 O '67
- Vedel', A. L.
The 200th anniversary of Artem Vedel's birth. M. B. Upr. ist. zhur. 11 no. 8 127-128 Ag '67
- Vegman, V. D.
Vladimir Davydovich Vegman. Ist. SSSR no. 6 162-168 N-D '67
- Vinnikov, A. N.
The first chairman of the Supreme Court of the U. S. S. R. Biul. Verkh. Suda no. 5 11 '67
- Vladimirovskiy, M. F.
Slonimskaya, I. A. M. F. Vladimirovskiy. Moskva, Meditsina, 1967 50 p. (Vydatushchiesia delatellam obshchestvennoi meditsiny i zdravookhraneniya)
- Voroshilov, K. V.
Konstantin Vasil'evich Voroshilov, an eminent Russian physiologist of the 19th century. K. Gamburoglu, D. Kh. Lintifov. Fiziol. zhur. 53 no. 12 1197-1409 D '67
- Voshchanov, K. P.
In memory of K. P. Voshchanov; obituary. Svar. proizv. no. 6 63 3c '67
- Wedemeyer, Joseph
Joseph Wedemeyer and the League of Communists. 1849-1951. Karl Churman. Nov. i noveish. ist. no. 6 42-45 N-D '67
- Zalachkiy, M. T.
An outstanding leader of the communist movement in the Western Ukraine, on the 70th anniversary of the birth of M. T. Zalachkiy (Kosai). B. K. Dadykevych. Ukr. ist. zhur. 11 no. 11 121-122 N '67
- Zaitsev, S. I.
Sergei Ivanovich Zaitsev; obituary. Ugol' 12 no. 9 75 S '67
- Zhavoronkov, N. M.
Nikolai Mikhailovich Zhavoronkov. Zhur. prikl. khim. 40 no. 6 1553-1554 Ag '67
- Zhukov, E. K.
Evgeniy Konstantinovich Zhukov, on his 60th birthday. Fiziol. zhur. 53 no. 12 1105-1197 D '67
- Zhukov, E. M.
Academician E. M. Zhukov's 60th birthday. Nov. i noveish. ist. no. 6 181-182 N-D '67
- Ziedins, K.
Famous son of the Latvian People. I. Iakovlev. Mor. flot 27 no. 11 9 N '67

92 (575. 1) —Uzbek S. S. R.

[Revolutionary galaxy of Uzbek mass stars] Tashkent

Role of D. D. I Sel'kh

usu (Continued)

New studies on the history of the U.S.S.R. Ist. SSSR no 5 194-196 S-O '67

Some characteristics of the present-day Soviet historiography on the October Revolution. Tr. N. Gorodetskii Ist. SSSR no 5 7-28 S-O '67

Soviet studies in Russian history before the 10th century published in 1963-1966. S. M. Kashanov, IU R Kiohman Ist. SSSR no 3 156-177 S-O '67

Studies devoted to the foreign policy of the U.S.S.R. during the last 50 years. A. E. Ioffe. Nov. i noveish. ist. no. 6 100-113 N-D '67

We should disseminate historical knowledge among the masses. M. T. Belashin. Vop. ist. 42 no 12 153-161 D '67

The year of quests and hopes. V. I. Kochemasov Ist. SSSR no 5 197-201 S-O '67

930(437)—Czechoslovakia

Czechoslovak studies in the history of Latin America. I. Polishenski. Nov. i noveish. ist. no 6 178-179 N-D '67

930(477)—Ukrainian S.S.R.

Creative cooperation between Ukrainian and Armenian historians. D. O. Galustian, V. K. Voskanyan. Ukr. ist. zhur. II no. 8 49-55 Ag '67

Field studies of the Kiev Archaeological Expedition. D. Ia. Telehin, V. O. Kruts. Ukr. ist. zhur. II no. 11 154-155 N '67

Period of direct preparations for the mass collectivization of Ukrainian agriculture in the interpretation of Soviet historiography. V. I. Butenko. Ukr. ist. zhur. II no. 8 132-136 Ag '67

A scientific conference in Kiev. B. K. Ukr. ist. zhur. II no 8 159 Ag '67

Scientific contacts between the Ukraine and Armenia in 1920-1931. M. T. Dmytrienko. Ukr. ist. zhur. II no 8 56-60 Ag '67

930(477 8)—Western Ukraine

Armenian progressive scholars and artists in Lvov in the 19th and 20th centuries. H. S. Syzonenko. Ukr. ist. zhur. II no 8 67-70 Ag '67

A conference on the economic and cultural development of Soviet Bukovina. M. T. Shepeta. Ukr. ist. zhur. II no 8 151-152 Ag '67

The historiography of Bukovina. A. M. Iluhovskiy. Ukr. ist. zhur. II no. 7 141-146 Ji '67

930(478)—Moldavian S.S.R.

Belletchi, V. S., comp. [Bibliography of Moldavian archaeology, 1946-1966]. Bibliografiia po arheologii Moldavii (1946-1966 gg.) Kishinev, 1967. 27 p.

930(479.25)—Armenian S.S.R.

Creative cooperation between Ukrainian and Armenian historians. D. O. Galustian, V. K. Voskanyan. Ukr. ist. zhur. II no 8 49-55 Ag '67

Scientific contacts between the Ukraine and Armenia in 1926-1931. M. T. Dmytrienko. Ukr. ist. zhur. II no 8 50-60 Ag '67

930(72)—Mexico

The development of historical studies in Mexico. Enrique Florescano. Nov. i noveish. ist. no 6 129-137 N-D '67

930.1 HISTORY AS A SCIENCE, THEORY, PHILOSOPHY

[Criticism of present-day bourgeois historiography; a collection of articles]. Kritika noveish. burzhaznoi istoriografii; sbornik statei. Leningrad, 1967. 380 p.

Some problems of the philosophy of history in A. I. Hertzsen's works, 1817-1870. P. N. Guvvan. Vest. LGU 22 no 17 79-87 S '67

Some trends in the development of historical materialism. V. Zh. Kelle. Vop. filos. 21 no. 10-89-98 '67.

930.2 METHOD. STUDY OF SOURCES

[A guidebook to the genealogy collection in the Department of Documentary Sources of the State Historical Museum]. Putevoditel' po fondam lichnogo proiskhozhdeniia otsebla pl'mennykh istochnikov Gosudarstvennogo istoricheskogo muzeia. Moskva, 1967. 386 p.

A note on the methodology of historical studies (continuation). I. P. Kryp'akevych. Ukr. ist. zhur. II no 8 113-116 Ag '67

Notes on the methodology of historical studies (continuation). I. P. Kryp'akevych. Ukr. ist. zhur. II no 8 113-116 Ag '67

The use of documentary materials in the seventh grade. V. P. Shust. Ukr. ist. zhur. II no. 7 117-120 Ji '67.

930.2(477)—Ukrainian S.S.R.

Ukrainian history in the collections of documents and materials (conclusion). Ukr. ist. zhur. II no. 11:157-159 N '67.

930.2(519.3)—Mongolian People's Republic

Archaeological studies in Mongolia in 1964 and 1966. A. P. Okladnikov, V. I. Ianchiv, Izv. SO AN SSSR Ser. obshchestv. nauk no. 6:90-92 My '67.

930.2(571.6)—Soviet Far East

Recent finds of monuments of an ancient Eskimo culture on the western shores of the Bering Strait. O. N. Ivanov. Trudy SVKNI no 17 42-44 '67.

930.2(571.65)—Magadan Province

A topic review of the collections of the Archives of Magadan Province. A. S. Flokova. Trudy SVKNI no. 17 210-216 '67.

930.2(7)—North America

Ancient cultural traditions in the American Arctic regions and their contacts with northeastern Siberia, based on the excavations of 1955-1961. N. A. Bologova. Trudy SVKNI no. 17 85-102 '67.

930.26 ARCHAEOLOGY. ANTIQUITIES

Brief news and bibliography. Epig. Vost. no. 16:131-137 '67

930.26(477)—Ukrainian S.S.R.

Ancient territory of a city as a monument of history. L. A. Plashko. Ukr. ist. zhur. II no 8 117-121 Ag '67

930.26(55)—Iran

An Iranian copper tray of the 13th century. A. A. Ivanov. Epig. Vost. no. 18 94-101 '67

930.27(53)—Arabia

Materials on the history of the early Abbasides according to Arabic inscriptions. V. A. Krachkovskii. Epig. Vost. no. 18 41-58 '67

930.27(55)—Iran

Two decrees of Shah Abbas I. M. S. Neimatova. Epig. Vost. no. 18 105-112 '67

930.27(56)—Near East

More about Phoenician and Canaanite inscriptions on spearheads and arrowheads. M. S. Gel'tser. Epig. Vost. no. 18 128-130 '67

930.27(574)—Kazakh S.S.R.

A shoulder blade of a cow with a Turkic inscription in Arabic letters found in the ancient settlement of Aspara in the Chu Valley. S. N. Muratov, L. B. Erzakovich. Epig. Vost. no 18 71-79 '67

930.27(575.3)—Tajik S.S.R.

Gravestones of the 13th-16th centuries which mention the term "dikhan". A. M. Mukhtarov. Epig. Vost. no. 18 88-93 '67

930.27(62)—Northeast Africa, Egypt and Sudan

Inscriptions on fragments of a wooden sarcophagus of the prince, the only friend (king) Spis-pw-Mnw. I. G. Ilyushits. Epig. Vost. no 18 3-15 '67.

930.9 GENERAL HISTORY. WORLD HISTORY

The Great October Revolution and the establishment of the world socialist system. I. F. Ilyushev. Ukr. ist. zhur. II no. 11:3-12 N '67.

[Problems of world history, a collection of historiographical studies]. Problemy vseobshchei istorii, istoriograficheskii sbornik. Otv. redaktor V. G. Revunenko. [Leningrad] Izd-vo Leningr. univ., 1967. 178 p.

Rozenov, G. L., K. P. Voshchenkov, and A. V. Meliksetov. [Recent history, 1945-1966, a manual for teachers]. Noveishaiia istoriia (1945-1966), posobie dlia uchitelia. Moskva, Prosveshchenie, 1967. 245 p.

Some problems in the history of international relations on the eve of the Second World War. Z. S. Belousova. Nov. i noveish. ist. no 6:223-128 N-D '67.

931(477)—Ukrainian S.S.R.

History of military art in the northern Black Sea region. IE, V. Chernenko. Ukr. ist. zhur. II no. 11:92-94 N '67.

94 MEDIEVAL AND MODERN HISTORY

Study of the early Middle Ages and the problems of our time. IU, L. Bessmerinyl. Vop. ist. 42 no. 12 83-95 D '67.

Tehran, 1943 (to be continued). V. M. Berezhkov. Nov. i noveish. ist. no. 6:87-90 N-D '67.

94(460)—Spain

Volunteers of freedom. A. Rodimtsev. Mol. komm. no 10:88-103 '67.

94(729)—West Indies

Antonio Guterres and the Revolution of 1919. C. Garcia Garcia. Nov. i noveish. ist. no 6:107 '67.

940 HISTORY OF EUROPE

Articles in periodicals published in 1967. Vop. ist. 42 no. 12 195-197 D '67.

Brief notes. Vop. ist. 42 no. 12:200-201 D '67.

940(430)—Germany

Count Mirbach's wrong prediction, history of Soviet policy of German imperialism in 1914. V. L. Israchian. Nov. i noveish. ist. no 6:107 '67

The February and October revolutions and the movement in Mecklenburg-Schwerin in 1918. Heinz Meint. Ist. SSSR no 5 219-221 '67

940(437)—Czechoslovakia

The Great October Socialist Revolution and the development of Czechoslovakia. Zdenek Kral. Vop. ist. 42 no. 12 195-197 D '67

Soviet Russia and the Slovak Soviet Republic. Ist. SSSR no 5 252-254 S-O '67

940(438)—Poland

Polish-Soviet pacts in June-December 1943. A role in the future course of the civil war. W. Goslynska. Ukr. ist. zhur. II no. 11:71-78 N '67

940(439)—Hungary

History of the Hungarian Communist Party's support of the masses. I. M. Hamuk. Ist. SSSR no 5 252-254 S-O '67

940(460)—Spain

The Battle of Madrid to be continued. Ist. SSSR no 5 252-254 S-O '67

940(48)—Scandinavia

The second and third Soviet conferences on the economy, languages, and literature of the countries of Scandinavia. G. I. Anokhin. Ist. SSSR no 5 252-254 S-O '67

940(480)—Finland

The First Colloquy of Ethnographers of the North. Region. A. Vilres, N. V. Shlygina. Ist. SSSR no 5 252-254 S-O '67

New materials on the contacts of the editors of the paper "Kolokol" and Mikhail Bakunin with the national liberation movement. L. L. Dubinskii. Ist. SSSR no 5 252-254 S-O '67

940(495)—Greece

"Bobelina, a Greek heroine." I. S. Solntseva. Vop. ist. 42 no. 12 203-205 D '67.

940(497.1)—Yugoslavia

Policy of English imperialism toward giving an outlet to the Adriatic Sea, 1912-1913. V. V. Uki. ist. zhur. II no 8 106-100 Ag '67.

940(498)—Rumania

Two messages of the Rumanian Socialist Democratic revolutionary Russia. V. N. Vinogradov. Vop. ist. no. 12 73-82 D '67.

940.53 HISTORY OF WORLD WAR II, 1939-1945

Above the Volga stronghold. S. Rudenko. Av. ist. no 12 27-32 D '67.

Airplanes go on a mission. N. Shepin. Ty. i ist. Voor. SII 27 no. 8:17-19 Ag '67.

Great historic deeds of the Soviet people. A. V. Kommunist 44 no. 1 57-68 Ju '68.

[Letters from the frontlines]. Pis'ma frontovye. Kirov, Kemerovskoe knizhnoe izd-vo, 1967. 291 p.

Loboda, V. F. [Military glory]. Soldatskaya slava i skva, Voenizdat. Book 2. 1967. 350 p.

Loyal sons of the fatherland. A. Rodimtsev. F. Vooruzh. SII 48 no. 23 14-17 D '67.

Party card No. 026487. A. Zaitsev. Av. ist. no. 12 30-31 D '67.

The Tehran meeting (conclusion). V. Heret. Vrem. 25 no. 50 27-33 D '67.

Through a fire storm. A. Kazak, E. Ragayina. Av. kosm. no. 12 74-76 D '67.

940.53(437)—Czechoslovakia

Impassioned voices of guerrilla fighters. V. A. Kvityns'kyi. Ukr. ist. zhur. II no. 8:120-131 Ag '67

940.53(471.310)—Moscow City

Kiknadze, M. G. [In the skies of our capital city]. V. stolitsy. Moskva, DOSAAF, 1967. 85 p.

- 947(479, 24)—Azerbaijan S.S.R.
Unforgettable pages of history. M. M. Dvashchev. Ukr. Ist. zhur. 11 no 11:79 N '67.
- 947(479, 25)—Armenian S.S.R.
Armenian progressive scholars and artists in 1940 in the 1940 and 20th centuries. H. S. Syronenko. Ukr. Ist. zhur. 11 no 6:67-70 Ag '67.
- 947(571)—Asiatic R.S.F.S.R.
Nektari, Archbishop of Siberia, and the dissemination of Orthodox ideas. E. K. Romodanovskaya. Izv. SO AN SSSR Ser. obshchestv. nauk no 6:99-105 My '67.
- Okladnikov, A. P. [We are preparing a history of Siberia.] Pishetsia istoria Sibiri. Moskva, Znaniye, 1967. 62 p. (Novoe v zhizni, nauke, tekhnike X Seriya Molodezhnaya, 23)
Some reasons for the incorporation of Siberia into Russia in the late 16th and early 17th centuries. O. N. Vilkov. Izv. SO AN SSSR Ser. obshchestv. nauk no. 6:92-98 My '67.
- The Ural Mountain region and Western Siberia during the peasant war led by S. T. Razin. A. A. Pecherzhinskii. Trudy LOI AN SSSR no 9:280-293 '67.
- 947.084 HISTORY OF RUSSIAN REVOLUTION, 1917-1920
At the roots of friendship. Erik Salomaa. Vsem. prof. divizh. no. 7:36-37 O '67.
Confidence and enthusiasm. Georges Seguy. Vsem. prof. divizh. no. 7:19-20 O '67.
Creators of a new world. S. Kalinin. V mire knig 7 no. 9:5-6 '67.
The day that opened a new epoch. Prof. I. I. I. 24 no 10:4-5 O '67.
During the days of the great jubilee. Louis Salliant. Vsem. prof. divizh. no. 7:1-2 O '67.
Early history of the Red Army. G. D. Plaskov. Ist. SSSR no. 6:127-131 N-D '67.
Establishment of a special Soviet apparatus for the control of economic and cultural development. October 1917-July 1918. G. I. Petrov. Vost. Ist. 22 no 17:88-97 S '67.
The falsifiers are not stopping. R. Simonenko. Komm. Ukr. 42 no. 12:84-91 D '67.
The first ship of the Revolution. G. P. Bartev. Mor. sbor. 51 no 11:27-35 N '67.
First step of the revolution in Russia. N. Vodenin. Sov. Ist. no 16:5 S '67.
The great, the really national revolution. P. Fedoseev. Komm. Ukr. 42 no 11:35-41 N '67.
I remember... Pierre Delon, Adolf Deter. Vsem. prof. divizh. no. 7:43 O '67.
Immense and everlasting gratitude. Raymond Latin. Vsem. prof. divizh. no. 7:37 O '67.
Lenin's Decree on Peace and the establishment of the diplomatic apparatus of the Soviet state. G. K. Amelin. Sov. gos. i pravo no. 12:58-64 D '67.
The October Revolution and the organization of the Soviet socialist apparatus of administration of justice. G. Amelin. Sov. Ist. no. 22:3-4 N '67.
- Poljakov, I. A. [The great turning point of history] Velikii rubezh istorii. Moskva, Nauka, 1967. 118 p.
River and lake fleets in the Revolution. I. P. Gass. Mor. sbor. 51 no. 11:41-45 N '67.
- Rodionov, V. S. [Feat of the youngest son] Podvig mladshogo syna. Saratov, P. izvolzhskoe knizhnoe izd-vo, 1967. 77 p.
Sailors are the heroes of October. K. P. Mikhailov. Mor. sbor. 51 no. 11:33-41 N '67.
- Sartakov, S. V. [First meeting] Pervaya vstrecha. Moskva, Molodiata gvardia, 1967. 159 p.
Ships of the Revolution. Mor. sbor. 51 no. 11:30-33 N '67.
Some characteristics of the present-day Soviet historiography of the October Revolution. E. N. Gorodetskii. Ist. SSSR no. 5:7-28 S-O '67.
Submarine boats of the Red Banner Baltic Fleet in the Great Patriotic War, 1941-1945. L. A. Kuznetsov, A. N. Mushnikov. Mor. sbor. 51 no 11:46-52 N '67.
Underground in Adzhim-Ushkay. N. Kambulov. Sov. voen. 48 no 16:32-36 Ag '67.
"We, the peasants, stand for the Soviet regime!" Ist. SSSR no. 6:134-143 N-D '67.
- 947.084(471.232)—Leningrad City
[The Great October Revolution took place here; visiting places of the armed uprising in Petrograd] Zdes' svershalsia Velikii Oktjabr', po mestam vooruzhennogo vosstaniia v Petrograde. [Leningrad] Lenizdat, 1967. 242 p.
- 947.084(471.310)—Moscow City
The Moscow Soviet of Workers' Deputies on the eve of the October Revolution. I. P. Zubekhin, N. S. Koloditskaia. Ist. SSSR no 5:28-39 S-O '67.
- 947.084(471.311)—Moscow Province
The October Revolution at the Kolomna Machinery Plant. G. P. Efremtsev. Ist. SSSR no. 6:100-112 N-D '67.
- 947.084(471.326)—Tambov Province
From dual government to the untested rule of the Soviets in Uman'. I. I. Gorbunov. Ist. SSSR no 5:119-120 S-O '67.
- 947.084(471.341)—Gorky Province
A conference in Gorky devoted to the 50th anniversary of the October Revolution. K. G. Seloznev. Ist. SSSR no 5:246-248 S-O '67.
- 947.084(471.4)—Central and Lower Volga Regions
Zakharov, N. S., and I. A. Emel'ianova. [The Soviets of the Central Volga Valley on the eve of the October Revolution, based on the materials of the Kazan Government] Sovety Srednego Povolzh'ia v period podgotovki Oktjabr'skoi revoliutsii, po materialam Kazanskoi gubernii. [Kazan'] Izd-vo Kazanskogo univ., 1967. 127 p.
- 947.084(474.3)—Latvian S.S.R.
Bolshevization of the Ruzhisa Soviet. V. V. Farsobin. Ist. SSSR no 5:40-54 S-O '67.
- 947.084(476)—White Russian S.S.R.
The birth and development of the national state of the White Russian people. V. A. Krutalevich. Sov. gos. i pravo no. 12:49-58 D '67.
Bolshevization of the Ruzhisa Soviet. V. V. Farsobin. Ist. SSSR no 5:40-54 S-O '67.
- 947.084(477)—Ukrainian S.S.R.
The anniversary of the Soviet Ukraine. V. Koval'. Nov. vsem. 23 no 52:3-4 D '67.
The falsifiers are not stopping. R. Simonenko. Komm. Ukr. 42 no. 12:84-91 D '67.
50 years of the Ukrainian S.S.R. V. V. Shecherbitskii. Form. Ukr. 42 no. 12:9-22 D '67.
Unsuccessful attempts of the Central Rada to use the Ukrainian military units in 1917. A. I. Tkachuk. Ukr. Ist. zhur. 11 no 8:75-84 Ag '67.
Victorious march of the Great October Revolution in the Ukraine. S. Korolovskii. Komm. Ukr. 42 no. 12:23-32 D '67.
V. I. Lenin and the Great October Revolution in the Ukraine. I. D. Nazarenko. Vop. Ist. KPSS 12 no 1:33-44 Ja '68.
- 947.084(571.13)—Omsk Province
Establishment of the Soviet regime in Omsk and Omsk Province. V. M. Samosudov. Ist. SSSR no 5:103-116 S-O '67.
- 947.084(571.15)—Altai Territory
[Glory of those days will last forever] Etikh dni ne smolknut slava [Bairaul, Altaiskoe knizhnoe izd-vo, 1967] 221 p.
- 947.084(571.6)—Soviet Far East
The work of the executive and people's revolutionary committees in the northwestern regions of the Far East during the Far East Republic. B. I. Mukhachev. Trudy SVKNII no. 17:104-110 '67.
- 947.084(574)—Kazakh S.S.R.
[Victory of the Soviet regime in Central Asia and Kazakhstan] Pobeda Sovetskoi vlasti v Srednei Azii i Kazakhstane. Tashkent, Fan 1967. 768 p.
- 947.084(575)—Central Asia
Abdullaev, V. M. [For the Soviet regime in Turkestan; the struggle against Uzbek guerrillas in the literary works of A. Pietnev, G. Dzharabaev, and M. Sheverdin] Za vlast' Sovetov v Turkestane, tema bor'by s basmachestvom v protivodeniakh A. Pietneva, G. Dzharabaeva i M. Sheverdina. Tashkent, Izd-vo khudozh. lit-ry im. Gafura Gullama, 1967. 108 p.
[Victory of the Soviet regime in Central Asia and Kazakhstan] Pobeda Sovetskoi vlasti v Srednei Azii i Kazakhstane. Tashkent, Fan 1967. 768 p.
- 950 HISTORY OF ASIA
Problems in modern and recent history discussed at a session in Vladivostok. A. I. Krushanov. Nov. i noveish. Ist. no. 6:176-178 N-D '67.
- 950(53)—Arabia
Materials on the history of the early Abbasides according to Arabic inscriptions. V. A. Krachkovskaya. Epig. Vost. no. 18:41-58 '67.
- Reikh, I. U. N. [Selected works] Izbrannye trudy. Moskva, Nauka, 1967. 570 p. [In Russian, English, and French]
- 950(55)—Iran
Two decrees of Shah Abbas I. M. S. Neimatova. Epig. Vost. no. 18:105-112 '67.
- 950(571)—Asiatic R.S.F.S.R.
Materials on Siberian history in the press. A. A. Pecherzhinskii. Vop. Ist. SSSR no 5:119-120 S-O '67.
- 950(571.6)—Soviet Far East
An out-of-town session of the Bureau of the Academy of Sciences of the USSR in Vladivostok. A. I. Krushanov. Vop. Ist. SSSR no 5:119-120 S-O '67.
Objectives of historical studies in the north of the Soviet Far East. N. N. Tikhov. Trudy SVKNII no 17:4-14 '67.
- 950(571.65)—Magadan Province
History of the creation of the city of Magadan. Trudy SVKNII no. 17:141-148 '67.
A topic review of the collections of the city of Magadan Province. A. S. Kholodov. Trudy SVKNII no. 17:210-216 '67.
- 950(571.651)—Chukotka National District
Principal phases of socio-economic development of the Chukchi Peninsula. Trudy SVKNII no. 17:111-115 '67.
- 950(574)—Kazakh S.S.R.
Policy of the Russian Government in Kazakhstan to the peasant war of 1773-1775, the Russian Revolution and the upper circles of Kazakh society. G. I. Semenuk. Trudy LOI AN SSSR no. 9:280-293 '67.
- 950(575)—Central Asia
Geoffrey Wheeler rewrites the history of Central Asia. G. A. Khudolov. Vop. Ist. SSSR no 5:119-120 S-O '67.
- 950(597)—Vietnam
Along the paths of courage. I. I. I. 24 no 10:4-5 O '67.
Arms and men. Iuri Zhukov. Nov. vsem. 23 no 52:3-4 D '67.
Defeat of the aggressors in the U.N. Vietnam. 25 no. 52:14 D '67.
McNamara's resignation. B. I. I. 24 no. 50:23 D '67.
Nazarevskii, V. A. [Economy of the U.S.S.R. in Vietnam] Ekonomika SShA i Vietnam. Moskva, IMO, 1967. 78 p.
On our planet. Hans Scheerflg. Nov. vsem. 23 no 52:14 D '67.
A review of the military action in South Vietnam. Al. Leont'ev. Nov. vsem. 25 no 2:4-10 Ag '67.
The signal of the battlebugle. M. I. I. 24 no. 4:57-58 Ag '66.
Stable Vietnam, an interview. Nov. vsem. 22 Ja '68.
Unmasking the aggressors. A. Inglov. Nov. vsem. 23 no 6:77-78 Jo '67.
Vietnam adventure of Washington. M. I. I. 24 no. 15:169-73 Ja '68.
Where the war is. A. Khodyrov. Mol. I. 24 no. 92-95 '67.
- 950(597.7)—North Vietnam
Zhukov, Iuri, and Viktor Shurapov. [Recollections of the special correspondents of "Pravda" in the Democratic Republic of Vietnam, 1965-1967] Zapiski spetsial'nykh korrespondentov "Pravdy" v Demokraticeskoi Respublike Vietnam, 1965-1967. [Moskva] Izd-vo "Pravda," 1968. 268 p.
- 951(51)—China
The October Socialist Revolution and the national liberation movement in China, 1917-1927. A. I. I. 24 no 1:10-11 N-D '67.
- 980 HISTORY OF SOUTH AMERICA
Czechoslovak studies in the history of Latin America. I. Polshenski. Nov. i noveish. Ist. no 6:176-178 N-D '67.
A Venezuelan historian has visited the Soviet Union. A. Antonov. Nov. i noveish. Ist. no. 6:176-178 N-D '67.
- 980(729)—West Indies
Barbados and its people. A. D. Dridzo. Sov. voen. 48 no 11:8-12 Ag '67.
- 980(931)—New Zealand
Mafakhovskii, K. V. [A three times discovered land] Trizhdy okrytiia zemlia. Moskva, Nauka, 1967.
- AUXILIARY CLASS BY PLACE
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- (235) MOUNTAINS OF ASIA
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- (261) ATLANTIC OCEAN
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- (261.3) BALTIC SEA, WITH GULFS
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- (262) MEDITERRANEAN SEA, INCLUDING ADRIATIC AND AEGEAN SEAS
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- (262.9) ARAL SEA
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- (265) PACIFIC OCEAN
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- (267) INDIAN OCEAN
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- (4/9.104) CAPITALIST COUNTRIES OF THE WORLD
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- (4) EUROPE
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- (430) GERMANY
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- (431) GERMAN DEMOCRATIC REPUBLIC
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- (433) FEDERATED REPUBLIC OF GERMANY
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- (436) AUSTRIA
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- (437) CZECHOSLOVAKIA
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- (438) POLAND
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- (439) HUNGARY
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- (44) FRANCE
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- (45) ITALY
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- (460) SPAIN
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- (468.2) GIBRALTER
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- (47) UNION OF SOVIET SOCIALIST REPUBLICS (U.S.S.R.)
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- (470) EUROPEAN U.S.S.R.
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- (471) RUSSIAN SOVIET FEDERATED SOCIALIST REPUBLIC (R.S.F.S.R.)
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- (471.1) NORTHERN R.S.F.S.R.
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- (471.11) ARCHANGEL PROVINCE
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- (471.12) VOLOGDA PROVINCE
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- (471.13) KOMI A.S.S.R.
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- (471.2) NORTHWESTERN R.S.F.S.R.
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- (471.21) MURMANSK PROVINCE
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- (471.22) KARELIAN A.S.S.R.
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- (471.23) LENINGRAD PROVINCE
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- (471.232) LENINGRAD CITY
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- (471.24) NOVGOROD PROVINCE
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- (471.25) PSKOV PROVINCE
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- (471.26) KALININGRAD PROVINCE
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- (471.310) MOSCOW CITY
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- (471.311) MOSCOW PROVINCE
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- (471.312) TULA PROVINCE
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- (471.313) RYAZAN PROVINCE
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- (471.314) VLADIMIR PROVINCE
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- (471.315) IVANOVO PROVINCE
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- (471.316) YAROSLAVL PROVINCE
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- (471.317) KOSTROMA PROVINCE
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- (471.318) KALUGA PROVINCE
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- (471.32) CENTRAL BLACK EARTH REGIONS
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- (471.321) OREL PROVINCE
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- (471.322) LIPETSK PROVINCE
see under the following number 786
- (471.323) KURSK PROVINCE
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- (471.324) VORONEZH PROVINCE
see under the following numbers 371 1, 616, 616 8, 655
- (471.326) TAMBOV PROVINCE
see under the following numbers 362 1, 362 7, 631 2, 947 084
- (471.327) PENZA PROVINCE
see under the following numbers 338 1, 368 48
- (471.33) WESTERN R.S.F.S.R.
see under the following number 625 7
- (471.331) KALININ PROVINCE
see under the following number 654 1
- (471.332) SMOLENSK PROVINCE
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- (471.333) BRYANSK PROVINCE
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- (471.34) VOLGA-VYATKA REGIONS
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- (471.341) GORKIY PROVINCE
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- (471.342) KIROV PROVINCE
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- (471.344) CHUVASH A.S.S.R.
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- (471.4) CENTRAL AND LOWER VOLGA REGIONS
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- (471.41) TATAR A.S.S.R.
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- (471.42) UL'YANOVSK PROVINCE
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- (471.43) KUYBYSHEV PROVINCE
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- (471.45) VOLGOGRAD PROVINCE
see under the following numbers 339, 347 0, 351 74, 371 3, 373 6, 550 8, 553 0
- (471.46) ASTRAKHAN PROVINCE
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- (471.5) URAL REGIONS
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- (471 51) UDMURT A.S.S.R.
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- (471 52) BASHKIR A.S.S.R.
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551.48, 551.7, 553.9, 613, 616; 616.2, 616.3,
622.6, 665.5, 914
- (471 53) PERM PROVINCE
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553.9, 621, 634.0, 662.7, 69
- (471 54) SVERDLOVSK PROVINCE
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669.16, 913
- (471 55) CHELYABINSK PROVINCE
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- (471 56) ORENBURG PROVINCE
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- (471.6) NORTHERN CAUCASUS
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- (471.61) ROSTOV PROVINCE
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- (471 62) KRASNODAR TERRITORY
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- (471 63) STAVROPOL TERRITORY
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- (471 631) KALMYK A.S.S.R.
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- (471 632) KARACHAY-CHEKES AUTONOMOUS PROV-
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- (471 64) KABARDINO-BALKAR A.S.S.R.
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- (471.65) NORTH OSSETIAN A.S.S.R.
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- (471 66) CHECHEN-INGUSH A.S.S.R.
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- (471 67) DAGESTAN A.S.S.R.
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- (474) BALTIC REPUBLICS
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- (474.2) ESTONIAN S.S.R.
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796, 947
- (474.3) LATVIAN S.S.R.
see under the following numbers 02, 06, 100,
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632.9, 637, 655, 947, 947.084
- (474.5) LITHUANIAN S.S.R.
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658, 658.7, 691, 699.8, 73, 75, 79, 792
- (476) WHITE RUSSIAN S.S.R.
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374, 378, 395, 546.3, 571, 572, 621.00,
621.7; 622.6, 625.1, 631.1, 631.3, 635, 637;
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- (477) UKRAINIAN S.S.R.
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655, 656.2, 657, 658, 658.3, 658.5; 658.7;
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7.01, 725.4, 78, 91, 910, 930, 930.2, 930.26,
931, 940.53, 947, 947.084
- (477 8) DONETS BASIN
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- (477 8) WESTERN UKRAINE
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658, 658.5, 7.05, 91, 930, 947
- (477 88) TRANS-CARPATHIA
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- (477.9) CRIMEA
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- (478) MOLDAVIAN S.S.R.
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- (479) CAUCASUS AND TRANS-CASPIA
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- (479.22) GEORGIAN S.S.R.
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- (479.224) ABKHAZ A.S.S.R.
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- (479.24) AZERBAIJAN S.S.R.
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- (479.25) ARMENIAN S.S.R.
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- (48) SCANDINAVIA
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- (480) FINLAND
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- (481) NORWAY
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- (485) SWEDEN
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- (489) DENMARK
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- (494) SWITZERLAND
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- (495) GREECE
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- (496) EUROPEAN COMMUNIST COUNTRIES AS A GROUP
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- (497.1) YUGOSLAVIA
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- (497.2) BULGARIA
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- (498) RUMANIA
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- (5) ASIA
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- (51) CHINA
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- (519.17) NORTH KOREA
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- (519.3) MONGOLIAN PEOPLE'S REPUBLIC
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- (52) JAPAN
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381, 621.791, 658, 675
- (533) YEMEN
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- (539) ARAB COUNTRIES AS A GROUP
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- (540) INDIA
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- (549) PAKISTAN
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- (55) IRAN
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- (56) NEAR EAST
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- (560) TURKEY
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- (564.3) CYPRUS
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- (567) IRAQ
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- (569.4) ISRAEL
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- (569.5) JORDAN
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- (57) ASIATIC U.S.S.R.
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- (571) ASIATIC R.S.F.S.R.
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- (571.11) KURGAN PROVINCE
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- (571.12) TYUMEN PROVINCE
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- (571.13) OMSK PROVINCE
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- (571.14) NOVOSIBIRSK PROVINCE
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621.38, 631.3, 78, 792
- (571.15) ALTAI TERRITORY
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571, 577.1, 581.9, 591.5; 595, 599, 613,
947.084
- (571.151) GORNO-ALTAI AUTONOMOUS PROVINCE
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482, 551.3; 591.9, 598.1, 632
- (571.17) KEMEROVO PROVINCE
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622.3; 622.4; 637, 658, 669.1
- (571.51) KRASNOYARSK TERRITORY
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622.3, 631.8, 634.0, 69.02, 702, 911
- (571.511) TAYMYR NATIONAL DISTRICT
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- (571.513) KHAKASS AUTONOMOUS PROVINCE
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- (571.52) TUVA A.S.S.R.
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- (571.53) IRKUTSK PROVINCE
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595, 621.3, 639.3, 676
- (571.55) CHITA PROVINCE
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631.2, 69

- (571.56) YAKUT A.S.S.R.
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551.7, 552, 616.1, 91
- (571.6) SOVIET FAR EAST
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551.7, 552, 562, 571, 576.8, 581.0, 616.9,
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- (571.61) AMUR PROVINCE
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- (571.62) KHABAROVSK TERRITORY
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- (571.63) MARITIME TERRITORY
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657, 702
- (571.64) SAKHALIN PROVINCE
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582.2
- (571.65) MAGADAN PROVINCE
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336, 39, 571, 915, 930.2, 950
- (571.651) CHUKCHI NATIONAL DISTRICT
see under the following numbers 00, 323.15,
336.9, 37, 373.6, 39, 950
- (571.66) KAMCHATKA PROVINCE
see under the following numbers 482, 551.7, 561,
571, 614
- (574) KAZAKH S.S.R.
see under the following numbers 00, 002, 06.06,
323.3, 329.01, 330.19, 331.1, 336, 338.1, 338.9,
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654, 656.2, 658.5, 662.7, 666.7, 69, 69.0,
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- (575) CENTRAL ASIA
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- (575.1) UZBEK S.S.R.
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- (575.172) KARA-KALPAK A.S.S.R.
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- (575.2) KIRGHIZ S.S.R.
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343.8, 347.9, 368.4, 551.5, 58, 595, 613,
616.09, 655, 725.4
- (575.3) TAJIK S.S.R.
see under the following numbers 31, 373.6,
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616.8, 621.22, 622.3, 631.3, 631.4, 930.27
- (575.4) TURKMEN S.S.R.
see under the following numbers 00, 343.8,
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551.2, 551.7, 582, 582.4, 595, 598.2, 599,
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- (581) AFGHANISTAN
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- (591) BURMA
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- (596) CAMBODIA
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- (597) VIETNAM
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- (597.7) NORTH VIETNAM
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- (6) AFRICA
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- (61) NORTH AFRICA
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- (611) TUNISIA
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- (62) NORTHEAST AFRICA. EGYPT AND SUDAN
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- (66) WEST AND NORTH CENTRAL AFRICA
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- (7) NORTH AMERICA
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- (71) CANADA
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- (72) MEXICO
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- (729) WEST INDIES
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- (73) UNITED STATES OF AMERICA
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300.1, 300.603, 323, 323.1, 323.3, 324,
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- (8) SOUTH AMERICA
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- (94) AUSTRALIA (COMMONWEALTH)
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- (96) ARCTIC AND NORTH POLAR REGIONS
see under the following numbers 502, 509

PART D

Books on Russia and the Soviet Union, or by Russian and Soviet authors, in English or in the major Western European languages (French, German, Italian, Spanish) recently cataloged by the Library of Congress

ENGLISH

- ADAMS, ARTHUR F.
A History of Russia and East Europe in history. [by] Arthur F. Adams, Ed M. Math, and William O. McCall. London, Heinemann, 1967. vi, 201 p. 21 1/2 cm.
G3111 .A1A2 1967a Map 68-211
- ADAMS, I. I.
On the relations of algebraic problems for groups and rings. [by] I. I. Adams. [Translated from the Russian by M. Greenberg.] Providence, American Mathematical Society, 1967. iii, 152 p. 23 cm. (Proceedings of the Steklov Institute of Mathematics, no. 53) Translation of *Osnovnye teoreticheskie i prikladnye zadachi dlya grupp i kol'tseb*.
QA1 .A113 .A15 68-1484
- AKADEMIYA NAUK SSSR. Institut biologicheskoi fiziki.
The effect of space-flight factors on functions of the central nervous system. N. N. Livshits, editor-in-chief. [Washington] National Aeronautics and Space Administration, for sale by the Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. [1967?]. 274 p. 27 cm. (NASA Technical translation, NASA TT F-413) Translation of *Vliyanie faktov kosmicheskogo poleta na funktsii tsentral'noi nervnoi sistema*.
TL507 .O745 .n3 .A13 67-61906
- AKADEMIYA NAUK SSSR. Institut metallurgii.
Internal friction in metals and alloys. Edited by V. S. Postnikov, I. N. Lavadze, and L. K. Gordienko. Translation from Russian by A. I. Tyubulevich. New York, Consultants Bureau, 1967. x, 266 p. 28 cm. Translation of *Vnutrennee trenie v metallakh i splavakh*.
TN500 .A413 68-924
- AKADEMIYA NAUK SSSR. Matematicheskii institut.
Theory and applications of differentiable functions of several variables, edited by S. M. Nikol'skii. [Translated from the Russian by G. W. Hedstrom.] Providence, American Mathematical Society, 1967. iv, 242 p. 25 cm. (Proceedings of the Steklov Institute of Mathematics, no. 77) Translation of *Issledovaniia po teorii differentsiruemykh funktsii mnogikh peremennykh i ee prilozheniia*.
QA1 .A13 .n3 .77 68-1877
- AKADEMIYA NAUK SSSR. Nauchnyi sovet po probleme fiziko-khim. i matematicheskoi teorii.
Physics, synthesis of productive systems. A. A. Nishimovskii, editor. Translated from Russian by N. K. Kuznetsov. Translation edited by J. L. Monteith. Jerusalem, Israel Program for Scientific Translations, 1967. iv, 162 p. 25 cm. Translation of *Fiziko-khimicheskie i matematicheskie osnovy sinteza produktivnykh sistem*.
QA1 .A13 .n3 .77 68-1877
- ALIKHANIAN, ARTEMII ISAAKOVICH, 1908-
Modern aspects of particle physics. (Voprosy fiziki elementarnykh chastits) edited by A. I. Alikhanian. Translated from Russian [by] IST staff. Edited by A. L. Levin. Jerusalem, Israel Program for Scientific Translations, [available from the U.S. Dept. of Commerce, Clearinghouse for Federal Scientific and Technical Information, Springfield, Va.] 1965. iv, 516 p. 25 cm. Collection of lectures given at the third session of the Spring School of Theoretical and Experimental Physics held on 3-13 April, 1963, at Nour-Amberd. Published for the National Science Foundation, Washington, D.C.
QC721 .A1423 67-02
- ANICHKOV, SERGEI VIKTOROVICH.
The experimental basis of gastric ulcer pharmacotherapy by S. V. Anichkov and I. S. Zavodskaya. Translated by Alan Huxley. [1st English ed.] Oxford, New York, Pergamon Press [1958?]. vi, 171 p. illus. 24 cm. Translation of *Farmakoterapiia iazvennoi bolezni*.
RC822 07-22834/CD
- ANTI-TAYLOR, WILLIAM.
Moscow diary. London, Hale, 1967. 102 p. 22 1/2 cm.
LA838 .7 .A62 67-112859
- APANASEWICZ, NELLIE MARY, 1922-
comp.
Textbooks for Soviet schools, compiled by Nellie Apanasewicz, in collaboration with Seymour M. Rosen. [Washington] U.S. Dept. of Health, Education, and Welfare, Office of Education, [for sale by the Superintendent of Documents, U.S. Govt. Print. Off., 1966?]. 14 p. 24 cm.
Z5817 .A6 H E W 66-132
- ARNOT, ROBERT PAGE, 1890-
The impact of the Russian Revolution in Britain, by R. Page Arnot. London, Lawrence & Wishart, 1967. 191 p. 22 1/2 cm.
DK265 .42 .G7A7 68-75617
- BARBOUR, PHILIP L.
Dimitry, called the Pretender: Tsar and Great Prince of All Russia, 1605-1606 [by] Philip L. Barbour, illustrated with photographs and with maps and tables by Samuel H. Bryant. London, Melbourne, Macmillan, 1967. xxvii, 387 p. 22 1/2 cm.
DK112 .B3 1967 67-114892
- BARTENEV, GEORGI MIKHAILOVICH.
Strength and failure of visco-elastic materials, by G. M. Bartenev and Yu. S. Zuyev. Translated by F. F. and P. Jaray. Oxford, New York, Pergamon Press [1966?]. xiii, 419 p. 24 cm. Translation of *Plochnost' i razrusheniye viskoelasticheskikh materialov*.
TA455 .P58B33 1968 67-23704
- ECKER, SEYMOUR.
Russia's protectorates in Central Asia. Bukhara and Khiva, 1865-1924. Cambridge, Harvard University Press, 1968. xiv, 416 p. 25 cm. (Russian Research Center studies, 54).
DK879 .B4 67-30825
- BELKNAP, ROBERT L.
The structure of the Brothers Karamazov. [By] Robert L. Belknap. The Hague, Paris, Mouton, 1967. 126 p. 24 cm. (Slavistic printings and reprintings, 72).
PG3325 .B73B4 67-27206
- BENSON, MORTON.
Dictionary of Russian personal names, with a guide to stress and morphology. Compiled by Morton Benson. [2d ed., rev.] Philadelphia, University of Pennsylvania Press [1967?]. v, 175 p. 24 cm. (University of Pennsylvania studies in East European languages and literatures).
CS2811 .B4 1967 68-143
- BERGH, HENDRIK VAN, 1914-
Murder to order [by] Karl Anders. London, Amsterdam, 1965. 110 p. 22 cm. Translation of *Mord auf Befehl*.
DK266 .3 .B413 1965 68-318
- BERGH, HENDRIK VAN, 1914-
Murder to order [by] Karl Anders. New York, Devin-Adair Co., 1967. 127 p. 21 cm. Translation of *Mord auf Befehl*.
DK266 .3 .B413 1967 67-18232
- BILINSKY, YAROSLAV.
Changes in the Central Committee: Committee of the Soviet Union, 1961-1966. Denver, University of Denver, [1967?]. 54 p. 28 cm. (Social Science Foundation and Graduate School of International Studies, University of Denver. Monograph no. 44).
JN659H .K55E5 1967 68-1559
- BILLINGTON, JAMES H.
The icon and the axe: an interpretive history of Russian culture [by] James H. Billington. [by] J. H. Weidenfeld & Nicolson, [1966?]. xviii, 700, xxviii p. 16 plates (22 illus.), (incl. ports.), map. 21 cm.
DK32 .7 .B5 1966 67-17252
- BLINKOV, SAMUIL MIKHAILOVICH.
The human brain in figures and tables, a quantitative handbook [by] Samuil M. Blinkov, and Il'ya I. G. zer. Translated from the Russian by David H. Lindsley. [New York] Basic Books, 1968. xxviii, 182 p. 24 cm. Translation of *Mozg cheloveka v tsifry i tablitsakh*.
QM456 .B5373 68-1450
- BOGACHEV, I. N.
Cavitational erosion and means for its prevention. (Povysheniye kavitatsionno-eroditsionnoi ustoychivosti mashin) [by] I. N. Bogachev and R. I. Mikhlin. Translated from the Russian [by] A. Wald. Edited by T. E. L. Lindsley. [New York] Basic Books, 1968. xxviii, 182 p. 24 cm. Translation of *Mozg cheloveka v tsifry i tablitsakh*.
QA456 .B5373 68-1450
- BOHDANIUK, VOLODYMYR.
The real face of Russia, essays and articles, by Volodymyr Bohdaniuk. London, Ukrainian Information Service, 1967. 270 p. 24 cm.
DK268 .3 .B03 68-1017
- BOR, MIKHAIL ZAKHAROVICH.
Aims and methods of Soviet planning, by Mikhail Bor; with introductory note by Maurice Dobbs, translated [from the Russian] by Maxim Korotchenko and others. London, Lawrence & Wishart, 1967. 223 p. 22 1/2 cm.
HC336 .23 .B023 67-11301
- BORISENKO, ALEKSANDR IVANOVICH.
Vector and tensor analysis with applications [by] A. I. Borisenko [and] I. E. Tarapov. Translated and edited by Richard A. Silverman. Rev. English ed. Englewood Cliffs, N.J., Prentice-Hall [1964?]. x, 257 p. 24 cm. Translation of *Vektornyi analiz i nachala tenzornogo ischisleniya*.
QA201 .D55 .I3 1968 68-12506
- BULGAKOV, MIKHAIL AFANAS'EVICH, 1891-1910.
The Master and Margarita [by] Mikhail Bulgakov. Translated from the Russian by Michael Glenny. London, Collins; Harvill P. [1967?]. 3-445 p. 21 1/2 cm.
PZ3 .B869Ma3 68-75601
- BULGAKOV, MIKHAIL AFANAS'EVICH, 1891-1910.
The master and Margarita [by] Mikhail Bulgakov. Translated from the Russian by Michael Glenny. [1st U.S. ed.] New York, Harper & Row [1967?]. vi, 374 p. 22 cm. First appeared in Russian in the magazine *Vesny* in late 1966 and early 1967.
PZ3 .B869Mas2 67-22693
- BUTLER, WILLIAM ELLIOTT, 1939-
The law of Soviet territorial waters, a case study of maritime legislation and practice [by] William F. Butler. New York, Praeger [1967?]. xvi, 192 p. 25 cm. (Praeger special studies in international economics and development).
Law 68-12380

- CASH, ANTHONY, 1933-
The Russian Revolution London, Benn, 1967
128 p illus (incl. ports.), maps, facsim. 25 1/4 cm.
(Twentieth-century histories)
DK265 C387 67-109879
- CHEBOTAREV, GLEB ALEKSANDROVICH
Analytical and numerical methods of celestial mechanics, by G. A. Chebotarev. Translated by Scripta Technica, Inc. Translation editor: Ludwig Oster New York, American Elsevier Pub. Co., 1967 xviii, 331 p 24 cm (Modern analytic and computational methods in science and mathematics, 9) Translation of *Analiticheskie i chislennye metody nebesnoi mekhaniki*.
QB351 C5713 66-23936
- CHEKHOV, ANTON PAVLOVICH, 1860-1904
Shadows and light, nine stories by Anton Chekhov. Selected and translated by Miriam Morton. Illustrated by Ann Grifalconi [1st ed.] Garden City, N. Y., Doubleday [1968] 122 p 24 cm
PZ3 C3985Sgp 68-11575
- CHERNOV, LEV ALEKSANDROVICH.
Wave propagation in a random medium, by Lev A. Chernov. Translated from the Russian by R. A. Silverman. New York, Dover Publications [1967] c1960 viii, 168 p, 26 cm Translation of *Rasprostraneniye voln v srede so sluchainymi neodnorodnostyami*.
QC231 C453 1967 67-26483
- CHERNOV, VLADIMIR.
Splendors of Moscow and its surroundings Text by Vladimir Chernov and Marcel Girard. Introd. by Marcel Girard. Translated by James Hogarth. Photos by Gérard Bertin. Cleveland, World Pub. Co. [1967] 215 p 266 illus. (part col., incl. facsim. ports.) 34 cm
N6997 M7C45 67-24482
- CHERNOV, VLADIMIR
Splendors of Moscow and its surroundings [by] Vladimir Chernov and Marcel Girard, translated [from the French] by James Hogarth; photographs by Gérard Bertin. London, Thames & Hudson [1967] 215 p. 34 cm
N6997 M7C45 1967 68-70376
- CHESTER, LEWIS.
The Zinoviev letter [by] Lewis Chester, Stephen Fay, Hugo Young. London, Heinemann, 1967 xix, 219 p. 22 1/2 cm
DA576 C44 67-114887
- CHUIKOV, VASILII IVANOVICH, 1900-
The end of the Third Reich [by] Vasilii I. Chuikov, translated from the Russian by Ruth Kisch, introduction by Alistair Horne. London, MacGibbon & Kee, 1967. 261 p. 22 1/2 cm. Translation of *Konets Tret'ego Reicha*.
D754 C483713 67-112022
- CLARDY, JESSE V.
G. R. Delzavain. A political biography. By Jesse V. Clardy. The Hague, Paris, Mouton, 1967. 228 p 24 cm. (Studies in European history, 14)
PG3312 Z5C5 67-110833
- COLUMBIA BROADCASTING SYSTEM, INC. CBS News, Lenin and Trotsky, by the staff of CBS News, Project editor, William E. Shapiro. New York, F. Watts [1967]. 66 p. illus., ports. 23 cm. (The Twentieth century)
DK265 .17. C64 67-25100
- COMPLEX COMPOUNDS OF TRANSURANIDES [by] A. D. Gel'man [and others] Translated from Russian, by J. Schmorak. Jerusalem, Israel Program for Scientific Translations, 1967 viii, 152 p. 25 cm. Translation of *Kompleksnye soedineniia transuranovykh elementov*.
QD172 T7K613 1967 68-938
- CONFERENCE ON CONTROVERSIES IN AMERICAN SOCIETY, 5th, Pennsylvania State University, 1969
The triangle of power, conflict, and accommodation: the United States, the Soviet Union [and] Communist China; papers. Edited by Jan S. Pybyla. [University Park] Center for Continuing Liberal Education, Slavic and Soviet Language and Area Center, Pennsylvania State University, 1967. xi, 101 p. 29 cm.
DB47 C6 1966 67-64843
- CONFERENCE ON THE RUSSIAN REVOLUTION, Harvard University, 1967. Revolutionary Russia [by] Oskar Anweiler [and others] Edited by Richard Pipes. Cambridge, Mass., Harvard University Press, 1968. x, 365 p. 25 cm. (Russian Research Center studies, 55)
DK265 A135 1967aa 68-15641
- CONOLLY, VIOLET
Beyond the Urals: economic developments in Soviet Asia. London, New York [etc.] Oxford U. P., 1967 xx, 420 p. 14 plates (incl. ports.), maps, tables. 22 1/2 cm.
HC487 S5C6 67-111116
- CONQUEST, ROBERT.
Industrial workers in the U. S. S. R., edited by Robert Conquest. London, Sydney [etc.] Bodley Head, 1967 204 p. 22 1/2 cm. (U.S. Soviet studies series)
HD3526 S C6 67-104147
- CONQUEST, ROBERT.
Industrial workers in the U. S. S. R. New York, Praeger [1967] 203 p. 23 cm. (The Contemporary Soviet Union series: institutions and policies) Praeger publications in Russian history and world communism, no. 196.
HD3526 S. C6 1967b 67-27315
- CONQUEST, ROBERT.
The politics of ideas in the U. S. S. R., edited by Robert Conquest. London, Sydney [etc.] Bodley Head, 1967 176 p. 22 1/2 cm. (U.S. Soviet studies series).
DK276 C6 67-109344
- CONQUEST, ROBERT.
Soviet nationalities policy in practice, edited by Robert Conquest. New York, Praeger [1967]. 180 p. 23 cm. (Contemporary Soviet Union series: institutions and policies) Praeger publications in Russian history and world communism, no. 199
JN6520 M3C63 1967 67-26180
- CONTRIBUTIONS TO LONG-RANGE WEATHER FORECASTING IN THE ARCTIC Edited by A. A. Giss and L. A. Dydin. (Sbornik statei po voprosam dolgo-srochnykh prognozov pogody dlya Arktiki) Translated from Russian [by IPST Staff] Jerusalem, Israel Program for Scientific Translations 1966. iv, 240 p 24 cm
QC997 S313 68-60303
- CURZON, GEORGE NATHANIEL CURZON, 1st marquess, 1859-1925
Russia in central Asia in 1880 and the Anglo-Russian question. New York, Barnes & Noble [1967] xxiii, 447 p. 23 cm
D378 C08 1967b 68-572
- CZYROWSKI, NICHOLAS L.
An introduction to Russian history, by Nicholas L. Fr. Chitovsky. London, Vision P., 1967. xv, 220 p. 22 cm.
DK40 C99 1967b 68-76822
- DAMASKIN, BORIS BORISOVICH.
The principles of current methods for the study of electrochemical reactions [by] Boris B. Damaskin. Prepared by Scripta Technica Inc. Translator and editor of the English ed.: Glob Mamantov. New York, McGraw-Hill [1967] xvi, 112 p. 21 cm. Translation of *Printsipy sovremennykh metodov izucheniia elektrokhimicheskikh reaktsii*.
QD353 D1513 67-10308
- DEMBO, L. S.
Nabokov: the man and his work; studies edited by L. S. Dembo. Madison, University of Wisconsin Press, 1967. x, 280 p. 23 cm.
PS3527 A15262 67-26025
- DESCARGUES, PIERRE.
The Hermitage; translated from the French by Katharine Delavanay. Rev. ed. London, Thames & Hudson, 1967. 320 p. 22 cm Translation of *Le Musée de l'Ermitage*.
N3350 D113 68-75410
- DEUTSCHER, ISAAC, 1907-1967
Deutscher on the Chinese cultural revolution: [interview conducted by Ernest Tate]. London, Bertrand Russell Peace Foundation, 1967 [1], 15 p. 22 cm.
DS777 .55. D47 68-80422
- DINABURG, MAK SLOMONOVICH.
Photosensitive diazo compounds and their uses [by] M. S. Dinaburg; translated from the Russian by F. Lachman, edited by D. J. Fry, E. A. Suthers and others. London, New York, Focal P., 1967. 240 p. 25 cm. Translation of *Svetochuvствitel'nye diazosoedineniia i ikh primeneniia*.
TP248 N8D613 68-78636
- DOBRIANSKY, LEV E.
The vulnerable Russians, by Lev E. Dobriansky. Introd. by Edward J. Dowinski. New York, Pageant Press [1967] 454 p. 21 cm
DK265 .3. D6 67-30507
- DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881.
The notebooks for The Idiot [by] Fyodor Dostoevsky. Edited and with an introd. by Edward Wasiolek. Translated by Katharine Sirotsky. Chicago, University of Chicago Press [1967]. 254 p. facsim. 24 cm. Translation of *Lz arkhiva F. M. Dostoevskogo: Idiot, neizdannye materialy*.
PG3325 T3313 67-25513
- DUKES, Sir PAUL, 1880-
Catherine the Great and the Russian nobility, a study based on the materials of the Legislative Commission of 1787. London, Cambridge U. P., 1967. xi, 260 p. 24 cm
DK172 D34 67-13802
- EARL, ALAN.
The story of Russia. London, University of London P. [1967] 128 p. 12 plates (incl. ports.), maps. 20 cm
DK41 E24 67-108484
- EZHIOV, A. I.
Organisation of statistics in the U. S. S. R. [by] A. Yezhov. [Translated from the Russian. Edited by R. Silverman] Moscow, Progress Publishers [1967] 271 p. 21 cm.
HA37 R55E87 68-993
- FABELINSKII, IMMANUIL LAZAREVICH.
Molecular scattering of light, by Immanuel L. Fabelinskii. Translated from Russian, by Robert T. Beyor. New York, Plenum Press, 1968. xxvii, 622 p. 24 cm.
QC431 F213 67-10534
- FADEEV, ALEKSANDR ALEKSANDROVICH, 1901-1956
The rout, a novel, by A. Fadeyev. [Translated from the Russian by O. Gorchakov] Moscow, Foreign Language Pub. House [1956] 207 p. 20 cm Translation of *Razgrom*.
PZ3 F12R6 67-118853
- FAUSSET, HUGH PANSON, 1895-
Tolstoy, the inner drama. New York, Russell & Russell [1968] 320 p. 21 cm
PG3385 F3 1968 68-11327
- FAVOROV, P. A.
English-Russian shipbuilding dictionary. Anglo-russkii korablasti otloznyi slovar'. Sostavitel' P. A. Favorov. Moskva, Voenizd-vo, 1967. 747 p. 21 cm V24 F20 67-125220
- FEDOROV, I.
Athen forging unity [by] I. Fedorov. [Moscow] Novosti Press Agency Pub. House [1966 or 6] 55 p. 17 cm
DT30 F38 68-39797
- FETWEL, GEORGE R.
The Soviet quest for economic efficiency: issues, controversies, and reforms [by] George R. Fetwel. New York, Praeger [1967] xx, 420 p. illus. 25 cm. (Praeger special studies in international economics and development)
HC335 .2 F4 67-22286
- FENNE, TONNIES, II 1607-1600.
Low German manual of spoken Russian, Pskov, 1607. Edited by L. L. Hammerich [and others] Copenhagen, Royal Danish Academy of Sciences and Letters, commissioner E. Munksgaard. 22 cm.
Vol. 1. Facsimile copy, prefaced by R. Jakobson and E. van Schooneveld. 1961
PG2740 F4 68-72264
- FENNELL, JOHN LISTER ILLINGWORTH.
The emergence of Moscow, 1304-1359 [by] J. L. I. Fennell. Berkeley, University of California Press [1968]. 352 p. 23 cm.
DK90 F45 67-28980
- FESHCHENKO, STEPAN FEDOROVICH.
Asymptotic methods in the theory of linear differential equations, S. P. Feshchenko, N. I. Shkil', and L. D. Nikolenko. Translated by Scripta Technica. New York, American Elsevier Pub. Co., 1967. xvi, 270 p. 24 cm. (Modern analytic and computational methods in science and mathematics, 10) Translation of *Asimptoticheskie metody v teorii lineinykh differentsial'nykh uravnenii*.
QA372 F413 67-28446
- 50 YEARS OF SOVIET POWER [by] Leo Huberman [and others] New York, MR Press, 1967. 94 p. 23 cm.
DK265 B.1 F5 67-31345

- A FOUNDATION DICTIONARY OF RUSSIAN, 3000 high semantic frequency words illustrated with phrases and sentences, by B. G. Anpilogova [and others]. English translation by V. Kucity. New York, Dover Publications [1967]. 178 p. 22 cm.
PC2840 R83 1967 67-28632
- FRANCISCO, JACQUELYN.
Come along to Russia. Minneapolis, T. S. Denison [1967]. 218 p. 25 cm.
DK28.F67 67-20118
- GAIVORON, ARKADII ABRAMOVICH.
Odessa says welcome [by] A. A. Givoron. Translated by A. A. Dronin. 2d ed. rev. and enl. Odessa, Odessa Pub. House "Mayak," 1966. 177 p. 15 cm.
DK651 O2G33 1966 68-971
- GARDEN, EDWARD.
Balakirev, a critical study of his life and music. London, Faber, 1967. 3-352 p. 22 1/2 cm.
ML410.B175G4 1967b 68-70393/MN
- GARDEN, EDWARD.
Balakirev - a critical study of his life and music. New York, St. Martin's Press [1967]. 352 p. 23 cm.
ML410.B175G4 67-18825/MN
- GARDINER, SUNRAY CYTHIA.
German loanwords in Russian, 1550-1690, by S. C. Gardiner. Oxford, Published for the society by B. Blackwell, 1965. xx, 330 p. 22 cm. (Publications of the Philological Society, 21).
PG2747.G3 1965 68-747
- GEL'MAN, NINA SAMOILOVNA.
Respiration and phosphorylation of bacteria [by] N. S. Gel'man, Marina A. Lukyanova, and Dmitrii N. Ostrovskii. Translated from Russian. Translation editor: Clifford B. Pinchot. New York, Plenum Press, 1967. x, 238 p. illus. 24 cm. Translation of *Dykhatel'nyi apparat bakterii*.
QR84 G3513 66-26220
- GENIS, BORIS MIKHAILOVICH.
Cylindrical grinding practice [by] B. Ghonis, L. Dokto, [and] V. Tergan. Translated from the Russian by G. Isserlis. Moscow, Mir Publishers [1966]. 302 p. 21 cm. Translation of *Shlifovshchik na kugoloshilovnykh slankakh*.
TJ1280.G393 68-448
- GIUNTER, NIKOLAI MAKSIMOVICH, 1871-1941.
Potential theory, and its applications to basic problems of mathematical physics [by] N. M. Gunter. Translated by John R. Schulenberger. New York, Ungar [1968?], [1967]. xi, 338 p. 25 cm. Translation of *Teoriia potentsiala i ee primeneniye k osnovnym zadacham matematicheskoi fiziki*, a translation of *La théorie du potentiel et ses applications aux problèmes fondamentaux de la physique mathématique*.
QA825 G513 67-13616
- GOGOL', NIKOLAI VASIL'EVICH, 1809-1852.
Letters of Nikolai Gogol. Selected and edited by Carl R. Proffer. Translated by Carl R. Proffer. In collaboration with Vera Krivosheina. Ann Arbor, University of Michigan Press [1967]. vii, 247 p. port. 24 cm.
PG3335.A4P7 67-25343
- GOLDSTON, ROBERT C.
The soviets; a pictorial history of Communist Russia, by Robert Goldston. New York, Bantam Books [1967]. 252 p. 18 cm.
DK266 G65 67-31146
- GORKII, MAKSIM, 1868-1936.
Letters [by] Maxim Gorky. [Translated from the Russian by V. Dutt. Edited by P. Cockerell.] Moscow, Progress Publishers [1966]. 198 p. 21 cm.
PG3465 A38 1966 68-831
- GRAHAM, STEPHEN, 1884-
Tear of freedom, the life and reign of Alexander II. [Hamden, Conn.] Archon Books, 1968. xii, 324 p. 22 cm.
DK220.G7 1968 68-15345
- GRANIN, DANIIL ALEKSANDROVICH.
Into the storm, a novel [by] Daniil Granin. [Translated from the Russian by Robert Daglish.] Moscow, Progress Publishers [1965]. 340 p. 21 cm. Translation of *Idu na glazu*.
PZ4.G764 In 68-547
- HARRISON, W. M. A.
Expression of the passive voice [by] W. Harrison [and] Agreement of the verb-predicate with a collective subject [by] J. Mullen. Cambridge, University P., 1967. 50 p. 22 1/2 cm. (Studies in the modern Russian language, 4 and 5).
PG2025 S8 no 4-5 67-18314
- HENDLE, SAMUEL, 1909-
The U. S. S. R. after 50 years, promise and reality [by] Randolph L. Braham [and others]. Edited by Samuel Hendle and Randolph L. Braham. New York, Knopf [1967]. viii, 289 p. 21 cm.
DK266.A3H4 67-23580
- HERTZEN, ALEKSANDR IVANOVICH, 1812-1870.
The memoirs of Alexander Herzen, parts I and II. Translated from the Russian by J. D. Duff. New York, Russell & Russell [1967]. xvi, 384 p. 22 cm.
DK209.H4A325 66-27098
- HINGLEY, RONALD.
Chekhov: a biographical and critical study. Revised ed. London, Allen & Unwin, 1966. 256 p. 18 1/2 cm.
PG3458.H47 1966b 68-78671
- HOLIAT, ROMAN S.
Short history of the Ukrainian Free University. New York, Shevchenko Scientific Society [1964]. 32 p. illus. 23 cm. (Naukove tovarystvo im. Shevchenka v ZDA. Dopovid, ch. 21).
LF3191.M85H6 67-122205
- HOWES, ROBERT CRAIG, comp.
The testaments of the Grand Princes of Moscow. Translated and edited with commentary by Robert Craig Howes. Ithaca, N. Y., Cornell University Press [1967]. xvii, 445 p. 24 cm.
DK70.A2H6 67-12185
- HUDSON, JAMES A.
Svetlana Allibeyeva: flight to freedom, by James A. Hudson. [New York, Tower Publications, 1967]. 174 p. ports. 18 cm. (A Tower book).
DK275.A4H8 67-31973
- IAGLOM, I. M.
Complex numbers in geometry, by I. M. Yaglom. Translated by Eric J. F. Primrose. New York, Academic Press, 1968. xii, 243 p. 21 cm. Translation of *Kompleksnye chisla i ikh primeneniye v geometrii*.
QA255.I.213 66-20269
- IN ADDITION TO WAGES [Moscow, APN, 1966?]. 68 p. 16 cm.
HD7196.I5 68-38095
- INDUSTRY. [Moscow, APN, 1966?]. 68 p. 16 cm. (USSR: 1958, 1965, 1970).
HC336.I5 68-35435
- INSTITUTE ON UNITED STATES FOREIGN POLICY.
7th, University of Wisconsin, Milwaukee, 1963.
Focus on the Soviet challenge. Milwaukee, University of Wisconsin, Institute for World Affairs Education, 1963. ix, 33 p. 23 cm. (Global focus series, no 4).
E183.I8.R9 I5 1963 66-64843
- ISRAEL. *Misad ha-huts ha-lshkakh le-hasbarah*.
The USSR and Arab belligerency. Jerusalem, Information Division, Ministry for Foreign Affairs, 1967. 87 p. 24 cm.
DS119.I7.I8 HE 68-368
- IVAKHNEKO, A. G.
Cybernetics and forecasting techniques, by A. G. Ivakhnenko and V. G. Lapa. Translated by Scripta Technica, Inc. Translation editor: Robert M. McDonough. New York, American Elsevier Pub. Co., 1967. xxvii, 108 p. 24 cm. (Modern analytic and computational methods in science and mathematics, v. 8). Translation of *Kiberneticheskie predskazaniushchie ustoiystva*.
Q325.I613 67-27815
- JAWORSKYJ, MICHAEL.
Soviet political thought, an anthology, selected, translated, and edited by Michael Jaworskyj. Baltimore, Johns Hopkins Press [1967]. vii, 621 p. 24 cm.
JA84.R9J3 67-23573
- JORRÉ, GEORGES, 1890-1957.
The Soviet Union: the land and its people, with an introduction by A. Perpillou, translated from the French by E. D. Laborde. 3rd ed. revised by C. A. Hirsted. London, Longmans, 1967. xvi, 379 p. 22 1/2 cm.
DK17.J613 1967. 67-114408
- JUHÁSZ, LESLIE A.
Tolstoy's War and peace, by Leslie A. Juhasz. [New York, Barrister Pub. Co., 1966]. 137 p. 22 cm.
PG3365.V65J8 66-30291
- KARANDEEV, K. B.
Bridge and potentiometer methods of electrical measurements [by] K. Karandeev. Translated from the Russian by Boris Kuznetsov. Moscow, Peace Publishers [1966]. 266 p. 22 cm. Translation of *Spetsialnye metody elektricheskikh izmerenii*.
TK275.K3513 66-34213
- KAUN, ALEXANDER SAMUEL, 1889-1944.
Maxim Gorky and his Russia. [New York], B. E. [1966]. xx, 620 p. 24 cm. Reprint of the 1931 ed.
PG3465.K3 1968 67-1930
- KAUN, ALEXANDER SAMUEL, 1889-1944.
Soviet poets and poetry, by Alexander Kaun. Part 1. N. Y., Books for Libraries Press [1966]. vi, 208 p. 22 cm.
PG3056.K3 1968 68-14505
- KHRUSHCHEV, NIKITA SERGEEVICH, 1894-
40th anniversary of the Great October Socialist Revolution report to a joint session of the Supreme S. of the U. S. S. R., Moscow, November 6, 1957, by N. Khrushchev. [London, Soviet News] 1957. 35 p. 22 cm. (Soviet news booklet, no 19). Translation of *Sorok let Velikoi Oktjabr'skoi gositalisticheskoi revoliutsii*.
DK274.3 1957 K433 67-121074
- KMETZ, GAIL.
Dostoevskii's The brothers Karamazov. New York, Barrister Pub. Co. [1966]. 128 p. 22 cm.
PG3325.B73K6 66-30233
- KORNILOVICH, KIRA VIKTOROVNA.
Arts of Russia [by] Kira Kornilovich. Translated from the Russian by James Hogarth. Cleveland, World Pub. Co. [1967]. 35 cm.
Vol. 1. From the origins to the end of the 19th century.
N6981.K573 67-24463
- KOVALIUK, JEANETTE-YAROSLAVA.
Shevchenko and Pan-Slavic ideas. New York, Shevchenko Scientific Society, 1962. 12 p. 23 cm. (Naukove tovarystvo im. Shevchenka v ZDA. Dopovid, ch. 20). In English.
PG3046.S5Z6847 68-32631
- KRISS, ANATOLII EVSEEVICH.
Microbial population of oceans and seas [by] A. E. Kriss [and others], translated from the Russian [by] K. Syers, edited by Professor Gordo E. Fogg. London, Edward Arnold, 1967. ix, 287 p. 24 cm. Translation of *Mikrobnoe naseleniye mirovogo okeana*.
QR106.K7213 67-65502
- KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1939.
Lenin, Krupskaya, and libraries, edited by S. S. Sova. Translated by G. Peacock and Lucy Prescott. [Hamden, Conn.] Archon Books [1968]. 73 p. 23 cm.
Z619.A1K73 68-501
- KRUTOGOROV, IU.
Women of the Soviet village [by] Y. Krutogorov. [Moscow] Novosti Press Agency Pub. House [1967]. 72 p. 22 cm.
HQ1662.K77 68-40559
- KULIKOV, IVAN STEPANOVICH.
Thermal dissociation of chemical compounds [by] I. S. Kulikov. Translated from Russian, by J. Schurak. Jerusalem, Israel Program for Scientific Translations, 1967. viii, 108 p. 25 cm. Translation of *Termicheskaia dissotsiatsiia soedinenii*.
QD517.K613 66-991
- KUZNETSOV, ANATOLII PETROVICH.
Babi Yar: a documentary novel, by Anatoly Kuznetsov; translated by Jacob Guralsky, illustrations by S. Boudsky. London, MacGibbon & Kee, 1967. xiv, 399 p. 21 1/2 cm. Translation of *Babi Yar*.
PZ4.K985Bab3 68-71671
- LABEDZ, LEOPOLD.
On trial: the case of Sinyavsky (Tertz) and Daniel (Arzhak), documents edited by Leopold Labedz and Max Hayward; Russian texts translated by Marya Harari and Max Hayward, the French texts by Marjorie Villiers. London, Collins, Harvill P., 1967. 3-331 p. 22 cm. Trial before the Supreme Court of the R. S. F. S. R. held in Moscow Oblast Court in February 1966.
Law 67-111081
- LACHS, JOHN.
Marxist philosophy, a bibliographical guide. Chapel Hill, University of North Carolina Press [1967]. xiv, 166 p. 23 cm.
Z7128.D513 67-27158

- LaFEBER, WALTER**
America, Russia, and the cold war, 1945-1956
New York, Wiley [1967] xi, 295 p. maps 22 cm.
(America in crisis)
E183 B.R9L26 67-29014
- LANGER, WILLIAM LEONARD, 1898-**
The Franco-Russian Alliance, 1890-1894. New
York, Octagon Books, 1967 ix, 455 p. 24 cm (Har-
vard historical studies, v. 30)
D397.L3 1967 67-18772
- LAWRENCE, JOHN WALDEMAR, 1907-**
Soviet Russia [by] John Lawrence. London, Benn,
1967. 127 p illus (incl ports) maps, facsimis
23 1/2 cm. (Countries of today)
DK32 L36 67-110672
- LENIN, VLADIMIR IL'ICH, 1870-1924**
On the great October Socialist Revolution, articles
and speeches. Moscow, Progress Publishers, 1967.
414 p illus, ports 21 cm Translation of *O velikoi*
Oktyabr'skoi sotsialisticheskoi revoliutsii.
DK255.L5O2373 67-31887
- LENIN, VLADIMIR IL'ICH, 1870-1924**
Questions of the Socialist organization of the econo-
my; articles and speeches Moscow, Progress
Publishers [1964?] 403 p. port 21 cm
HC355 L2.L42 67-110210
- LENIN, VLADIMIR IL'ICH, 1870-1924**
Selected works New York, International Publish-
ers [1967] 3 v 21 cm. (New World paperbacks,
NW68-70)
Vol. 1 1897 to January 1917
Vol. 2 March 1917 to June 1918.
Vol. 3 July 1918 to March 1923.
DK254.L3A545 68-1178
- LENIN THE MAN, THE THEORIST, THE LEADER, a re-**
appraisal, editors Leonard Schapiro and Peter Red-
daway, assistant editor Paul Rosla London, Pall
Mall P. In association with the Hoover Institution on
War, Revolution and Peace, Stanford University, Cali-
fornia, 1967 x, 317 p. 22 1/2 cm
DK254 L4A153 1967b 68-74739
- LENIN THE MAN, THE THEORIST, THE LEADER, a re-**
appraisal Editors Leonard Schapiro and Peter Red-
daway. Assistant editor Paul Rosla. New York, F A
Praeger [1967] x, 317 p 23 cm (Hoover Institution
publications)
DK254 L4A153 67-20181
- LEONOV, LEONID MAKSIMOVICH, 1899-**
The Russian forest, a novel [by] Leonid Leonov
[Translated from the Russian by Donald Isaacs] Mos-
cow, Progress Publishers [1966]. 718 p 21 cm.
Translation of *Russkii les*
P23.L556Ru 68-1673
- LIUSTERNIK, LAZAR' ARONOVICH, 1869-**
The topology of the calculus of variations in the
large, by L. A. Lusternik. Providence, American
Mathematical Society, 1966. vii, 90 p. illus. 24 cm.
[Translation of mathematical monographs, v. 16]
Translation of *Topologiya funktsional'nykh pro-*
stranstv i variatsionnoe ischislenie v tselom.
QA316.L713 66-25288
- LIVES GIVEN TO FREEDOM, dedications to Communist**
fighters [Authors V. M. Goncharov and others. Edi-
tors I. V. Milovanov and L. N. Chernov. Translated by
R. F. Kostyuk and S. V. Rosenberg] Moscow, Nauka
Pub House, Dept of Oriental Literature, 1966. 622 p.
21 cm Translation of *Zhizni, Oldannai bor'bo*
HX23.Z4813 68-381
- LUNT, HORACE GRAY, 1918-**
Fundamentals of Russian; first Russian course [by]
Horace G. Lunt. Rev. ed. New York, W. W. Norton
[1967] xii, 402 p. 24 cm.
Pattern drills for introductory Russian,
especially designed to accompany Funda-
mentals of Russian, by Horace G. Lunt.
[By] Robert D. Sholiton and Joseph A
Van Campen, New York, W. W. Norton
[1967] vi, 90 p. 28 cm.
PG2112.L6 1968 66-11787
- MACKEY, THEODORE, 1918-**
Mazepa (1632-1700) in contemporary German
sources. New York, Shevchenko Scientific Society,
1959. 43 p. 28 cm. (Naukovo lovarystvo Im. Shev-
chenka v ZDA. Dopovidy, ch. 9)
DK508.B.M3M24 67-122983
- MAGUIRE, ROBERT A 1930-**
Red virgin soil. Soviet literature in the 1920's [by]
Robert A. Maguire. Princeton, N. J., Princeton Uni-
versity Press, 1968 xiv, 482 p 23 cm
PC3022 M3 67-12347
- MAKARENKO, HIS LIFE AND WORK, articles, talks,**
and reminiscences Moscow, Foreign Languages
Pub House [1963]. 279, [1] p illus., ports, 21 cm.
LB775 M3393 1963 67-109425
- MAKAROV, RODION RODINOVICH.**
Larvae of the shrimps and crabs of the West Kam-
chatkan Shelf and their distribution, by R. R. Makarov,
translated [from the Russian] by B. Haigh, edited by
A. L. Rice. Boston Spa (Yorks.), National Lending
Library for Science and Technology, 1967 [1] 199 p
28 cm. Translation of *Lichinki krabov, rakov-*
otshel'nikov i krabov zapadnokamchatskogo shel'fa i
ikh razmnozheniye.
QL444 D3M233 67-109366
- MAKAROVA, LIUBOV' GENNADIEVNA.**
The organic compounds of mercury. [By] L. G. Ma-
karova and A. N. Nesmeyanov. Translated from the
Russian by Scripta Technica, Inc. Amsterdam, North-
Holland Pub. Co., 1967 xii, 582 p. (Methods of ele-
mento-organic chemistry, v. 4) Translation of *Rtut'*
QD412.H6M333 67-29769
- MANRARA, LUIS V**
Betrayal opened the door to Russian missiles in
Red Cuba, by Luis V. Manrara [1st ed. Miami, Fla.,
Printed by Truth About Cuba Committee, 1966] 168 p.
23 cm
E841 M28 68-1800
- MARCHAM, A J**
Two world powers: the United States and Russia,
by A. J. Marcham, maps and diagrams by Lasz. Acs.
London, Weidenfeld & Nicolson, 1967. 128 p. (Twen-
tieth century history series) 18/-
E178.B.M33 67-112603
- MARTIN, CHARLES NOËL, 1923-**
Satellites into orbit, translated [from the French,
by T. Schoeters London, Toronto [etc.] Harrap,
1967 126 p 20 1/2 cm. Translation of *Les satellites*
artificiels
TL798.M3413 67-112069
- MASHKEVICH, VLADIMIR STETANOVICH.**
Laser kinetics, by V. S. Mashkevich. Translated
by Scripta Technica. Translation editor: S. Chomet.
New York, American Elsevier Pub. Co., 1967. viii,
261 p. 24 cm. Translation of *Osnovy kinetiki izlu-*
cheniya lazerov.
TK787L3.M313 67-27816
- MERSEREAU, JOHN, 1925-**
Baron Delvig's Northern flowers, 1825-1832; Hite-
ary almanac of the Pushkin Period, by John Merse-
reau Jr. Carbondale, Southern Illinois University
Press [1967]. viii, 267 p. 22 cm.
PG3201.S513M4 67-10722
- MIKHAILOV, ALEKSANDR ALEKSANDROVICH, 1888-**
A course in astrophysics and stellar astronomy
(Kurs astrofiziki i zvezdnoi astronomii) Volume 3:
Physics of the solar system [by] V. P. Vyazant'syn
(and others) Edited by A. A. Mikhailov. Translated
from Russian [by Z. Lerman] Jerusalem, Israel Pro-
gram for Scientific Translations, [available from the
U. S. Dept. of Commerce, Clearinghouse for Federal
Scientific and Technical Information, Springfield, Va.]
1966. v 398 p. 24 cm.
QB501.M5 67-67-87
- MIKHILIN, SOLOMON GRIGOR'EVICH, 1908-**
Approximate methods for solution of differential
and integral equations, by S. G. Mikhlin and K. L. Smo-
litskiy Translated by Scripta Technica. Translation
editor: Robert E. Kalaba. New York, American Else-
vier Pub. Co., 1967. xi, 303 p. illus. 24 cm. (Mod-
ern analytic and computational methods in science
and mathematics, 5) Translation of *Priblizhennyye*
metody resheniya differentsial'nykh i integral'nykh
uravnenii.
QA371.M5213 67-22421
- MOCHUL'SKII, KONSTANTIN VASIL'EVICH, 1892-1948.**
Dostoevsky: his life and work. Translated, with an
introd., by Michael A. Muthan. [Princeton, N. J.]
Princeton University Press, 1967. xxii, 687 p.
25 cm. Translation of *Dostoevskii: zhizn' i tvorche-*
stvo.
PG3328.M613 65-10833
- MYTH AND REALITY.** New York, Prolog Research and
Pub. Association, 1959. 75 p. 15 cm. (Social and po-
litical series, no 1)
HX44.M97 67-124064
- NAKASHIDZE, NIKO.**
The truth about A. B. N., Anti-Bolshevik Bloc of
Nations (A. B. N.). An answer to the provocations of
Moscow's fifth column in the West Munich, A. B. N.
Press and Information Bureau, 1960 62 p. 21 cm
DK272.5.N27 68-33797
- NEMIROVSKII, PAVEL EMMANUILOVICH**
Nuclear models [by] P. E. Nemirovskii Trans-
lated by S. Chomet London, E. & F. N. Spon, 1963
x, 372 p 22 cm Translation of *Sovremennyye modeli*
atomnogo yadra
Qc173.N3813 68-671
- NESMEYANOV, ALEKSANDR NIKOLAEVICH, 1899-**
The organic compounds of boron, aluminium, gal-
lium, indium and thallium, by A. N. Nesmeyanov and
R. A. Sokolik. Translated from the Russian by Scripta
Technica, Inc. Translation editor: Paul G. Stecher
Amsterdam, North-Holland Publishing Company, 1967.
xiii, 635 p 24 cm. (Methods of elemento-organic
chemistry, v. 1) Translation of *Bor, aluminium, gallii,*
indii, i tsvetn.
QD411.N413 1967B 67-108629
- NETTL, J. P.**
The Soviet achievement [by] J. P. Nettl [1st Amer-
ican ed. New York] Harcourt, Brace & World [1967].
288 p 21 cm
DK266.N47 1967b 68-10825
- OGDEN, DENNIS.**
Revolution, 1917-1967: Soviet power—a changing
world—the effect on Britain. London, Communist
Party of Great Britain, 1967 23 p. 22 cm
DK37.5.G7O35 67-112876
- OLEARIUS, ADAM, d. 1671**
The travels of Olearius in seventeenth-century Rus-
sia Translated and edited by Samuel H. Dunn. Stan-
ford, Calif., Stanford University Press, 1967 viii,
349 p. 24 cm.
DK22.O6133 67-26525
- OUTER SPACE AND MAN** Translated from the Rus-
sian, by Vladimir Talmy [Rev. from the 1964 ed.]
Moscow, Mi Publishers, 1967. 284 p 17 cm.
Translation of *Malen'kie rasskazy o bol'shom Kos-*
mose.
Q163.M253 1967. 68-974
- OVCHARENKO, FEDOR DANILOVICH**
Investigation of the physicochemical mechanics of
clay-mineral dispersions [by] F. D. Ovcharenko [and
others] P. A. Redindor, editor Translated from Rus-
sian by Z. Lerman Translation edited by R. Amols
Jerusalem, Israel Program for Scientific Transla-
tions, 1967. x, 146 p. 25 cm. Translation of *Issle-*
dovaniya v oblasti fiziko-khimicheskoi mekhaniki dis-
persii glinistykh mineralov.
TN871.2.O6513 68-60501
- PARES, Sir BERNARD, 1867-1940.**
Russia, between reform and revolution Edited and
with an introd. by Francis D. Randall New York,
Schocken Books [1962]. xvi, 425 p 21 cm
DK262.P26 1962b 68-38387
- PARRY, ALBERT, 1901-**
America learns Russian, a history of the teaching
of the Russian language in the United States [1st ed
Syracuse] Syracuse University Press [1967] viii,
205 p. 22 cm
PG2058.U8P3 67-27162
- PATH INTO THE UNKNOWN, the best of Soviet science**
fiction. Introd. by Judith Merril. New York, Delacoi-
te Press [1966] 191 p 21 cm
PZ1.P26 1966. 67-20896
- PECK, IRA.**
The Russian revolution New York, Scholastic
Book Services [1967] 126 p 20 cm.
DK265.I7.P4 68-1445
- PESHKOVA, VALENTINA MOISEEVNA, 1900-**
Analytical chemistry of nickel [by] V. M. Peshkova
and V. M. Savostina. Jerusalem, Israel Program for
Scientific Translations, 1967. xi, 178 p. 25 cm.
Translation of *Analiticheskaya khimiya nikelja*.
QD181.N6P43 68-00853
- PIATNITSKII, IGOR' VLADIMIROVICH.**
Analytical chemistry of cobalt [by] I. V. Pyatnitskii.
[Translated by N. Kaner. Edited by D. Slutskii] Je-
rusalem, Israel Program for Scientific Translations,
1966. xv, 224 p. 25 cm. Translation of *Analitiche-*
skaya khimiya kobalta.
QD181.C6P513 68-670

- PIOTROVSKII, BORIS BORISOVICH, 1908-**
Uartu, the Kingdom of Van and its art [by] B. B. Piotrovskii, translated from the Russian and edited by Peter S. Gelling. London, Evelyn, Adams & Mackay, 1967. viii, 111 p. 25 1/2 cm. Originally published as: *Izskusstvo Uraitu*. Leningrad, Izd Gos. Ermitazha, 1962.
N5899 V3P53 1967 67-111694
- PIOTROVSKII, BORIS BORISOVICH, 1908-**
Uartu, the Kingdom of Van and its art [by] B. B. Piotrovskii. Translated from the Russian and edited by Peter S. Gelling. New York, F. A. Praeger, [1967] viii, 111, [33] p. illus. (part col.), map (on lining paper), plans. 28 cm. Translation of *Izskusstvo Uraitu*.
N5899 V3P53 1967b 67-28724
- PLANTY-BONJOUR, GUY**
The categories of dialectical materialism. Contemporary Soviet ontology [Translated by T. J. Blakeley]. Dordrecht, D. Reidel, 1967. vi, 186 p. 22 cm. (Sovietica. Monographs of the Institute of East-European Studies. University of Fribourg/Switzerland). Translation of *Les catégories du matérialisme dialectique*.
B809 S P4813 68-70691
- POHANSKII, DMITRII STEPANOVICH**
Forty-eighth anniversary of the Great October Socialist Revolution, report by D. S. Polyansky at the anniversary meeting held in the Kremlin Palace of Congresses on November 6, 1955 [Moscow] Novosti Press Agency Pub. House [1966] 37 p. 17 cm. Translation of *Sotok vos'mnatsi godovshchiny Velikoi Oktabr'skoi sotsialisticheskoi revoliutsii*.
HC336 P59783 68-584
- POPESCU, JULIAN**
Let's visit the U.S.S.R. London, Burke, 1967. 96 p. 21 cm.
DK28 P07 68-75805
- POWER INDUSTRY** [Moscow, APN, 1966? 68] p. 16 cm.
HD9885 R8P6 68-38090
- PRODUCTION, ACCUMULATION, AND CONSUMPTION** [by] S. P. Pavushin [and others]. White Plains, N.Y., International Arts and Sciences Press [1967]. v, 174 p. 20 cm. Translation of *Proizvodstvo, nakoplenie, potrebienie*.
HD85 P783 66-23897
- PRYCHODKO, NICHOLAS, 1904-**
Sto my road to freedom, a novel. With a foreword by Igor Gouzenko. [1st ed.] New York, Vantage Press [1968] 356 p. 21 cm.
P23 P95545L 68-1925
- RABINOWITZ, ALEXANDER**
Prelude to revolution, the Petrograd Bolsheviks and the July 1917 uprising. Bloomington, Indiana University Press [1968] xi, 200 p. 22 cm.
DK265 S L1R3 68-10278
- RADLOV, VASILII VASIL'EVICH, 1837-1918.**
South-Siberian oral literature. Turkic texts [by] V. V. Radloff. With an introd. by Denis Sinor. Bloomington, Indiana University Press, vol. 1. 1967. 23 cm. (Indiana University publications Uralic and Altaic series, v. 79/1). Reproduction of the original, published in St. Petersburg, 1868-1907, under title: *Proben der Volksliteratur der türkischen Stämme*.
PL41 R32 66-64926
- RANDALL, FRANCIS BALLARD, 1931-**
N. G. Chernyshevskii, by Francis B. Randall. New York, Twayne Publishers [1967]. 178 p. 21 cm. (Twayne's world authors series, 22. Russia).
PG2947 C3R3 67-19353
- RECOLLECTIONS OF LENIN.** 2d rev. ed. Moscow, Foreign Languages Pub. House [1962]. 95 p. illus. 20 cm.
DK284 L42R4 1962 68-32230
- REED, RITCHIE H.**
Estimates and projections of the labor force and civilian employment in the U.S.S.R., 1950-1975, by Ritchie H. Reed. [Washington] U.S. Dept. of Commerce, Bureau of the Census, for sale by the Supt. of Docs., U.S. Govt. Print. Off., [1967] iv, 39 p. 28 cm. (International population reports. Series P-91, no. 15).
HA155 A28 no. 15 A 67-7311
- REUTOV, O. A.**
Theoretical principles of organic chemistry, by O. Reutov. Translated from the Russian by D. Aolony. Translation editor: D. Sobolev. Moscow, MIR, 1967. 701 p. illus. 22 cm. Translation of *Teoreticheskie problemy organicheskoi khimii*.
QD251 R4713 1967c 68-510
- ROOSA, RUTH AMENDE**
The Association of Industry and Trade, 1906-1914, an examination of the economic views of organized industrialists in pre-revolutionary Russia. [New York?] 1957. 699 p. 25 cm.
HC334 S. R6 68-1036
- ROTHKOPF, CAROL Z.**
Leo Tolstoy, by Carol Z. Rothkopf. New York, F. Watts [1967, c1959]. xi, 148 p. 22 cm.
PG3386 R6 68-10665
- RUSSIA (1923- U.S.S.R.) Constitution.**
Constitution (fundamental law) of the Union of Soviet Socialist Republics, as amended by the first session of the Seventh Supreme Soviet of the U.S.S.R., Moscow, Progress, 1967. 107 p. 17 cm. (Soviet legislation series). Translation of *Konstitutsiia (osnovnoi zakon) Sotuzu Sovetskikh Sotsialisticheskikh Respublik*.
Law 68-226
- RUSSIA (1923- U.S.S.R.) Laws, statutes, etc.**
Air law of the USSR. [Translated from the Russian by V. Vezey]. Moscow, Progress Publishers [1967] 83 p. 17 cm. Translation of *Vozdushnyi kodeks Sotuzu SSR*.
Law 68-387
- RUSSIA (1923- U.S.S.R.) Laws, statutes, etc.**
Budgetary powers of the U.S.S.R. and the Union Republics. Full text of the law passed by the Fifth Supreme Soviet of the U.S.S.R. on October 30, 1959. [Translated from the Russian]. Moscow, Progress Publishers [1967] 23 p. 17 cm.
Law 68-1406
- RUSSIA (1923- U.S.S.R.) Laws, statutes, etc.**
Customs law of the USSR. [Translated from the Russian by V. Vezey]. Moscow, Progress Publishers [1967] 46 p. 17 cm. Translation of *Tamozhennyi kodeks Sotuzu SSR*.
Law 68-386
- THE RUSSIAN REVOLUTION, essays, photographs, and excerpts from classic works about the men and the ideas that shaped the most significant revolution of the 20th century.** [New York], Distributed by Macmillan [1967], 253 p. illus., ports. 26 cm. (A CBS legacy book).
DK265 A145 67-31885
- SAAKOV, RAFAEL' RUBENOVICH**
Path open to all, an outline of the development of the Soviet Union's cultural relations with foreign countries [by] Rafael Saakov. [Moscow] Novosti Press Agency Pub. House [1966?]. 191 p. 17 cm.
DK266 S S2 68-36959
- SALISBURY, HARRISON EVANS, 1908-**
The Soviet Union, by Harrison E. Salisbury. [Chicago] Encyclopaedia Britannica Educational Corp. [1967]. 90 p. 23 cm. First ed. published in 1965 under title *Russia*.
DK206 S25 1967 68-393
- SARDESAL, S. G.**
India and the Russian Revolution, by S. G. Sardesai. [New Delhi, D. P. Sinha for Communist Party of India, 1967] 106 p. 23 cm. (Communist Party publication, 1967, no. 3).
DS480 A5 S284 S A 67-7772
- SCHAPIRO, LEONARD BERTRAM, 1903-**
Rationalism and nationalism in Russian nineteenth-century political thought, by Leonard Schapiro. New Haven, Yale University Press, 1967. viii, 173 p. 21 cm. (Yale Russian and East European studies, 4).
JA84 R8S353 67-24512
- SCHÜRMANN, ULRICH, writer on oriental rugs.**
Caucasian rugs: a detailed presentation of the art of carpet weaving in the various districts of the Caucasus during the 18th and 19th century, [translated by A. Grainger]. London, Allen & Unwin, Braunschweig, Klinkhardt & Biermann [1967] 359 p. 26 1/2 cm.
NK2809 C3S33 68-72594
- SCHULZE, FRED.**
Russia in perspective. New York, Hayden Book Co. [1967] viii, 211 p. illus., maps, ports. 25 cm. (Hayden series in social studies).
DK18 S34 67-21725
- SCHUMAN, FREDERICK LEWIS, 1904-**
Government in the Soviet Union [by] Frederick L. Schuman. 2d ed. New York, Crowell [1967] xii, 226 p. 21 cm. (Crowell comparative government series).
JN6531 S38 1967 67-27412
- SCIENCE & IDEOLOGY IN SOVIET SOCIETY** [by] Richard T. De George [and others]. Edited by Fischer. [1st ed.] New York, Atherton Press ix, 176 p. 23 cm.
AZ712 S3 67-27
- SENKEVITCH, ANATOLE.**
The evolution of the contemporary idiom, & architecture [Lubbock? Tex.] 1967. v, 97 28 cm.
NA1188 S4 68-443
- SERDIUKOV, YAKOV OSIPOVICH.**
Farewell Mother Russia. [1st ed.] New York, Vantage Press [1967] 232 p. 21 cm.
DK254 S388A3 67-683
- SERGIEV, IOANN IL'ICH, 1820-1901.**
Spiritual counsels of Father John of Kronstadt. Selected passages from My life in Christ, edited and introduced by W. Jardine Grisbrooke. London, Clarendon, 1967. xxiv, 242 p. 22 1/2 cm.
BV4839 R8S418 67-1132
- SETH, RONALD**
Lev Davidovich Trotsky the eternal rebel. London, Dobson, 1967. 181 p. 20 cm. (People of the past, no. 7).
DK254 T6843 68-7434
- SHALIAPIN, FEDOR IVANOVICH, 1873-1938.**
Chaliapin, an autobiography as told to Maxine Ky; with supplementary correspondence and notes translated from the Russian, compiled and edited by Nina Freud and James Hanley. New York, Stein Day [1967] 320 p. 24 cm. Translation of *Selected from Fedor Ivanovich Shaliapin*.
ML420 S53A2533 1967 67-25616
- SHETLER, STANWYN G.**
The Komarov Botanical Institute, 250 years of plant research [by] Stanwyn G. Shetler. Washington, Smithsonian Institution Press, 1967. xiv, 240 p. 24 cm. (Smithsonian publication 4887).
QK73 A55S45 67-27012
- SHEYCHENKO, TARAS HRYHOROVYCH, 1814-1851.**
Selections. Translated by John Weir. Toronto, The Ukrainian Canadian, 1961. 142 p. illus., fairs, ports. 21 cm.
PG3948 S5A6 1961 67-115214
- SHEYCHENKO, TARAS HRYHOROVYCH, 1814-1851.**
Song out of darkness, selected poems. Translated from the Ukrainian by Vera Rich, with pref. by P. Solter, a critical essay by W. K. Matthews. Introduction by V. Svoboda. London, Mito Press [1951] xxxii, 128 p. 22 cm. (His Works in English translation, poetry, v. 1, pt. 1).
PG3948 S5A27 67-114150
- SHEVERDINA, NATALIIA IVANOVNA**
The organic compounds of zinc and cadmium [by] N. I. Sheverdina and K. A. Kocheshkov. Translated from the Russian by Scripta Technica, Ltd. Amsterdam, North-Holland Pub. Co., 1967. x, 258 p. ill. 24 cm. (Methods of elemento-organic chemistry, v. 3). Translation of *TSink, kadmit*.
QD412 Z65513 67-20018
- SHIMONIAK, WASYL.**
The reforms of Peter Mohyla. Milwaukee, Marquette University, Slavic Institute, 1965. 23 p. 23 cm. (Marquette University Milwaukee Slavic Institute Papers, no. 20).
DK3 M295 no. 20 65-20519
- SIMMONS, ERNEST JOSEPH, 1903-**
Introduction to Tolstoy's writings by Ernest J. Simmons. Chicago, University of Chicago Press [1964] viii, 210 p. 21 cm.
PG3410 S5 67-30427
- SIMSOVA, SILVA**
Lenin, Kriuskaia and libraries, edited by S. Simsova, translated by G. Peacock and Lucy Prescott. London, Bingley, 1968. 73 p. 23 cm.
Z819 S55 68-79875
- SINGH, HUKUM.**
Russia today; an interpretation of socioeconomic and political conditions in Russia of today. Jullundur, Punjab Publishers, 1967. xv, 93 p. 22 cm.
DK276 S49 S A 67-7343
- SINIYAVSKII, ANDREI DONAT'EVICH, 1925-**
Phantastische Geschichten. Samtliche Erzählungen [Von] Abram Terz. (Aus dem Russischen übersetzt von Eduard Suslik und Anna Moravec) Wien, Hamburg, Zsolnay, 1967. 350 p. 21 cm. Translation of *Fantasticheskie povesti*.
PG3476 S830F35 68-79028

- SITENKO, ALEKSEI GRIGOR'EVICH
Electromagnetic fluctuations in plasma [by] A. G. Sitenko. Translated by Morris D. Friedman. New York, Academic Press, 1967. xii, 256 p. 24 cm. QC718 S513 68-30103
- SIKLOCHA, PAUL
Unofficial art in the Soviet Union, by Paul Sjeklocha and Igor Mead. Berkeley, University of California Press, 1967. xv, 213 p. 27 cm. N8998 S52 67-28461
- SMIRNOV, B.
To know each other [By B. Smirnov. Moscow] Novosti Press Agency Pub. House [196-] 61 p. 15 cm. DK278 S55 68-1841
- SMOLIANSKII, VLADIMIR GRIGOR'EVICH
Soviet economic reform and its critics [by] V. Smoliansky. [Moscow] Novosti Press Agency Pub. House [1966?] 57 p. 17 cm. HC336.2 S566 68-1131
- SOROKIN, GENNADI MIKHAILOVICH
Planning in the U.S.S.R., problems of theory and organization [by] G. Sorokin. [Translated from the Russian by Don Danemanis. Edited by Nikita Brooshov.] Moscow, Progress Publishers, 1967. 335 p. 21 cm. Translation of *Planirovanie narodnogo khoziaistva SSSR*. HC336.2 S56913 68-1349
- SOROKIN, PITIRIM ALEKSANDROVICH, 1889-
The sociology of revolution, by Pitirim A. Sorokin. New York, H. Fertig, 1967. 428 p. 21 cm. Reprint of the 1925 ed. HM281 S8 1967 67-24598
- SOTHEBY, firm, auctioneers, London.
Catalogue principally of Diaghilev ballet material: costumes, costume designs and portraits, which will be sold at auction by Messrs. Sotheby & Co., London, Sotheby & Co., 1967. xx, 117 p. 25 cm. GV1765.D5865 68-78117
- THE SOVIET ECONOMIC REFORM; main features and aims. [Moscow] APN [1966?] 174 p. 22 cm. HC336.2 S586 68-338
- SPENCE, GORDON WILLIAM
Tolstoy the ascetic [by] G. W. Spence. Edinburgh, London, Oliver & Boyd, 1967. xiii, 154 p. 23 cm. (Biography and criticism, 8) PG3415 R457 68-79084
- SPENCE, GORDON WILLIAM
Tolstoy the ascetic [by] G. W. Spence. New York, Barnes & Noble [1968, 1967] xiii, 154 p. 22 cm. (Biography and criticism, 8) PG3415 R457 1968 68-2049
- STANISLAVSKI, KONSTANTIN SERGEEVICH, 1863-1836.
Stanislavsky on the art of the stage, translated with an introductory essay on Stanislavsky's system by David Magarshack. [2nd ed. reprint] London, Faber, 1967. 7, 311 p. 20 cm. Translation of *Bosedy v studii Bol'shogo teatra v 1918-1922 gg.* PN2051.S7133 1967 67-112080
- STEANE, LEONARD.
Glazounov: an assessment of the value of Glazounov's orchestral music, with tributes from various sources. Coventry, L. Steane, 1967. [15] p. 21 1/2 cm. ML410.G459 68-79702/MN
- STEINER, GEORGE, 1920-
Tolstoy or Dostoevsky. Harmondsworth (Mdx.), Penguin, 1967. 332 p. 20 cm. (Peregrine books Y67) PG3410.S8 1967 67-11169
- STEPANOV, ANDREI ALEKSANDROVICH.
Soviet Far East; a tour of Khabarovsk territory [by] A. Stepanov. Moscow, Progress Publishers, 1966. 31 p., 17 cm. Translation of *Pogorodam Khabarovskogo kraia*. DK771.K45S763 68-79901
- STEVENS, H. C.
Russian folk tales; translated and retold by H. C. Stevens illustrated by Alexander Lindberg. London, Hamlyn [1967] 4-140 p. 28 1/2 cm. GR160.S72 68-72969
- STOKKE, BAARD RICHARD.
Soviet and Eastern European trade and aid in Africa. New York, F. A. Praeger [1967]. xx, 326 p. 25 cm. HF3628.A457 67-26250
- STROYEN, WILLIAM B.
Communist Russia and the Russian Orthodox Church 1943-1962. Washington, Catholic University of America Press [1967]. x, 161 p. 24 cm. BR933.S73 67-28340
- TAN, CHESTER C.
The Boyer catastrophe, by Chester C. Tan. New York, Octagon Books, 1967. ix, 276 p. 24 cm. (Columbia studies in the social sciences, no. 583) H31.C7 no 583 1967 66-18057
- TARSIS, VALERII
The pleasure factory. Translated from the Russian by Michael Glenney. [1st American ed.] New York, John Day Co. [1968, 1967] 224 p. 21 cm. PZ4.T193P1 3 68-13911
- TATARSKII, VALER'IAN IL'ICH
Wave propagation in a turbulent medium, by V. I. Tatarskii. Translated from the Russian by R. A. Silverman. New York, Dover Publications [1967, 1961] xiv, 285 p. 26 cm. Translation of *Teoriia fluktuatsionnykh iavlenii*. QC157.T313 1967 67-20484
- TIGURIN, SERGEI PETROVICH
From Peter the Great to Lenin; a history of the Russian labour movement with special reference to trade unionism [by] S. P. Tigurin. New York, A. M. Kolloy, 1968. xii, 216 p. 23 cm. Reprint of the 1935 ed. HD6324.T5 1968 68-13720
- TOEWS, JOHN B.
Lost fatherland, the story of the Mennonite emigration from Soviet Russia, 1921-1927, by John B. Toews. Scottdale, Pa., Herald Press [1967] 262 p. 23 cm. (Studies in Anabaptist and Mennonite history, no. 12) BX8119.R8T6 67-23291
- TOLSTOI, LEV NIKOLAEVICH, graf, 1828-1910
Tolstoy on education. Translated from the Russian by Leo Wiener. With an introd. by Reginald D. Archambault. Chicago, University of Chicago Press [1967] xviii, 360 p. 21 cm. LB675.T6T63 67-25514
- TOWNSEND, CHARLES EDWARD, 1932-
Russian word-formation [by] Charles D. Townsend. New York, McGraw-Hill [1968] xviii, 270 p. 23 cm. PG2175.T6 68-11238
- TROTSKII, LEV, 1879-1910
The history of the Russian Revolution, by Leon Trotsky, translated from the Russian by Max Eastman. London, Sphere Books [1967] 3 v. 18 1/2 cm. Translation of *Russkii revoliutsiia*. DK205.T773 1967. 67-111463
- TROYAT, HENRI, 1911-
Tolstoy. Translated from the French by Nancy Amphoux. [1st ed.] Garden City, N.Y., Doubleday, 1967. vi, 782 p. 24 cm. PG3385.T8713 67-22472
- TURGENEV, IVAN SERGEEVICH, 1818-1883.
The torrents of spring [by] Ivan Turgenev; translated by David Magarshack, illustrated by Faith Jacques. London, Folio Society, 1967. 167 p. 22 cm. Translation of *Vesennie vody*. PZ3.T844T68 67-111700
- U.S. Library of Congress. Aerospace Technology Division.
Tracking of missiles and space vehicles [by] Stuart Hibben. Washington [1966]. iv, 85 l. 27 cm. (IE; ATD Report 66-140). "The material, taken from Soviet open literature available to the Aerospace Technology Division and the Library of Congress, covers the period from December 1965 through August 1966; in addition, articles dating back to June 1964." Z683.23 A2 no. 66-140 67-61341
- VAIDYANATH, R.
The formation of the Soviet Central Asian republics; a study in Soviet nationalities policy, 1917-1936, by R. Vaidyanath. [New Delhi] People's Pub. House [1967]. xii, 297 p. 22 cm. JQ1073 1967.V3 S A 68-001
- VAN DER POST, LAURENS.
A portrait of all the Russias; photographs by Durt Ginn. London, Hogarth, 1967. 175 p. 28 1/2 cm. DK28.V28 1967b 68-70509
- VASIL'EV, MIKHAIL VASIL'EVICH
Metals and man [by] M. Vasil'ev. Translated from the Russian by Boris Kuznetsov. Moscow, Mir Publishers, 1967. 283 p. 23 cm. Translation of *Metally i chelovek*. QD171.V313 68-1054
- VICKERY, WALTER N. 1921-
Pushkin: death of a poet [by] Walter N. Vickery. Bloomington, Indiana University Press [1968] 140 p. 22 cm. PG3350.V5.D1v5 68-10279
- VIETNAM AND THE SINO-SOVIET DISPUTE, edited by Robert A. Rupen and Robert Farrell. New York, Published for the Institute for the Study of the USSR [by] Praeger [1967]. 120 p. 25 cm. (Praeger publications in Russian history and world communism, no. 198) Studies presented at an international symposium at the Institute for the Study of the USSR in Munich in mid-1966. DS557.A6V413 67-16884
- VILENKIN, NAUM IAKOVLEVICH
Stories about sets [by] N. Ya. Vilenkin. Translated by Scripta Technica. New York, Academic Press [1968] xiii, 152 p. 21 cm. Translation of *Rasskazy o mnozhestvakh*. QA248.V513 68-30111
- VOLODARSKII, LEV MARKOVICH.
USSR, figures, facts, comparisons [by] Lev Volodarsky. Moscow, Novosti Press Agency Pub. House [1967?] 151 p. 17 cm. At head of title: USSR, 1917-1967. HC336.23 V63 68-464
- VOROB'EV, LEONID MIKHAILOVICH.
Spacecraft navigation. (Navigatsiia kosmicheskikh korabli) [by] L. M. Vorob'ev. Translated from Russian [by IPST staff]. Jerusalem, Israel Program for Scientific Translations, [available from the U.S. Dept. of Commerce, Clearinghouse for Federal Scientific and Technical Information, Springfield, Va.] 1960. vi, 150 p. illus. (part col.) 24 cm. (NASA TTF-344) TL567.U745 no 344 IE 67-73
- VSESOUZNOE KOORDINATSIONNOE SOVESHCANIE PO AKTIVATSIONNOMU ANALIZU, Ist., Tashkent, 1962.
Activation analysis, proceedings (Trudy) Edited by E. M. Lobanov. Translated from Russian [by Z. Lerman]. Jerusalem, Israel Program for Scientific Translations, 1966. v, 130 p. 25 cm. QD608.V823 1962 68-60818
- VSESOUZNOE SOVESHCANIE PO VOPROSAM ATMOSFERNOGO RASSEIANIA I POLARIZATSII SVETA, Alma-Ata, 1961.
Scattering and polarization of light in the atmosphere (Rassoyanie i polarizatsiya sveta v zemnol atmosfere); proceedings. Edited by V. G. Pesenkov. Translated from Russian [and edited by IPST staff]. Jerusalem, Israel Program for Scientific Translations; [available from the U.S. Dept. of Commerce, Clearinghouse for Federal Scientific and Technical Information, Springfield, Va.] 1965. iv, 227 p. 25 cm. Published for the U.S. Dept. of Commerce and the National Science Foundation, Washington. QCD73.V7613 IE 65-50
- VSESOUZNYI NAUCHNO-ISLEDOVATEL'SKII INSTITUT AGROLESOMELIORATSII.
Manual of afforestation and soil motivation. (Spravochnik agrolesomelioratsii) E. G. Korelska and D. N. Morozov, editors. 2d ed., enl. and rev. Translated from Russian [by A. Gouevitch]. Jerusalem, Israel Program for Scientific Translations, 1966. xii, 364 p. 24 cm. Translation of *Spravochnik agrolesomelioratsii*. SD406.V8513 1966 IE 67-12
- WEIDLÉ, WLADIMIR, 1895-
Russia: absent and present. Translated by A. Gordon Smith. With an introd. by Richard Hare. New York, Vintage Books [1961] xvi, 173 p. 19 cm. (Vintage Russian Library, V729) Translation of *La Russie absente et presente*. DK32.W333 1961. 67-66228
- WHITING, ALLEN SUESS, 1926-
Soviet policies in China, 1917-1924, by Allen S. Whiting. Stanford, Calif., Stanford University Press [1968]. viii, 350 p. 24 cm. DS740.5.R8W5 1968 68-12335
- WITTE, SERGEI IUL'EVICH, graf, 1849-1916.
The memoirs of Count Witte. Translated from the original Russian manuscript and edited by Abraham Yarmolinsky. New York, H. Fertig, 1907 [1921]. xi, 445 p. 24 cm. Selections translated from *Vospominaniia*. DK264.W5A5 1967. 67-24601

- ERDMENGER, KLAUS, 1938-**
Das folgenschwere Missverständnis Bonn und die sowjetische Deutschlandpolitik 1949-1955 Freiburg i. Br., Rombach, 1967. 177 p. 23 cm. (Sozialwissenschaft in Theorie und Praxis)
DD257 25.E7 67-112925
- EREMENKO, ANDREI IVANOVICH**
Tage der Bewahrung [von] Andrei Iwanowitsch Jere-menko [ins Deutsche übertragen von Edwin Engelbrecht] Berlin, Deutscher Militärverlag, 1961
232 p. 21 cm. Translation of *Na zapadnom naryavle-nii*
D764 L6914 67-121781
- ESTIER, CLAUDE**
Nikita Seiguievitch Khrouchtchev Présentation, repères biographiques, choix de textes, bibliographie, illustrations [Paris] Seghers [1965] 191 p. 17 cm. (Les Destins politiques, 1)
DK275 K5E8 67-120693
- EYERMANN, KARL HEINZ**
Lufttransport Spiegelbild der Luftmacht, Berlin, Deutscher Militärverlag, 1967. 403 p. with illus., 24 cm.
TL526.R9E95 67-110739
- FERRO, MARC**
La Révolution russe de 1917 Paris, Flammarion, 1967 144 p. 17 cm. (Questions d'histoire, 1)
DK265 F467 68-78492
- FIKHTENGOL'TS, GRIGORII MIKHAILOVICH**
Differential- und Integralrechnung. Von G. M. Fichtenzholz [Übersetzung aus dem Russischen] Ludwig Bolt, unter Mitarbeit von Renate Helle und Gisela Kuschner. 2., berichtigte Aufl. Berlin, Deutscher Verlag der Wissenschaften, vol. 1, 1966 24 cm. (Hochschulbücher für Mathematik, Bd. 61) Translation of *Kurs differentsial'nogo i integral'nogo ischisleniia*.
QA393 F3952 68-71578
- FLECHTHEIM, OSSIP KURT, 1909-**
Bolschewismus 1917-1967 Von der Weltrevolution zum Sowjetimperium [von] Ossip K. Flechtheim Wien, Frankfurt, Zurich, Europa Verlag, 1967. 255 p. 21 cm.
DK266 F53 68-71241
- FLINT, VLADIMIR EVGENEVICH**
Die Zweighamster der palarktischen Fauna. Von W. E. Flint [Aus dem Russischen übers. von Günther Peters.] Mit 65 Abbildungen. Wittenberg/Lutherstadt, Ziemsen, 1966 99 p. 21 cm. (Die Neue Brehm-Bücherei, 366) Translation of *Khronichski palearkticheskoi fauny*
QL737 R6F485 68-81170
- GAJZAGÓ, OLIVÉR VON**
Der sowjetische Außenhandel mit den kommunistischen Ländern. Berlin, Deutscher und Humboldt, 1962. 118 p. 24 cm. (Deutsches Institut für Wirtschaftsforschung, Sonderhefte, n.F., Nr. 60 Reihe A: Forschung)
HB41.B4 n.F., Nr. 60 67-112183
- GARDER, MICHEL**
Die Agonie des Sowjetregimes. (Aus dem Französischen übers. von Harald Hahmann.) Frankfurt/M., Berlin, Ullstein, 1966. 153 p. 18 cm. (Ullstein Buch, Nr. 620) Translation of *L'agonie du régime en Russie soviétique*.
DK274.G315 68-73078
- GAUCHER, ROLAND**
L'Opposition en U.R.S.S., 1917-1967. Paris, A Michel, 1967 431 p. 21 cm.
DK266 G 334 68-79783
- GOGOL', NIKOLAI VASIL'EVICH, 1809-1852**
Die toten Seelen [von] Nikolai Gogol. [Aus dem Russischen übertragen von Fred Ottow. Mit einem Nachwort von Dmitrii Tschizewskii.] München, Winkler-Verlag, [1965] 500 p. 21 cm. Translation of *Mortye dushy*.
PG3332.M4G56 68-78845
- DIE GOLDENE SCHALE AND ANDERE MÄRCHEN DER VÖLKER DER SOWJETUNION.** (Aus dem Russischen von H[il]de Eschwege und L. Labas. Illustrationen von V. Minajew) [Neuauf.] Moskau, Verlag Progress, 1966. 306 p. 23 cm. Translation of *Skazki narodov SSSR*.
GR190 S565 67-113920
- GONZÁLEZ RUIZ, NICOLÁS**
Mac-Tse, Jruschev; los hermanos enemigos. Barcelona, Editorial Cervantes, 1960. 152 p. 19 cm. (Colección "Vidas paralelas," no. 24)
DS727.G6 67-59181
- DIE GROSSE SOZIALISTISCHE OKTOBERREVOLUTION UND DEUTSCHLAND.** (Herausgeber: Deutsche Akademie der Wissenschaften zu Berlin, Sektion Geschichte. Herausgeberkollegium: Alfred Anderle u. a.) Berlin, Dietz, 1967 2 v. 22 cm.
DD120 R8G7 68-79230
- HABRASCHKA, PAUL, 1897-**
Meinen Tod will ich selber sterben! Erlebnisse als Internierter in der Sowjetunion Wolfenbüttel, Grenzland-Verlag, 1966 256 p. 19 cm.
DK276.H23 68-73033
- HAHLWEG, WERNER**
Der Diktatfrieden von Brest-Litowsk 1918 und die bolschewistische Weltrevolution Münster Westf., Aschendorff, 1960. 87 p. 21 cm. (Schriften der Gesellschaft zur Förderung der Westfälischen Wilhelms-Universität zu Münster, Heft 44)
D614.B6H13 67-118099
- HAHN, GERHARD, Dr.**
Investitionslenkung im sowjetischen Wirtschaftssystem. Eine Untersuchung der staatlichen Planung des Wirtschaftsprozesses. Stuttgart, G. Fischer, 1967. xlii, 243 p. 21 cm. (Schriften zum Vergleich von Wirtschaftsordnungen, Heft 11)
HC336 Z3 H3 68-72380
- HAMM, HARRY, comp.**
Das rote Schisma [von] Harry Hamm [und] Joseph Kun. Köln, Verlag Wissenschaft und Politik [1963] 287 p. 23 cm. (Aktuelle Studien, Bd. 2)
DK68 H C5H3 67-119031
- HARTL, HANS**
Fünfzig Jahre sowjetische Deutschlandpolitik Von Hans Hartl [und] Werner Marx Boppard a. Rh., Boldt, 1967 vi, 648 p. 25 cm.
DK675.G3H3 68-77410
- HUBNER, PETER**
Zur Lage der Schriftsteller in der sowjetischen Provinz. [Köln] Bundesinstitut für Ostwissenschaftliche und Internationale Studien, 1967 16 p. 29 cm. (Berichte des Bundesinstituts für Ostwissenschaftliche und Internationale Studien, Nr. 27)
HX15.G468 Hn. 27 6874136
- IAGLOM, I. M.**
Les Nombres complexes et leurs applications en géométrie, par I. M. Yaglom. Traduit par J. Mayer. Paris, Dunod, 1966 x, 191 p. illus. 22 cm.
QA255.I 211 67-110350
- IVASHIN, I. F.**
[40] e Vozizig Jahre Friedenspolitik der Sowjetunion, Vortragszyklus der Gesellschaft für Deutsch-Sowjetische Freundschaft. [Herausgeber: Gesellschaft für Deutsch-Sowjetische Freundschaft. Berlin, 1957 5 pts. in portfolio. 21 cm.
DK266.3 I 8 67-56389
- KAHN, JEAN FRANÇOIS**
Tout commence à Pétrograd ou les cent jours d'Alexandre Alexandrovitch Téliégine, [par] Jean François Kahn et Pierre Durand. [Paris,] A. Fayard, 1967. x, 381 p. 22 cm.
PQ2671.A35T6 68-73941
- KLUGE, ROLF-DIETER**
Westuropa und Russland im Weltbild Aleksandr Bloks Vorwort von Friedrich Wilhelm Neumann. München, Sagner, 1967 393 p. 21 cm. (Slavistische Beiträge, Bd. 27)
PG3463 B6Z687 1967 68-79700
- KÖRBER, KURT ADOLF**
Ein Untermnehmer reist durch die Sowjetunion Gesellschaftliche Entwicklung in der UdSSR: Erlebnis-se, Eindrücke, Perspektiven [von] Kurt A. Körber. Hamburg-Bergedorf, K. Körber, 1967. 29 p. with map. 21 cm.
DK28.K818 68-81128
- KOMISSARZHEVSKII, V.**
Les théâtres de Moscou [par] V. Komissarzhevskii. Moscou, Éditions en langues étrangères, 1959. 216 p. 29 cm. Added t.p. in Russian.
PN2726.M6K94 67-59215
- KOPP, ANATOLE**
Ville et révolution. Préface de I. Schein. Paris, Éditions Anthropos, 1957 280 p. 22 x 28 cm.
NA1188.K6 67-111625
- KOSTETSKI, IGOR' VIACHESLAVOVICH, 1913-**
Die Versuchung des nichtheiligen Anton oder Und es kommt der Abend. Moralität von einem Tag [von] Eghor G. Kostetzkij. (Vervielfältigtes Manuskript) Wien, Universal Edition 1967. 138 p. 14 x 20 cm.
PT2621.O845V4 67-113444
- KREIN, SELIM GRIGOR'EVICH**
Vorlesung zur Analysis, von S. G. Krein [und] W. N. Uschakov (Deutsche Übersetzung: V. Zeigler) Leipzig, Teubner, 1966 133 p. 24 cm. (Mathematik für technische Hochschulen, Bd. 1) Translation of *Matematicheski analiz elementarnykh funktsii*.
QA331 K 5 K714 67-106025
- KROKIMALIUK, IURII**
Guerra y libertad, historia de la División "Hochyna" (D. U. 1) del Ejército Nacional Ucranio (1943-1945) [por] Jorge Tys-Kojmaluk Buenos Aires, 1961 186 p. 21 cm. (Biblioteca del Instituto Informativo-Editorial Ucranio, n° 3)
D764.7.U5K7 67-117089
- KUCZYNSKI, JURGEN**
Das Land der hohen Zuversicht, eine Geschichte der Sowjetunion für Jugendliche, die auch Erwachsene lesen können Berlin, Verlag Kultur und Fortschritt [1949] 117 p. 21 cm.
DK266.K78 67-120380
- KUNSTLICHE ERDSATELLITEN** Übersetzung aus dem Russischen. [F. Bartels et al.] Deutsche Redaktion durch Hans Reichardt und E. A. Niekisch, unter Mitwirkung von J. Auth [et al.] Berlin, Akademie-Verlag, 1959. 357 p. 25 cm. (Forschritte der Physik, 2 Sonderbd.) Translation of articles from v. 63 (1957) and v. 64 (1958) of *Uspekhi fizicheskikh nauk*.
TL798 K755 68-73110
- KÜPPERS, BERNHARD**
Die Theorie vom Typischen in der Literatur. Ihre Ausprägung in der russischen Literaturkritik und in der sowjetischen Literaturwissenschaft. München, Sagner, 1966. 354 p. 21 cm. (Slavistische Beiträge, Bd. 23)
PN99.R9K8 1966 67-111543
- KUROSH, A. G.**
Algèbre générale [par] A. G. Kurosh Traduit par J.-P. Peaucerey, avec la participation de G. Lalloument. Paris, Dunod, 1967 xii, 325 p. 25 cm. (Collection universitaire de mathématiques, 22) Translation of *Lektsii po obshchei algebre*.
QA155 K814 68-74502
- LARIONOV, MIKHAIL FEDOROVICH, 1881-1964**
Michel Larionov, Musée de Lyon, 1967. [Préface par François Daulte.] Lyon, Musée de Lyon, 1967. 30 p. 24 cm.
ND553.L17L9 67-112206
- LEVINSON, GEORGH IL'ICH**
Die Philippinen, gestern und heute [von] G. I. Levinson. (Von Verfassers autorisierte deutsche Ausg. Ins Deutsche übertragen von Willy Stelner) Deutsche Ausg. besorgt von Hans Piazza Mit 3 Karten Berlin, Akademie-Verlag, 1966 373 p. 22 cm. (Studien zur Geschichte Asiens, Afrikas und Lateinamerikas, Bd. 14/15) Based on the author's two separately published works. *Philippiny mezhdu Pervoi i Vtoi mirovymi voynami* und *Philippiny vchera i segodnja*.
DS866.5.L42 67-11034
- LEWIN, MOSHÉ**
Le Dernier combat de Léonine Paris, Les Éditions de Minuit, 1967 173 p. 22 cm. (Grands documents, 29)
DK266 L 45 68-79205
- LIST ARZUNIDE, GERMÁN, 1898-**
Pueblitos, romántico y realista. México [Instituto de Intercambio Cultural Mexicano Ruso] 1955. 47 p. 19 cm. (Colección Cultura, 3)
PG3350.Z8L53 67-115093
- LOGATTO, ETTORE, 1890-**
Histoire de la littérature russe des origines à nos jours. Traduit de l'italien par M. et A. -M. Cabrin [Paris-Bruges], Desclée De Brouwer, 1965. 923 p. 23 cm. Translation of *Storia della letteratura russa*.
PG2054.L614 68-71546
- LUKÁCS, GYÖRGY, 1895-**
Lenin. Studie über den Zusammenhang seiner Gedanken [von] Georg Lukács. Neuwied, Berlin, Luchterhand, 1967. 90 p. 19 cm.
HX312 L78 67-113777
- LUNACHARSKII, ANATOLII VASIL'EVICH, 1875-1933**
Die Revolution und die Kunst; Essays, Reden, Notizen. Ausgewählt und aus dem Russischen übers. von Franz Leschnitzer. Dresden, Verlag der Kunst [1962] 250 p. 19 cm. (Fundus-Bücher, 6)
HX521.L8 1962 67-57761
- MAIRE, GILBERT**
Raspoutine. Paris, les Éditions du Temps, 1966. 143 p. 20 cm.
DK254.R3M3 68-72842

- MAKARENKO, ANTON SEMENOVICH, 1889-1939
Conferencias sobre educación infantil. La Habana,
Impr. Nacional de Cuba, 1961. 143 p. 20 cm. Trans-
lation of *Lektsii o vospitanii detei*.
LC37 M22B 67-118051
- MARIE, JEAN JACQUES, comp.
Les Paroles qui ébranlèrent le monde, anthologie
bolchevique, 1917-1924. [Traduit du russe.] Paris,
Éditions du Seuil, 1967. 363 p. 20 cm.
DK265. A52198 68-72322
- MARKO, KURT
West und Ost (die untrennbare Zwei). Analyse
Köln, Bundesinstitut für Ostwissenschaftliche und Inter-
nationale Studien, 1967. 17 p. 29 cm. (Berichte des
Bundesinstituts für Ostwissenschaftliche und Interna-
tionale Studien, 55)
HX15.G468 Nr 55 68-77414
- MATEOSCO, MIRCEA
Le Droit maritime et le droit aérien de l'U. R. S. S.
à l'heure de la coexistence pacifique. Paris, A. Pe-
dono, 1967. 384 p. 23 cm.
Law 68-73399
- MEDIGER, WALTHER, 1915-
Mecklenburg, Russland und England-Hannover
1706-1721. Ein Beitrag zur Geschichte des Nord-
ischen Krieges. Hildesheim, Lax, 1967. 2 v. 24 cm.
(Quellen und Darstellungen zur Geschichte Nieder-
sachsens, Bd 70)
[Bd 1.] Textband
[Bd 2.] Anmerkungen, Quellen und Literatur,
Register.
DD491 H2Q4 Bd 70 68-71222
- MEHNERT, KLAUS, 1906-
Der Sowjetmensch. Versuch eines Portraits nach
13 Reisen in die Sowjetunion 1929-1939. (Bearb. und
eig. Neuausg.) [Reinbek b. Hamburg] Rowohlt,
Taschenbuch-Vorlag, 1967. 345 p. 19 cm. (Rororo-
Taschenbuch-Ausgabe, 6602, 6603, rororo Sachbu-
cher)
DK268 3 M45 1967 67-114568
- MÉRAY, TIBOR, 1924-
La Russie Moscou-Pékin. Traduit de l'allemand
par Christian Richard et Pierre Kammitzer. Paris,
R. Laffont, 1965. 384 p. 21 cm. Translation of *Pol-
tik ohne Gnade*.
DK68 7.C3M4 68-73446
- METTLER, ERIC ERNST, 1917-
Fahren in Chruschtschows Reich. Zürich, Buch-
verlag der Neuen Zürcher Zeitung, 1962. 113 p.
21 cm.
DK28.M47 67-59259
- MEYNIÉUX, ANDRÉ
La Littérature et le métier d'écrivain en Russie
avant Pouchkine. Paris, Librairie des Cinq conti-
nents, 1966. 133 p. 23 cm. (Cahiers d'études litté-
raires, 3. Série Études critiques)
PG3008 M40 67-101835
- MITROPOL'SKII, IURII ALEKSEEVICH.
Problèmes de la théorie asymptotique des oscilla-
tions non stationnaires, par Youri A. Mitropolski.
Traduit (du russe) par G. Carvalho. Paris, Gauthier-
Villars, 1958. 547 p. illus. 24 cm. (Monographies
internationales de mathématiques modernes, 7)
Translation of *Problemy asimptoticheskoi teorii ne-
statsionarnykh kolebaniy*.
QA833.M654 67-110609
- MOSCOW, INSTITUT MARKSIZMA-LENINIZMA.
Vladimir Lénine, vie et œuvre. [Auteurs: V. Pospo-
lov et al.] Moscou, Éditions du Progrès [1964 ?]
637 p. 22 cm.
DK254.L4M7424 67-57740
- MOUSKHÉLY, MICHEL, 1903-1964, comp.
L'URSS au seuil du communisme? Textes et analy-
ses présentés par Michel Mouskhély. Paris, Librairie
Dalloz, 1962. 285 p. 26 cm. Annales de la Faculté
de droit et des sciences politiques et économiques
de Strasbourg, 11
JN6598.K7M72 67-116129
- MÜLLER, KARL-HEINZ
Bibliographie der Fachworterbücher mit deutschen
und russischen Äquivalenten. [Von] Karl-Heinz Müller
Unter Mitarbeit von Rita U. Müller und Elena
Ternette. Hrsg. von der Deutschen Bucherei Leip-
zig, Verlag für Buch und Bibliothekswesen, 1966-
23 cm. (Sonderbibliographien der Deutschen Buche-
rei, 43-)
Bd 1. Naturwissenschaften, Landwirtschaften,
medizinische Wissenschaften
Z7004.D5M8 68-82903
- MULLER-MARKUS, SIEGFRIED
Der Aufstand des Denkens. Sowjetunion zwischen
Ideologie und Wirklichkeit. Düsseldorf, Wien, Econ-
Verlag, 1967. 416 p. 23 cm.
HN523 5 M8 68-80565
- OBERLÄNDER, ERWIN, 1937- comp.
Sovjetpatriotismus und Geschichte. Dokumentation
Köln, Verlag Wissenschaft und Politik, 1967. 255 p.
23 cm. (Dokumente zum Studium des Kommunismus,
Bd 4)
DK38 O2 68-70563
- OKUDZHAVA, BULAT SHALVOVICH, 1924-
Ausgewählte Gedichte [von] Bulat Okudzhava.
Übertragung aus dem Russischen Mary von Holbeck
[Frankfurt am Main] Possev-Verlag, 1965. 53 p.
20 cm.
PG3484.2 K8A93 68-75805
- OLIVIER, DANA.
Grandes heures des villes russes, variations sur
l'histoire de Russie, suivies d'un petit guide histo-
rique de Kiev, Vladimir, Moscou et Leningrad
Paris, Perrin, 1967. 315 p. 21 cm.
DK40 O45 67-114681
- PACINI SAVOJ, LEONE
Schiede russe, con una intrusione. Napoli, Edizioni
scientifiche Italiane [1959] 104 p. 23 cm.
PG3015 P3 67-59838
- PARIGI, INGRID.
Die Sowjetdeutschen, zwischen Moskau und Wortkau
[Gütersloh] S. Mohr [1965] 154 p. 21 cm.
DK511.K47P3 67-112473
- PASTERNAK, BORIS LEONIDOVICH, 1890-1960
L'an 1905 [le dix-neuf cent cinq, par] Boris
Pasternak. Traduit du russe et précédé d'une étude
par Benjamin Grigely. Paris, Néd [1958] 78 p.
22 cm. Translation of *Tysiachn deviat'sot piaty.*
PG3476.P271914 67-115672
- PASTERNAK, BORIS LEONIDOVICH, 1890-1960
Boris Pasternak in Selbstzeugnissen und Bilddoku-
menten. Dargestellt von Michel Aucouturier. (Über-
tragung des Textes aus dem Französischen, der Zita-
te aus dem Russischen, von Rolf Dietrich Kell. Die
Zeugnisse und die Bibliographie besorgte Helmut
Riege) Reinbek bei Hamburg, Rowohlt, 1965. 171 p.
19 cm. (Rowohlt's Monographien, 109) Translation of
Pasternak par lui-même.
PG3476.P272535 67-111384
- PAULIAT, PAUL
Dictionnaire russe-français, par P. Pauliat, Paris,
Larousse, 1967. xxvi, 480 p. 15 cm.
PG2415 F5P3 68-77893
- PLANK, RUDOLF, comp.
Abschied Übertragungen aus aller und neuer rus-
sischen Dichtung. 1925-1965. Karlsruhe, C. F. Mul-
ler, 1966. 80 p. 22 cm.
PG3237 G5P36 68-72772
- PORTISCH, HUGO, 1927-
So sah ich Sibirien. Wien, Kremayr & Scheriau,
1957. 343 p. 4 t. 24 cm.
DK756 P65 68-77868
- POTEKHIN, IVAN IZOSIMOVICH
L'Afrique regarde vers l'avenir [par] Ivan Poté-
khine. [Traduit du russe par N. Krivochéine sous la
réaction de S. Mouraviev] Moscou, Éditions de lit-
térature orientale, 1962. 87 p. 20 cm. Translation
of *Afrika smotrit v budushchee*.
DT31.P654 67-122428
- POZNER, VLADIMIR, 1905-
Mille et un jours. Paris, Julliard, 1967. 347 p.
21 cm.
DK28.P69 68-73348
- PUGLIONESI, CARMELO.
Russia segreta. Roma, G. Volpe [1966]. 171 p.
22 cm.
DK266 P77 67-59254
- 4 [i.e. QUATRE] POÈTES DE LA REVOLUTION. Traduit
par Gabriel Aroust. Paris, Éditions de Minuit, 1967.
138 p. 18 cm. At head of title: Blok, Essénine,
Makovsky, Pasternak.
PG3237 F5Q3 68-81194
- REHM, WALTHER, 1901-
Jean Paul, Dostojewski, eine Studie zur dichterli-
schen Gestaltung des Unglaubens. Göttingen, Vanden-
hoeck & Ruprecht [1932] 108 p. 21 cm. (Kleine Van-
denhoeck-Reihe, 149-156)
PT2456.Z4R4 67-115561
- RIBADENEIRA M., EDMUNDO
Mi encuentro con el hombre, un testimonio de la
URSS y China. Dibujos de Diógenes Pareja. Q.
México, 1962. 275 p. 21 cm.
DK276 R5 67-12261
- ROMENSKY, SERGE, 1930-
L'U. R. S. S. à 50 ans, les révisions des...
Paris, Éditions du Seuil, 1967. 233 p. 21 cm.
DK274 R6 68-75655
- RUDIE, STETANO
Harascio, Russia non inventata. Bari, Laterza
1951. 294 p. 21 cm. (Libri del tempo, 3)
D811.R82 67-12431
- RUGE, GERD
Gespräche in Moskau. Köln, Kleponheuer & W...
[1961]. 357 p. 21 cm.
DK276.R8 67-120432
- RUPP, JEAN, 1905-
Exploitations économiques. Monte-Carlo, Pica-
relly, 1967. 287 p. 20 cm.
BX8 2 R8 68-77623
- RUSSLAND UNTER HAMMER UND SICHEL. Die S...
union 1917-1967. Mit einer Einführung von Herr...
Pötzgen. Gütersloh, Bertelsmann Verlag, 1967.
210 p. of illus. with text. 26 cm.
DK28.R858 67-25533
- RYBAKOV, ANATOLII NAUMOVICH.
Sonnet in Sossanjki, Roman von Anatolij Rybakov.
[Deutsch von Hannelore Künne] München, J. Neumann
[1965] 179 p. 20 cm. Translation of *Leto v Sossanj-
kakh*.
PG3476.R87L45 68-32251
- RYBAKOV, BORIS ALEKSANDROVICH, 1908-
Les débuts de la Russie [par] Boris Rybakov. Tra-
duit du russe par Antoinette Mazzi. Moscou, Édi-
tions du Progrès [1966] 321 p. 18 cm. Translat-
ion of *Perwyeh veka russkoi istorii*.
DK71.R9314 67-120233
- SAGER, PETER.
Die Rolle der Wirtschaftspolitik und insbesondere
der Außenhandelsbeziehungen in der sowjetischen
Wirtschaft [von] Peter Sager. Warum ich gegen die
Öffnung bin [von] Richard Daetwiler. [Bern, S...
zerischer Aufklärungsdienst, 1962] 66 p. 16 cm.
HG3626 S25 68-70103
- SCHMIDT, JOSEF
Vom roten Oktober zur Diktatur des Apparats
München, E. Mannheimer [195-?] 63 p. 21 cm.
DK266 3.S30 68-70357
- SCHOLZ, CARL-HEINZ
Die Kasachische Sozialistische Sowjetrepublik
[Berlin] Gesellschaft für Deutsch-Sowjetische Freundschaft, Abt. Agitation, 1966. 46 p. 19 cm.
DK903.S3 68-80087
- SEMENTOV, VLADIMIR IOSIFOVICH
La Unión Soviética en 1905 [i.e. mil novocien-
sesenta y cinco. Traducción del ruso por A. Ush-
akov]. Moscú, Ediciones en Lenguas Extranjeras, 1960.
85 p. 20 cm.
HC336.2 S4218 67-122894
- SERGE, VICTOR, 1890-1947
Les Révolutionnaires. Les Hommes dans la révo-
lution. [Préface par Panafé Istrati.] Naissance de la
révolution. Ville conquise. S'il est minuit dans le
siècle. L'Affaire Touloué. Romans. [Paris,] Édi-
tions du Seuil, 1967. 960 p. 20 cm.
PQ2637.E49R4 68-70536
- SERGEI PROKOFJEW, Dokumente, Briefe, Erinnerun-
gen. Zusammenstellung, Anmerkungen und Einfüh-
gen S.I. Schifstein. Ins Deutsche übertragen von
Felix Loesch. Leipzig, Deutscher Verlag für Musik
[1965] 659 p. 25 cm. Translation of *S.S. Prokofiev,
materialy, dokumenty, vospominaniya*.
ML410.P865S25 68-77034/MV
- SHAKHNOVICH, MIKHAIL IOSIFOVICH.
Lenin und die Fragen des Atheismus [von] M.I.
Schachnowitsch. (Die Übersetzung besorgte die Ar-
beitsgemeinschaft "Mittel- und Osturopa in der Dip-
lomatic des Vatikans" der Deutschen Historikergesell-
schaft. Wissenschaftliche Bearbeitung: Holmut Wolf
und Hans-Joachim Seidowski.) Berlin, Dietz, 1966.
628 p. 22 cm. Translation of *Lenin i problemy ateiz-
ma*.
BL2747.3.S415 67-112761

- SHESTOV, LEV, 1866-1938.**
La philosophie de la tragédie, Dostolevsky et Nietzsche. Sur les confins de la vie, l'apothéose du déracinement [par] Léon Chestov. Traduits et précédés de Lecture de Chestov, par Boris de Schloezer [Paris,] Flammarion, 1966. 361 p. 21 cm. (His Oeuvres, t. 1) La Philosophie de la tragédie is a translation of Dostolevsky i Nietzsche
PG3328 Z6S5T4 67-111214
- SHKLOVSKI, VIKTOR BORISOVICH, 1893-**
Erinnerungen an Majakovskij [Von] Viktor Šklovskij. Aus dem Russischen übers. von Roger Reimai. Frankfurt a. M., Insel-Verlag, 1966. 230 p. 19 cm. Translation of O. Maiakovskom
PG3476 M31ZS55 68-77740
- SINOR, DENIS.**
Introduction à l'étude de l'Eurasie centrale. Wiesbaden, O. Harrassowitz, 1963. xxiv, 371 p. 25 cm. DS327, S5 67-58573
- SOLZHENITSYN, ALEKSANDR ISAEVICH, 1918-**
Den Oka-Fluss entlang. Fünfzehn Kurzgeschichten und eine Erzählung. [Frankfurt am Main] Possev-Verlag, 1965. 76, [3] p. 20 cm
PG3488.04A47 68-77739
- STOIANOVITCH, CONSTANTIN**
La philosophie du droit en U.R.S.S. (1917-1953) par K. Stoyanovitch. Paris, Librairie générale de droit et de jurisprudence, 1965. 281 p. 25 cm. Bibliothèque de philosophie du droit, v. 4)
Lw 67-116986
- TARAS ŠEVČENKO, 1814-1861, zum 150. Geburts- und 100. Todestag des ukrainischen Nationaldichters**
Hrsg. vom Seminar für Slavische und Baltische Philologie der Universität München, und der Ukrainischen Freien Universität München. München, O. Sagner, 1964. 91 p. 23 cm.
PG3946, S5Z559 68-74961
- TENDRIAKOV, VLADIMIR FEDOROVICH, 1923-**
Fondrières et autres nouvelles [par] Vladimir Tendriakov. Traduit du russe par Lily Denis. [Paris] Gallimard, 1967. 321 p. 20 cm.
PG3476 T4Z434 68-79995
- TESSON, F.**
Leçons de russe usuel et technique, par F. Tesson. . . Paris, Dunod, 1966. v, 342 p. 24 cm.
PG2129, F7T4 68-74501
- THERIAULT, YVES**
Séjour à Moscou. Montréal, Fides [1961] 191 p. 22 cm.
DK601 T. 2T45 67-50586
- TURGENEV, IVAN SERGEEVICH, 1818-1883**
Erste Liebe und andere Erzählungen. [Von] Ivan Tugenjew. Übertragung von Ottomar Schwechheimer und Walter Richter-Ruhlend. München, Goldmann [1967] 175 p. 18 cm. (Goldmanns gelbe Taschenbücher, Bd. 1862)
PG3423 A13 1967 68-74892
- TURGENEV, IVAN SERGEEVICH, 1818-1883.**
Väter und Söhne. [Von] Ivan Tugenjew. (Aus dem Russischen übers. von Harry Burck. Mit einem Nachwort von Klaus Dornacher.) Berlin, Weimar, Aufbau-Verlag, 1967. 255 p. 20 cm. Translation of Ottsy i deti
PG3423 O6B8 68-71822
- TYNIAŃOV, IURII NIKOLAEVICH, 1894-1913.**
Le lieutenant Kijé, précédé de Une majesté en cue et de L'adolescent-miracle [par] Iouri Tynianov. Traduit du russe par Lily Denis. [Paris] Gallimard [1966] 238 p. 21 cm. (Littératures soviétiques, 28)
PG3476 T8P64 67-121631
- USENKO, EVGENII TROFIMOVICH**
Sozialistische internationale Arbeitsteilung und ihre rechtliche Regelung. (Übers. von Manfred Kemper [u. a.] Redaktion der deutschen Ausg. Eva Eckstein.) Berlin, Staatsverlag der Deutschen Demokratischen Republik, 1966. 347 p. 25 cm. Translation of Formy regulirovaniia sotsialisticheskogo mezhnarodnogo razdeleniia truda.
Lw 67-118513
- VLASOV, KHRISANF VASIL'EVICH**
Das Fahren mit Kraftfahrzeugen unter schwierigen Bedingungen [von] Ch. W. Vlassow, I. E. Jovtjuchin [und] J. F. Seiebi jakow. [Übersetzung aus dem Russischen. Ingeborg Engel.] Berlin, Deutscher Militärverlag, 1961. 163 p. 18 cm. Translation of Vozhdenie avtomobilia v slozhnykh usloviakh
TL230 S. 3V5015 67-118052
- VOLGIN, VIACHESLAV PETROVICH, 1879-1962.**
Die Gesellschaftstheorien der französischen Aufklärung. [Von] W. P. Volgin. (Übersetzung aus dem Russischen von Brigitta Schröder. Bearbeitung von Winfried Schröder.) Berlin, Akademie-Verlag, 1965. ix, 345 p. 24 cm. (Schriften des Instituts für Romanische Sprachen und Kulturen, Bd. 2)
B1925, E5V615 67-111573
- WITTMANN, BERNHARD.**
Eindrücke vom sowjetischen Schulwesen. Essen, Neue Deutsche Schule Verlagsgesellschaft, 1966. 70 p. 21 cm.
LA831.0, W57 68-72351
- ZEITENWENDE** Die Oktoberrevolution im Spiegel der frühen sowjetischen Prosa (Jubiläumsausg. zum 50. Jahrestag der Oktoberrevolution. Hrsg. von Nyota Thun. Aus dem Russischen übers. Mit 16 Abbildungen.) Wien, Globus-Verlag [1967] 646 p. 22 cm.
PG3268 Z4 68-78202
- ZETKIN, KLARA, 1857-1933.**
Erinnerungen an Lenin. Mit einem Anhang aus dem Briefwechsel Clara Zetkins mit W. I. Lenin, und N. K. Kluskaia. [2. Aufl.] Berlin, Dietz, 1961. 113 p. 21 cm.
DK254 L4Z242 1961 67-110521
- ZSOLNAY, VILMOS, VON, 1934-**
Die Wissenschaft in Osteuropa. Sowjetunion, Polen, Ungarn, Tschechoslowakei, Rumänien. Mit einer Einführung von László Révész. Mainz, v. Harrassowitz, 1967. 230 p. 22 cm.
DR23. Z76 67-113766

GUIDE TO SERIALS LISTED IN THE *MONTHLY INDEX OF RUSSIAN ACCESSIONS*
VOLUME 20, APRIL 1967-MARCH 1968

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Agitator Gruzii 1964 v. 21, no. 21-22(2928a) 1966 v. 23, no. 21(44a) 1967 v. 24, no. 9(2553b)	Akademii nauk Armiyanskoi SSSR, Erivan. Laboratoriya agrokhimii Soobshcheniya 1961 no. 4(103c)	Akademii nauk Gruzinskoi SSR, Tiflis. Vychislitel'nyi tsentr Trudy 1962 v. 3(81b) 1966 v. 6-4(81b), 7(1613a)
Agrobiologiya 1960 no. 2(423c)	Akademii nauk Azerbaidzhanской SSR, Baku Doklady 1962 v. 18, no. 3(196b), 4(61b) 1963 v. 19, no. 2(61c) 1965 v. 21, no. 6(2167a) 1966 v. 22, no. 7(947b), 8(947c), 9(498c), 10(948a), 11(1779c), 12(1780a) 1967 v. 23, no. 1(2167a), 2(2562a), 3(3784c), 5(3520c), 6(3784c)	Akademii nauk Kazakhskoi SSR, Alma-Ata Izvestiya. Seriya biologicheskaya 1967 v. 5, no. 1(952b), 4(1522b), 5(3790a)
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Akademii kommunalnogo khozaistva Nauchnye trudy 1965 no. 38(2218a) 1966 no. 40(3555a)	Akademii nauk Azerbaidzhanской SSR, Baku Izvestiya. Seriya biologicheskikh nauk 1962 no. 1(1390b) 1966 no. 4(952a), 5(2566c), 6(2171b) 1967 no. 1(2945c), 2(3250c)	Akademii nauk Kazakhskoi SSR, Alma-Ata Izvestiya. Seriya geologicheskaya 1963 no. 6(59a), 8(3781b) 1966 v. 23, no. 5(50a), 6(3781b) 1967 v. 24, no. 1(3244b), 2(2550a), 3(2164c), 4(3519c)
Akademii meditsinskikh nauk SSSR, Moscow Vestnik 1960 v. 15, no. 12(88a) 1962 v. 17, no. 10(88a) 1967 v. 22, no. 1-2(972a), 3(972b), 4(1809b), 5(2195c), 6(2590b), 7(2590c), 8(2961b), 9(3809a), 10(3809b)	Akademii nauk Azerbaidzhanской SSR, Baku. Izvestiya. Seriya biologicheskikh i meditsinskikh nauk Akademii nauk Azerbaidzhanской SSR, Baku. Izvestiya. Seriya biologicheskikh nauk 1962 no. 5(463a) 1967 no. 1(2920), 2(3760)	Akademii nauk Kazakhskoi SSR, Alma-Ata Izvestiya. Seriya khimicheskaya 1967 v. 17, no. 2(1783c), 3(2019a), 4(3527a), 5(4130c)
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Akademii meditsinskikh nauk SSSR, Moscow. Institut polionitella i virusnykh entsifalitoz Trudy 1965 v. 6(972c)	Akademii nauk Azerbaidzhanской SSR, Baku Izvestiya. Seriya fiziko-matematicheskikh i tekhnicheskikh nauk 1962 no. 5(463a) 1967 no. 1(2920), 2(3760)	Akademii nauk Kazakhskoi SSR, Alma-Ata Izvestiya. Seriya obshchestvennykh nauk 1960 v. 4, no. 8(917a) 1967 v. 5, no. 1(917a), 2(2541a), 3-4(3760c), 5(3760a)
Akademii nauk Armiyanskoi SSSR, Erivan Doklady 1962 v. 35, no. 2(61b) 1967 v. 44, no. 1-2(3392a), 3(2166c), 4(2562a), 5(3764b)	Akademii nauk Azerbaidzhanской SSR, Baku Izvestiya. Seriya istorii, filosofii i prava 1966 no. 2(2130b), 3(463b), 4(2541a)	Akademii nauk Kazakhskoi SSR, Alma-Ata Vestnik 1963 v. 19, no. 1966 v. 22, no. 1967 v. 22, no. v. 23, no.
Akademii nauk Armiyanskoi SSSR, Erivan Istoriko-filologicheskii zhurnal 1964 no. 2(2145a) 1966 no. 4(926b) 1967 no. 1(2925a), 2/3(4108b)	Akademii nauk Azerbaidzhanской SSR, Baku Izvestiya. Seriya nauk o Zemle 1966 no. 4(568c), 6(4124a) 1967 no. 1(3781a), 2(3610a)	Akademii nauk Kazakhskoi cheskiy institut Trudy 1967 v. 8(2505a)
Akademii nauk Armiyanskoi SSSR, Erivan Izvestiya. Fizika 1966 v. 1, no. 2-4(82c), 5(3802b) 1967 v. 2, no. 1(410c), 2(2582a)	Akademii nauk Azerbaidzhanской SSR, Baku. Institut geografi Trudy 1960 v. 9(400c)	Akademii nauk Kazakhskoi botaniki Trudy 1966 v. 23(952b) 1967 v. 24(3251b)
Akademii nauk Armiyanskoi SSSR, Erivan Izvestiya. Matematika 1966 v. 1, no. 5(513a), 6(408a) 1967 v. 2, no. 1(2181c), 2(2056a), 3(3533b), 4(3800c)	Akademii nauk Azerbaidzhanской SSR, Baku. Institut khimii Trudy 1964 v. 20(508c)	Akademii nauk Kazakhskoi eksperimental'noi biologii Trudy 1966 v. 3(3251a)
Akademii nauk Armiyanskoi SSSR, Erivan Izvestiya. Mekhanika 1966 v. 19, no. 2(83a), 4-6(410c) 1967 v. 20, no. 1(411a), 2(2183c), 3(2583a), 4(4139a)	Akademii nauk Gruzinskoi SSR, Tiflis Soobshcheniya 1961 v. 26, no. 6(463c) v. 27, no. 2(463c) 1966 v. 43, no. 3(365b) v. 44, no. 1(366a), 2(404a), 3(404b) 1967 v. 45, no. 1(910c), 2(1755a), 3(366b) v. 46, no. 1(2130c), 2(2137a), 3(3230a) v. 47, no. 2(3780a)	Akademii nauk Kazakhskoi fiziologii Trudy 1966 v. 10(502b)

Akademii nauk Kazakhskoi SSR, Alma-Ata Institut
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1967 v 25(2997a), 26(4178a), 27(2997b)

Akademii nauk Kazakhskoi SSR, Alma-Ata Institut
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Akademii nauk Kazakhskoi SSR, Alma-Ata Institut
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Trudy
1965 v 13(3299b)
1966 v 16(135b), 19(1848a)
1967 v 21(2233c), 22(2997b), 23(3299b),
24-25(2997c)

Akademii nauk Kazakhskoi SSR, Alma-Ata Institut
mikrobiologii i virusologii
Trudy
1967 v 10(3790a)

Akademii nauk Kazakhskoi SSR, Alma-Ata Institut
zoologii
Trudy
1967 v 27(1788a)

Akademii nauk Kirgizskoi SSR, Frunze
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1966 no. 2(464c), 3(917b)
1967 no. 1(2920a), 2(2920b), 3(3507a)

Akademii nauk Kirgizskoi SSR, Frunze
Izvestiia Seriya estestvennykh i tekhnicheskikh nauk
1964 v. 6, no. 2(2137b)

Akademii nauk Kirgizskoi SSR, Frunze
Vestnik
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Akademii nauk Moldavskoi SSR
Izvestiia
1965 no. 3(464c), 4(166b), 5(30b),
6(1366c), 8(165a), 9(1366c),
12(917c)
1966 no. 2(917c), 3(2137c), 4(1755b),
6(3791a), 4(4103a)

Akademii nauk Moldavskoi SSR, Otdel genetiki i rastenii
Genetika, selektsiia i semenovodstvo
kukuruzy
1965 no. 1(109b)

Akademii nauk SSSR
Doklady
1965 v. 165, no. 6(1780a)
1966 v. 107, no. 2(197a), 3(1922a)
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v. 173, no. 1(1302c), 2(1781b),
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6(2167b)
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v. 175, no. 1(2941c), 2(2942b),
3(3246b), 4(3247b), 5(3785a),
6(3785c)
v. 176, no. 3(3786b), 4(3787a)
Sistematischeskii ukazatel', for vols 1-100, 1933-1955,
for vols 101-155, 1955-1961 (1391a)

Akademii nauk SSSR
Arkhiv A. M. Gor'kogo
1966 v. 9(1348a)

Akademii nauk SSSR
Izvestiia Energetika i transport
1966 no. 6(560c)
1967 no. 1(2226c), 2(1842b), 3(2991c),
4(4174a)

Akademii nauk SSSR
Izvestiia. Fizika atmosfery i okeana
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1967 v. 3, no. 1(63b), 2(1411a),
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Akademii nauk SSSR
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Akademii nauk SSSR
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Akademii nauk SSSR. Astronomicheskii sovet
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Akademii nauk SSSR. Biblioteka
Novye inostrannye knigi, katalog novykh
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Akademii nauk SSSR. Botanicheskii institut
Trudy. Seriya 4. Eksperimental'naya
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1965 no. 12(1788b)
1967 no. 14(4126a)

Akademii nauk SSSR. Dageslanskii filial, Makhachkala.
Institut istorii, yazyka i literatury
Uchenye zapiski
1962 v. 10(2138b)

Akademii nauk SSSR. Dal'nevostochnyi filial, Vladivostok
Komarovskie chteniya
1967 no. 6(2946a)

Akademii nauk SSSR. Dal'nevostochnyi filial, Vladivostok
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Akademii nauk SSSR. Fizicheskii institut
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Akademii nauk SSSR. Irkutskii filial, Yakutsk
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1962 no. 8(465a)

Akademii nauk SSSR. Institut fiziki Zemli
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Akademii nauk SSSR. Institut biologii vnutrennikh i
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Akademii nauk SSSR. Institut elektromekhaniki
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Akademii nauk SSSR. Institut etnografii
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1967 no. 1(1781a)

Akademii nauk SSSR. Institut istorii, Leningadskoe
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Akademii nauk SSSR. Institut mineralogii, geokhimi
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Akademii nauk SSSR. Institut gornogo dela
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Akademii nauk SSSR. Institut istorii material'noi kul'tury
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Akademii nauk SSSR. Institut teoreticheskoi astronomii
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- Akademija nauk SSSR. Institut teoreticheskoi astronomii**
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- Akademija nauk SSSR. Komissiya po izucheniiu chetver-**
tykh perioda
Trudy
 1961 v. 18(493a)
- Akademija nauk SSSR. Komissiya po kometam i meteoram**
Bulleten'
 1963 no. 8(395c)
- Akademija nauk SSSR. Krymskaya astrofizicheskaya**
observatoriya
Izvestiya
 1962 v. 27(2567b)
 1965 v. 34(2503c)
 1966 v. 35(249c)
 1967 v. 36(3246c), 37(3249a)
- Akademija nauk SSSR. Matematicheskii institut**
Trudy
 1967 v. 88(3801a), 89(2956a), 90(2580b),
 91(4137c), 92(2182a)
- Akademija nauk SSSR. Mezhdunarodnyi geofiziki-**
cheskii komitet
Ionosfernye issledovaniya
 1964 no. 13(411c)
- Akademija nauk SSSR. Mezhdunarodnyi geofiziki-**
cheskii komitet
Issledovaniya meteorov
 1967 no. 2(86b)
- Akademija nauk SSSR. Mezhdunarodnyi geofiziki-**
cheskii komitet
Kosmicheskie tuchi
 1967 no. 8(2581b)
- Akademija nauk SSSR. Mezhdunarodnyi geofiziki-**
cheskii komitet. X razdel programmy MGG
Sbornik statei
 1966 no. 8(83c)
 1967 no. 9(3262c)
- Akademija nauk SSSR. Mezhdunarodnyi geofiziki-**
cheskii komitet. X razdel programmy MGG. Okeanologiya
Sbornik statei
 1966 no. 15-16(56b)
- Akademija nauk SSSR. Mineralogicheskii muzej**
Trudy
 1961 no. 12(493b)
 1966 no. 17(2559c)
- Akademija nauk SSSR. Murmanskii morskoi biologiče-**
skii institut
Trudy
 1965 no. 10-11(953b), 12(67c)
- Akademija nauk SSSR. Nauchnyi sovet po effektivnosti**
osnovnykh fondov kapital'nykh vlozhenii i novoi
tekhniki
Sbornik nauchnoi informatsii
 1962 no. 2(40b)
- Akademija nauk SSSR. Okeanograficheskaya komissiya**
Trudy
 1962 v. 13-14(56b)
- Akademija nauk SSSR. Paleontologicheskii institut**
Trudy
 1967 no. 112(4124b), 114(2105a), 115(4124b),
 116(3241c)
- Akademija nauk SSSR. Sakhalinskii kompleksnyi nauchno-**
issledovatel'skii institut
Trudy
 1962 no. 12(367a)
 1966 no. 16(918c), 17(919a)
- Akademija nauk SSSR. Sektor seti spetsial'nykh**
bibliotek
Bibliotekno-bibliograficheskaya informatsiya
 1967 no. 1(3764c)
- Akademija nauk SSSR. Sibirskoe otdelenie. Seminar**
algebry i logiki
Algebra i logika
 1966 v. 5, no. 4-5(513b), 6(961c)
 1967 v. 6, no. 1(2182a)
- Akademija nauk SSSR. Sevastopolskaya biologicheskaya**
stantsiya
Trudy
 1964 v. 15(390c)
- Akademija nauk SSSR. Sibirskoe otdelenie**
Izvestiya. Seriya biologo-meditsinskikh
nauk
 1966 no. 12(397a)
 1967 no. 5(3790c)
- Akademija nauk SSSR. Sibirskoe otdelenie**
Izvestiya. Seriya khimicheskikh nauk
 1967 no. 2(2940c), 7(4131b)
- Akademija nauk SSSR. Sibirskoe otdelenie**
Izvestiya. Seriya obshchestvennykh nauk
 1966 no. 9(31a)
 1967 no. 1(755c)
- Akademija nauk SSSR. Sibirskoe otdelenie. Institut**
geografii Sibiri i Dal'nego Vostoka
Doklady
 1965 no. 9-10(56c), 11(3518b)
- Akademija nauk SSSR. Sibirskoe otdelenie. Institut**
volkanologii
Bulleten' vulkanologicheskikh stantsii
 1966 no. 42(390a)
 1967 no. 43(390a)
- Akademija nauk SSSR. Sibirskoe otdelenie. Institut**
volkanologii
Trudy
 1967 no. 24(3781c), 25(2559c)
- Akademija nauk SSSR. Sibirskoe otdelenie. Khimiko-**
metallurgicheskii institut
Trudy
 1961 no. 16(566c)
- Akademija nauk SSSR. Sibirskoe otdelenie. Limnologiče-**
skii institut
Trudy
 1966 v. 10(503a)
- Akademija nauk SSSR. Sibirskoe otdelenie. Sovet o-**
Vostochnyi kompleknyi nauchno-issledovatel'skii
institut
Trudy
 1963 no. 5(2138c)
- Akademija nauk SSSR. Sibirskoe otdelenie. Sibirskii**
nauchno-issledovatel'skii institut energetiki
Trudy
 1966 no. 4(1004c)
- Akademija nauk SSSR. Ural'skii filial, Sverdlovsk**
Institut biologii
Trudy
 1966 no. 48-49(67c), 51(307b), 55(3522c)
- Akademija nauk SSSR. Ural'skii filial, Sverdlovsk.**
Institut gornogo dela
Trudy
 1962 no. 2, v. 2(1021a)
- Akademija nauk SSSR. Ural'skii filial, Sverdlovsk.**
Institut khimii
Trudy
 1966 no. 12(1401c), 13(2572b)
- Akademija nauk SSSR. Vychislitel'nyi tsentr**
Nomograficheskii sbornik
 1967 no. 4(1802a)
- Akademija nauk SSSR. Zoologicheskii institut**
Trudy
 1966 v. 39(67c)
 1967 v. 38(953b), 44(788c)
- Akademija nauk Turkmenskoi SSR, Ashkhabad**
Izvestiya. Seriya biologicheskikh nauk
 1962 no. 2(2567b)
 1966 no. 5(503c)
 1967 no. 2(2567b)
- Akademija nauk Turkmenskoi SSR, Ashkhabad**
Izvestiya. Seriya fiziko-tekhnicheskikh,
khimicheskikh i geologicheskikh nauk
 1961 no. 2(63a)
 1962 no. 4(63b), 5-6(63c)
 1966 no. 5(3787c), 6(3521a)
 1967 no. 3(3521b)
- Akademija nauk Turkmenskoi SSR, Ashkhabad**
Izvestiya. Seriya obshchestvennykh nauk
 1966 no. 4(31a), 5(105b), 6(919b)
 1967 no. 1(2138a), 2(2542b), 3(3230b),
 4(3762a)
- Akademija nauk Turkmenskoi SSR, Ashkhabad. Institut**
antiseismicheskogo stroitel'stva
Trudy
 1959 v. 4(443b)
- Akademija nauk Tadzhikskoi SSR, Dushanbe**
Doklady
 1966 v. 9, no. 12(31a)
 1967 v. 10, no. 1(367a), 2(2138c),
 3(2542a), 4(2138c), 5(2542b),
 6(3507a), 7(3230b), 8(3701c)
- Akademija nauk Tadzhikskoi SSR, Dushanbe**
Trudy
 1959 v. 11(319a)
- Akademija nauk Tadzhikskoi SSR, Dushanbe. Institut**
astrofiziki
Bulleten'
 1958 no. 24(950a)
 1960 no. 41/42(1787a), 43, 44-46(2170b),
 47-48(1787a)
- Akademija nauk Tadzhikskoi SSR, Dushanbe. Otdelenie**
biologicheskikh nauk
Izvestiya
 1966 no. 3-4(503b)
 1967 no. 1(2567a), 2(3790c)
- Akademija nauk Tadzhikskoi SSR, Dushanbe. Otdelenie**
obshchestvennykh nauk
Izvestiya
 1966 no. 3(755c), 4(919b)
 1967 no. 1(2138c), 2(3762a)
- Akademija nauk URSS, Kiev**
Dopovidy
 1961 no. 1(781a)
 1962 no. 7(500b), 11(64a)
 1963 no. 7(64b)
 1965 no. 10(784b)
 1966 no. 10(500c), 11(64c), 12(501a)
- Akademija nauk URSS, Kiev**
Dopovidy. Seriya A. Fiziko-tekhnichni
ta matematichni nauky
 1967 v. 20, no. 1(784c), 2(304a),
 3(304b), 4(1785a), 5(2168c),
 6(2561b), 7(2013a), 8(3521b),
 9(3521c)
- Akademija nauk URSS, Kiev**
Dopovidy. Seriya B. Geologiya, geofizyka,
khimija ta biologiya
 1967 v. 20, no. 1(785b), 2(304c),
 3(785b), 4(1785c), 5(785a),
 6(2561c), 7(2013b), 8(3248a),
 9(3785a)
- Akademija nauk URSS, Kiev**
Geofizicheskii sbornik
 1965 no. 2(3263a)
 1966 no. 17(616b), 18(964b), 22(3803b)
- Akademija nauk URSS, Kiev. Institut biologii piven-**
nykh moriv
Trudy
 1967 no. 2(3790c)
- Akademija nauk URSS, Kiev. Institut elekt**
avtomaticheskaya svyaz
 1966 v. 13, no. 5(1010b)
 1966 v. 19, no. 12(128a)
 1967 v. 20, no. 2(1010b),
 7(2988a), 8(3560c),
 10(3840c)
- Akademija nauk URSS, Kiev. Institut fiziol**
ta agrokhimii
Nauchnye trudy
 1966 no. 11(429b)
- Akademija nauk URSS, Kiev. Institut mash**
i avtomatyky
Nauchnye zapiski. Seriya mash
 1964 v. 9(227a)
- Akademija nauk URSS, Kiev. Institut teplo**
Zbirnyk prats'
 1959 no. 17(1013c)
- Akademija nauk URSS, Kiev. Institut vyko**
v komunal'nomu hospodarstvu ta promys
Pratsi
 1959 v. 7(543a)

- Akademija nauk URSSR, Kiev. Mezhdunarodnyy geofizicheskii komitet
Geofizika i astronomiya, informatsionnyy biulleten'
1986 no. 9(411c)
- Akademija nauk URSSR, Kiev. Morskoy gidrofizicheskii institut
Ekspress-informatsiya
1985 no. 1(2936b)
1986 no. 3(1776c), 4(2936b), 6(4123a)
- Akademija nauk URSSR, Kiev. Morskoy gidrofizicheskii institut
Trudy
1986 v. 37(57a)
- Akademija nauk URSSR, Kiev. Nauchno-prirodopoznavchiy muzej
Nauchnyy zapyski
1959 v. 7(953b)
- Akademija nauk Uzbekskoi SSR, Tashkent
Doklady
1966 v. 23, no. 6-7(2109a), 2-3(948a), 4-5(948b), 8(2109b)
- Akademija nauk Uzbekskoi SSR, Tashkent
Izvestiya Seriya fiziko-matematicheskikh nauk
1964 v. 8, no. 5(2184c)
1965 v. 10, no. 5(264b)
1967 v. 12, no. 1(964c), 2(1804a), 3(2184c), 5(4140a)
- Akademija nauk Uzbekskoi SSR, Tashkent
Izvestiya Seriya tekhnicheskikh nauk
1966 v. 10, no. 5(2205b), 6(538c)
1967 v. 12, no. 1(431a), 3(2205b), 4(3548b), 5(4159a)
- Akademija nauk BSSR, Minsk
Doklady
1962 v. 6, no. 9(62b), 6(65a), 8(65a), 10(65c)
1966 v. 10, no. 9(65b), 10(65c)
1967 v. 12, no. 11(501b), 12(66a), 13(94c), 2(1395a), 3(1786b), 4(2169b), 5-6(2943c), 7(3248a), 8(3522a), 9(3780b)
- Akademija nauk BSSR, Minsk
Vestsi. Seriya biolagichnykh nauk
1966 no. 3(503c), 4(504a)
1967 no. 1(504b), 2(2171b), 3(3790c)
- Akademija nauk BSSR, Minsk
Vestsi. Seriya fiziko-matematichnykh nauk
1966 no. 4(964c)
1967 no. 1(668a), 2(3263b), 3(3535b)
- Akademija nauk BSSR, Minsk
Vestsi. Seriya fiziko-tekhnichnykh nauk
1966 no. 4(968a)
1967 no. 1(968b), 3(4140b)
- Akademija nauk BSSR, Minsk
Vestsi. Seriya khimichnykh nauk
1966 no. 4(165b)
1967 no. 1(910b), 2(4103a), 3(3762a)
- Akademija nauk BSSR, Minsk
Vestsi. Seriya khimichnykh nauk
1967 no. 2(2950a)
- Akademija nauk BSSR, Minsk
Vestsi. Seriya sel'skhnaspadarchnykh nauk
1966 no. 4(531a)
1967 no. 1(817c), 2(2971b), 3(4155a)
- Akademija nauk BSSR, Minsk Institut fiziko-organicheskoi khimii
Sbornik nauchnykh rabot
1961 no. 9(440c)
- Akademija pedagogicheskikh nauk RSFSR, Moscow
Izvestiya
1964 no. 131(2156b), 132(2931c), 133(3240b)
1965 no. 137(2932a), 139(2932a)
- Akademija stroitel'stva i arkhitektury SSSR
Izvestiya
1961 no. 3(548b)
- Akademija stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo
Trudy
1961 no. 19(548b), 20(119c)
1962 no. 28(443b)
- Akademija stroitel'stva i arkhitektury SSSR Institut sanitarnoi tekhniki
Sbornik trudov
1962 no. 13(548c)
- Aktery zarubezhnogo kino
1965 no. 1(50a), 2(941a)
1966 no. 3(941a)
- Aktinometricheskii ezhegodnik
1966 for Dec 1963 pt. 1 (83c)
for Sep. 1965 pt. 1 (83c)
for Oct. 1965 pt. 1 (83c)
1967 for Nov 1965 pt. 1 (510b)
for Jan. 1966 pt. 1 (412a)
for Feb. 1966 pt. 1 (3263b)
for May 1966 pt. 1 (3263b)
for June 1966 pt. 1 (3263b)
for July 1966 pt. 1 (3263b)
- Aktual'nye problemy ekonomiki sci'skogo khoziaistva. Dlia zaniatii v vysshem zvene politicheskogo obrazovaniia
1965 no. 2(1341c)
- Akusherstvo i ginekologiya
1964 v. 40, no. 3(2195b)
1967 v. 43, no. 1(976b), 5(2967b), 6-7(2967c), 10(3814a)
- Akusticheskii zhurnal
1966 v. 12, no. 1(3263b), 4(2958a)
1967 v. 13, no. 1(2584c), 2(2585a), 3(3803c)
- Akustika i ul'trazvuk
1968 no. 1(965b), 2(2185a)
- Ala-Too; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal
1966 v. 35, no. 10(55a), 12(468c)
1967 v. 36, no. 10(775a), 2(942c), 3(386c), 4-5(1775a), 6(2557c), 7-8(2335b), 9-10(3243a), 11(3779a)
- Algebra i logika soe Akademii nauk SSSR Sibirskoe otdelenie. Seminar algebr i logiki
Alma-Ata. Kazakhskii nauchno-issledovatel'skii gidro-meteorologicheskii institut
Trudy
1954 no. 3(83c)
1965 no. 25(412a)
- Amerika; illiustirovannyi zhurnal
1967 no. 125(32c), 126(130a), 129-130(2545c), 132(3231c)
- Angaia
1967 v. 37, no. 2-4(3517b)
- Angliia
1966 no. 4(33c)
1967 no. 1(33c), 2-3(2545c), 4(3231c)
- Antenny
1966 no. 1(2610b)
- Antibiotiki
1962 v. 7, no. 11(2597c)
1966 v. 11, no. 11(100b), 12(978a)
1967 v. 12, no. 1(529a), 2-3(1421b), 4(885c), 5(2196c), 6(2598a)
- Apatity. Seismicheskaii stantsiia
Materialy nabludenii
1967 for July-Dec 1965 (1777c)
- Apotechnoe delo
1963 v. 12, no. 1(100c)
- Aichyvinai dokumentai
1965 no. 7(2547c)
1966 no. 8(1761b)
- Arkheologicheskii sbornik
1966 no. 8(3510b)
- Arkheologiya
1964 v. 16(2548c)
1965 v. 18(1782a)
1966 v. 20(1782b)
- Arkheologiya SSSR; svod arkheologicheskikh istochnikov
1965 no. B3-8, ch. 4(4086c), D1-311(2120a)
1966 no. B4-9(436c), D3-8(340b), E1-36(436c)
1967 no. D1-4(4086c), E1-38(4086b)
- Arheologiya un etnografiia
1968 v. 7(473c)
- Arkitektura SSSR
1963 no. 6-7(51c)
1966 no. 7(51c), 8(52a), 11-12(52a)
1967 v. 35, no. 1(486c), 9(3516c), 8(3778a)
- Arkhiv anatomi, gistologii i embriologii
1963 v. 44, no. 3(87c)
1966 v. 51, no. 10(504b), 11-12(504c)
1967 v. 52, no. 2(1397b), 3(397c), 4(1780a), 5(2171c), 6(2910b), 8(3251a), 9(3791a), 10(4126a), v. 53, no.
- Arkhiv patologii
1966 v. 28, no. 12(526a)
1967 v. 29, no. 1(977a), 4(814b), 5(2590b), 7(2968a), 9(3815a)
- Armenian S.S.R. Ministerstvo sel'skogo khoziaistva
Izvestia Sel'skokhoziaistvennogo ministerstva
1965 v. 8, no. 8(980a)
1966 v. 9, no. 8(980a)
1967 v. 10, no. 8(980a), 9(981a)
- Armianskii khimicheskii zhurnal
1967 v. 20, no. 4(2572c), 5(3258a), 6(3258b)
- Armianskoe srednevekovye iliiki
[In Armenian]
1963 no. 8(444c)
- Artiklile ja retsensionide kroonika ja NSV i iiklik anatutiline bibliografiia teistes liiduvabariidkides ja moliialilikes valitsiikides ilmunud kirjajad Eesti NSV kohta
1967 no. 1(3232c), 3-7(3232c)
- Ashkhabad. Turkmenskii gosudarstvennyi universitet
Uchenye zapiski
1965 no. 36(2542b)
- Ashkhabad. Turkmenskii nauchno-issledovatel'skii institut klimatologii, kurortologii i fizioterapii
Trudy
1965 v. 8(526c)
- Astrakhanskii zapovednik
Trudy
1965 no. 10(1780a)
- Astrofizika
1966 v. 2, no. 4(502a)
1967 v. 3, no. 1(787b), 2(787b)
- Astronomicheskii sbornik
1964 no. 2(2505c)
- Astronomicheskii tsirkulir
1964 no. 305(2566a), 306(68a)
1965 no. 338(2566a), 347(2566a)
1966 no. 353(2566a), 356(2566a), 360(2566a), 362(2566a), 378(3522b), 384(3789a)
1967 no. 384(3789a)
- Astronomicheskii vestnik
1967 v. 1, no. 1(2016a), 2(1616a)
- Astronomicheskii zhurnal
1966 v. 43, no. 6(66c)
1967 v. 44, no. 1(650a), 3(2915b), 4(3780b), 5(1712a)
- Ateisticheskoe chteniia
1960 no. 1(2924c)
- Atlanticheskii nauchno-issledovatel'skii institut ybnogo khoziaistva i okeanografiia
Trudy
1965 no. 15(3278c)
- Atomnaia energiya
1966 v. 21, no. 6(121b)
1967 v. 22, no. 1(1005a), 4(833a), 5(2222a), v. 23, no. 1(2985a), 3(3803c), 4(4140b)
- Atomnaia tekhnika za rubezhom
1966 v. 10, no. 1(124c), 2(544b), 3(1005b), 4(1833b), 10(124c)
- Autotransport i maanleed
1966 no. 5-6(31a)
1967 no. 2(296a)
- Aviatsiia i kosmonavtika
1967 no. 1-2(542b), 3(435c), 4(1127c), 5(2212c), 6(2612b), 8(2044c), 9(3827b), 10(3827c)
- Avtomaticheskaii svarka soe Akademii URSSR, Kiev. Institut elektrovarivaniia. Avtomaticheskaii svarka.
Avtomatika i telemekhanika
1966 no. 11(124c), 12(225a)
1967 no. 1(1005b), 2(1005c), 3(447a), 4(833c), 5(2220b), 6(2910b), 8(3555c), 9(3555c), 7(2985c)
- Avtomatika, telemekhanika i aviiaz'
1966 v. 10, no. 11-12(554c)
1967 v. 11, no. 1(1005c), 2(447a), 3(447b), 8(3556c), 9(4170a)

Avtomatika i vychislitel'naya tekhnika see Latvijas Podomju Socialistiskas Republikas Zinatnu akademijs Elektronikas un skaitļošanas tehnikas instituts Avtomatika i vychislitel'- naya tekhnika			Baikal 1966 v. 12, no 6(55a) 1967 v. 13, no 4(3517b)			Bibliotekha fiziko-matematicheskoi shkol' Matematika, Seriya dopolnitel'- naya 1966 no 1(2531a)		
Avtomatizatsiya proizvodstvennykh protsessov v mashinostroenii i priboro- stroenii 1966 no 4(842c)			Baku Azerbaidzhanskii gosudarstvennyi universitet Uchenye zapiski Seriya biologicheskikh nauk 1961 no 4(1789a)			Bibliotekha "Krasnoi zvezdy" 1966 no 21(448a), 22(444c), 24(449a) 1967 no 1(1350b), 2(1348a), 5(3497a), 6(2125b), 8(3750c), 9(2125c), 10(3751a), 11(3749c), 12(3752a), 13(3751a), 14(3748c), 15(3749a), 16(3752a), 17(3496b), 18(3750a)		
Avtomatyka 1966 v. 11, no 6(125a), 1967 v. 12, no 1(1833c), 2(1834a), 3(2619c), 4(3557a), 5(3836b)			Baku Azerbaidzhanskii gosudarstvennyi universitet Uchenye zapiski Seriya ekonomicheskikh nauk 1961 no 2(1763a)			Bibliotekha novatora 1964 no 2 in 4(2128c), (2537a)		
Avtometriya 1966 no 3(131a), 5(113b), 6(463a) 1967 no 1(1842c), 2(2620a), 3(3295c)			Baku Azerbaidzhanskii nauchno-issledovatel'skii institut neftepererabatyvalushchei promyshlennosti Sbornik trudov 1958 no 3(543a)			Bibliotekha profsoiuznogo aktivista 1961 no 23(884a) 1965 no 3(8a), 16(883c), 22(1311c), 1966 no. 12(2521c), 3(438a), 35(438c), 36(4c)		
Avtomobil'naya promyshlennost' 1966 v. 32, no 11(2626a), 12(560c) 1967 v. 33, no 1(561a), 2(1011a), 3(4453a), 4(4453b), 5(2227b), 6(2626b), 7-8(3296a), 10(3844c)			Baku. Institut istorii partii Trudy 1959 v. 23(1760c) 1961 v. 27(479a)			1967 no. 2(883a), 4(2121b), 5(904c), 11(2522a), 15(2522a), 18(2522b), 19(2538b), 20(2908c), 21(2522a)		
Avtomobil'nye dorogi 1961 v. 24, no 11(548c) 1966 v. 29, no. 11-12(120a) 1967 v. 30, no 1(1002b), 2(1443c), 3(1832c), 4(2218a), 5(2218b), 6(2618b), 7(2081a), 9(3555a), 10(4167c)			Baku. Nauchno-issledovatel'skii institut Trudy kafedr obshchestvennykh nauk 1966 no 1(3762b)			Bibliotekha sel'skogo profsoiuznogo aktivista 1965 no. 8(882c) 1966 no. 3/5(438a), 10(4c), 11-12(4a), 14(1341c), 17(4b), 18(5c), 19(6b), 20(6a), 21(5a), 22(3c), 23(7c), 24(5c)		
Avtomobil'nyi transport 1962 v. 40, no 6(561b) 1963 v. 41, no 7(111b) 1966 v. 44, no 12(131c) 1967 v. 45, no 1(561b), 2(1014a), 3(1453b), 4(813a), 5(2227b), 6(2992a), 7(2592b), 8(3563a), 9(3844c), 11(4174a)			Batum. Nauchno-issledovatel'skaya lyubkhozivstven- naya stantsiya Gruzii Trudy 1965 v. 10(1819c)			Bibliotekha "U politicheskoi karty mira" 1965 no 5(996b)		
Avtomobil'nyi transport. Kiev 1966 no 3(2227c)			Belarus' 1967 v. 24, no 1(33c), 3(468a), 4(923b), 5(1360b), 6(1750b), 7(2515c), 8(2923a), 9-10(3232n), 12(3764a)			Bibliotekha "V pomoshch' khudozhestven- noi samodeyatelnosti" 1965 no 14(3748a) 1967 no 1-2(0c), 3(446a), 4(9c), 5(2524c), 6-7(888c), 1(2125c), 12(2526b), 15(2912a), 16(4091a), 17(3224a), 18(3222a), 19(3750b)		
Azərbaycan 1966 no. 12(65a) 1967 no 1-2(488c), 3(1880c), 4(1775a), 6(2557c), 7-8(2835b), 9(3243a), 10(3770a)			Belaruskaya moladz' 1967 v. 9, no 26(4105a)			Bibliotekha zhivoinovoda po krupnomu rogatomu skotu 1957 no 6(905b), 15(23a)		
Azərbaycan gadyny 1966 no. 12(43a) 1967 no 1(43a), 2-3(932c), 4(1378a), 5(1766a), 6(2028a), 7-8(3237c)			Belorusskii tekhnologicheskii institut Sbornik nauchnykh rabot Seriya obshchestvenno-tekhnicheskaya 1966 no 3(822c)			Bibliotekha zhurnala "Pogranichnik" 1967 no 4(3743c)		
Azərbaycan kommunisti 1967 no 11(3772b)			Belorusskoe iskusstvo 1965 no. 1(2034b)			Bibliotekha zhurnala "Sovetskii voen" 1965 no 4(1740c), 12(2527c), 22(448b), 24(446c)		
Azərbaycan tibb zhurnaly. Azerbaidzhan- skii meditsinskii zhurnal 1962 no 3(88a), 4(2590c), 7-8(88b), 1963 v. 40, no 2-3(88c), 4(89a), 9(89a) 1964 v. 41, no. 5(2180b) 1966 v. 43, no 11(973a), 12(520b) 1967 v. 44, no 1(2180b), 2(1416a), 3(2189c), 4(1809b), 5(2591a), 6(2961b), 7(2961c), 10(3809b)			Bel'gi lotos 1966 no. 11(37a) 1967 no 12(3510a)			1967 no. 8(2125a), 9(2011c), 10(3751c), 11(2525b), 12(2526b), 13(3752a), 14(3497b), 15(3781c), 16(3496b), 17(3748c)		
Azerbaidzhanskii khimicheskii zhurnal 1967 no 1(2950b), 2(2050c)			Belon i zhelenobeton 1961 no 12(549a) 1963 v. 9, no. 5(2218c) 1966 v. 12, no. 11(518a), 12(120b) 1967 v. 13, no 5(3200a), 7(2984b), 10(3833b)			Bibliotekha-bibliograficheskaya informa- tsiya Sektora seti spetsial'nykh bibliotek see Akademiya nauk SSSR Sektor seti spetsial'nykh bibliotek Bibliotekha-bibliograficheskaya informatsiya		
Azerbaidzhanskii nauchno-issledovatel'skii institut kumotologii i fizicheskikh metodov lecheniya Sbornik trudov 1962 no. 6(527a)			Bentonitovye gliny Ukrainy; sbornik 1960 no 4(450b)			Bibliotekha elektromontera 1966 no. 207(25a), 210-211(456b), 212(000b)		
Azerbaidzhanskoe geograficheskoe obshchestvo Trudy 1966 no. 3(400c)			Bezopasnosti' truda v promyshlennosti 1962 v. 6, no. 5(111a) 1963 v. 7, no. 5(111b) 1965 v. 9, no. 12(2205c) 1966 v. 10, no 2(088b), 3(088c), 4(822c), 5(431a), 6(431b), 8(431b), 9(431c), 10(1823a), 12(3822c)			1967 no. 209(1364b), 213(1361a), 214(1361b), 215(1360b), 216(1359a), 218(914a), 219(1752a), 220(3358c), 221(1751b), 223(2134a), 224(1750b), 225(2530b), 228(2535c), 229(2535b), 230(3226b), 231(3756a), 236(3756c)		
Azerbaidzhanskii nauchno-issledovatel'skii institut kumotologii i fizicheskikh metodov lecheniya Sbornik trudov 1962 no. 6(527a)			1967 v. 11, no 1(538a), 2(088c), 3(1823a), 4(1823b), 5(1823c), 6(2007c), 7-8(1823a), 9(3823b), 10(4159a)			Biblioteka elektrofotomista 1967 no 20(3228a), 30(356a), 31(2133a)		
Azerbaidzhanskoe geograficheskoe obshchestvo Trudy 1966 no. 3(400c)			Biarezka 1966 v. 42, no 12(33c) 1967 v. 43, no 1(33c), 2(468a), 3(923b), 4(1360b), 5(2142c), 6-7(2545c), 8(2923a), 9(3232a), 10(3508c), 11(4105a)			Biblioteka 1966 no.		
Azerbaidzhanskoe nefliannoe khozaistvo 1963 v. 42, no 3(135c), 5(136a), 7(135b) 1965 v. 44, no. 4(1021b), 6(4568c), 7(2631a), 10(2998a) 1966 v. 45, no. 9(136b), 11(567a), 12(136c) 1967 v. 46, no. 1(458c), 2(458a), 3(1848b), 4-5(2234b)			Biblioteka bozhyka 1962 no 2(85b)			Biblioteka 1965 no.		
Azija i Afrika segodnia 1967 v. 10, no. 1(468c), 2(923a), 3(823b), 4(1360a), 5(1750a), 6(2142c) v. 11, no 7(2922c), 8(3231c), 9(3232a), 10(3508c), 11(3764a)			Bibliografiya inostrannoi bibliografii po khimii 1966 no. 1(34b)			Biblioteka 1965 no.		
Babushkin. Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva Trudy 1967 no. 61(2984b), 62(3833b)			Bibliotekha "Avtomatizirovannaya sistema upravleniya stroitel'stvom" 1966 no. 7(4090c), 8(4087b)			Biblioteka 1965 no. 1966 no.		
Baikal 1967 no. 1(488c), 2(2161b), 3(2557c), 4(3243a), 5(3779a)			Bibliotekha elektromontera 1963 no. 4(1301b) 1965 no. 16(1762c) 1966 no. 17(26b), 18(2134a), 19(2018b), 20(3227b)			1967 no.		
Baikal 1967 no. 1(488c), 2(2161b), 3(2557c), 4(3243a), 5(3779a)			Bibliotekha fiziko-matematicheskoi shkol' Matematika 1966 no. 1(900b)			1967 no.		

Bralskii vestnik
1966 no 4(472a), 5(926a), 6(371b)
1967 no 1(214c), 2(323c), 3(292a),
4(351a), 5(376a)

Bratsvo kolysnykh volativ Pershoi Ukrain's'koi
Dvizni Ukrain's'koi Narodnoi Armii
Visti
1965 v.16 no 11(577b), 12(474a)
1966 v.17, no 1(762c), 2(928a),
1967 v.18, no 12(42b), 3(1374c), 4(762c), 5(2147a),
124(1031b), 125(3005c), 6(2549a), 7(3234b), 9(3510c)

Bugul'ma Tatarskii neftiani nauchno-issledovatel'skii institut
Trudy
1960 no 2(450b)

Bukhgalterskii uchët
1966 no 11(40a), 12(474a)
1967 v.26 no 1(762c), 2(928a),
3(1374c), 4(762c), 5(2147a),
6(2549a), 7(3234b), 9(3510c)

Bumagodefatel'noe mashinostroenie
1965 no 13(561c)
1966 no 14(1014a)

Bumazhnaia i derevoobrabatyvaushchaja promyshlennost'
1962 no 3(120a)

Bumazhnaia promyshlennost'
1962 v.37, no 1(29b), 5(557b)
1966 no 7(3294a), 9(3294a), 12(557b)
1967 no 1(557b), 2(839b), 3(2980b),
4(839c), 5(2224b), 6(2023c),
7(2088c), 8-9(3561a)

Buhenie
1965 no 8(1021b), 10(1021b), 11-12(1021c)
1966 no 12(136c)
1967 no 1(159c), 2(460a), 3(1848c),
4(2234c), 5(2631a), 6(2998b),
7(3649a), 9(3849a), 11(1710b)

Byuran. Observatoria
Soobshcheniia
1966 no 37(1787b)
1967 no 38(2945b)

Catholic Church. Byzantine Rite (Ukrainian). Verkhovnyi
Arkhiepyskop
Blahovistnyk
1965 v.1, no 1-2/3(2925a)
1966 v.2, no 1(2925a)

Chasovoi
1966 no 45(44a), 186(44a)
1967 no 467-468(44a), 189(479b), 490(933a),
491(2926b), 492(1766c)

Cheboksary. Chuvashskii gosudarstvennyi pedagogiches-
skii institut
Uchenye zapiski
1966 no 24(2920c), 27(2920c)

Cheboksary. Chuvashskii nauchno-issledovatel'skii
institut iazyka, literatury, istorii i ekonomiki
Uchenye zapiski
1963 no 23(37c)
1964 no 25(2548a)
1965 no. 20(2145b), 30(926b)

Cheboksary. Chuvashskii sel'skokhoziaistvennyi institut
Trudy
1965 v.6, no 1(4155b)

Chekoslavoiskii fizicheskii zhurnal
1967 v.17, no 1(83c), 2-3(510b),
4(412b), 5(1804a), 6-8(2588b),
9-10(3536a), 11(3804a), 12(4140c)

Chekoslavoiskii matematicheskii zhurnal
1967 v.17, no 1(801c), 2(2182a),
3(3200b)

Chelyabinsk. Politehnicheskii institut
Sbornik statei
1965 no 28(4174b)
1966 no. 36(453c)

Chlo chliat' ob Azerbaidzhane
1965 no. 4(3c)

Dadzia
1967 no. 1-2(33c), 3-4(409a), 6-9(1369b),
10-11(1750b), 12(2142c), 13-14(2545c),
15-16(2923a), 17(3232a), 18-21(3764a),
23(4105a)

Dal'nii Vostok
1967 v.34, no 1(488c), 2(388c)
v.36, no 3(2101b), 4(2935b)

Darbai Geodezijos skyriaus Lietuvos TSR
geografine draugija see Lietuvos TSR geogra-
fine draugija. Geodezijos skyriaus Darbai

Darbai Vilniaus geologijos instituto see
Vilna. Geologijos institutas. Darbai

Defektoskopia
1966 v.2, no. 5(539a), 6(539b),
1967 v.3, no 1(3623c), 2(2205c),
3(3282a), 4(3823c)

Dekorativnoe iskusstvo SSSR
1967 v.11, no 1(51b), 2(486a),
3(1385b), 4-5(2150c), 6(2557a),
7-10(2934b), 9(3242b), 10(3777c),
11(4121a)

Den'gi i kredit
1966 v.24, no 12(42a)
1967 v.25, no 1(931c), 2-3(1377b),
4-5(2150c), 6-7(3236c), 8(3513a),
9(3770b), 10(3770c), 11(4111c)

Derevoobrabatyvaushchaja i bumazhnaia
promyshlennost' see Listok tekhnicheskoi
informatsii Derevoobrabatyvaushchaja
i bumazhnaia promyshlennost'

Derevoobrabatyvaushchaja promyshlennost'
1966 v.15, no 12(129b)
1967 v.16, no 1(1010c), 3(1451c),
4(1839c), 5(2621a), 6(2224b),
7-8(3291b), 9(3561b), 10(3841a)

Desheva biblioteka krasnogo pys'menstva
1965 no 5(440b), 8(446b)

Detali mashin i pod'emno-transportnye
mashiny
1965 no. 1(562a)

Detal' okruzhaiet iskusstvo
1965 no 11(899a)

Det'skaia literatura
1967 v.2, no 2(943a), 4(1775a),
5(1386c), 6(2101b), 7(2557c),
8(2935b), 9(3243a), 10(3517b),
11(3779a), 12(4121c)

Differentsial'nye uravneniia
1966 v.2, no. 9(81c), 11-12(513b)
1967 v.3, no 1-2(408b), 3(1802b),
4(2182a), 5(2580b), 6-7(3200b),
8(3801a)

Dila
1966 no 11-12(55a)
1967 no 5(1775a), 6-7(2557c), 8(2935b),
9(3243a), 10-11(3779a)

Dinamika i prachnost' mashin
1966 no 3(453c)

Diskretnyi analiz
1966 no. 8(513c)
1967 no. 9(2182b)

Dlia zaniatii v vysshem zvene polit-
icheskogo obiazovanii
1965 no 1(1341a), 2(1737b), 5(1343b)

Dnepropetrovsk. Dnepropetrovskii gornyi institut
Izvestiia
1964 v.43(2631b)

Dnepropetrovsk. Institut chornoi metalurgii
Nauchnye trudy
1965 v. 21(1846c)

Dnepropetrovsk. Institut inzheneriv raznychnogo
transporta
Trudy (Sbornik trudov)
1964 no. 48(2626b)
1965 no. 57(1014c)
1966 no. 58(2992c)

Dniptro
1967 v.41, no. 1(55a), 2-3(480a),
4(1386c), 5(1775a), 6(2101b),
7(2557c), 8-9(2935b), 10(3517b),
12(4122a)

Doklady Akademii nauk Armianskoi SSR
see Akademiia nauk Armianskoi SSR, Erivan. Doklady

Doklady Akademii nauk Azerbaidzhanskoi
SSR see Akademiia nauk Azerbaidzhanskoi SSR,
Baku. Doklady

Doklady Akademii nauk SSSR see Akademiia
nauk SSSR Doklady

Doklady Akademii nauk Tadzhikskoi SSR
see Akademiia nauk Tadzhikskoi SSR, Dushanbe.
Doklady

Doklady Fenologicheskogo sektora Geogra-
ficheskogo obshchestva SSSR see Geogra-
ficheskoe obshchestvo SSSR. Fenologicheskii sektor.
Doklady

Doklady Akademii nauk Uzbekskoi SSR see
Akademiia nauk Uzbekskoi SSR, Tashkent. Doklady

Doklady i soobshcheniia Vsesoiuznogo
nauchno-issledovatel'skogo instituta
ekonomiki sel'skogo khoziaistva see Mos-
cow. Vsesoiuznyi nauchno-issledovatel'skii institut
ekonomiki sel'skogo khoziaistva Doklady i soob-
shcheniia

Doklady Instituta geografii Sibiri i Dal'-
nego Vostoka see Akademiia nauk SSSR Sibir-
skoe otdeleniie Institut geografi Sibiri i Dal'nego
Vostoka. Doklady

Doklady Komissii po landshtaftnym issledo-
vaniiam i kartografirovaniu see Geografi-
cheskoe obshchestvo SSSR. Komissia po landshtaftnym
issledovaniiam i kartografirovaniu Doklady

Doklady Moskovskogo instituta inzhenerov
sel'skokhoziaistvennogo proizvodstva see
Moscow Institut sel'skokhoziaistvennogo proizvodstva
Doklady

Doklady Moskovskoi sel'skokhoziaistvennoi
akademii im Timiriazeva see Moscow.
Moskovskia sel'skokhoziaistvennaia akademiia im
Timiriazeva Doklady

Doklady Otdeleniia etnografii Geografiche-
skego obshchestva SSSR see Geograficheskoe
obshchestvo SSSR. Otdeleniie etnografii Doklady

Doklady po kartografii see Geograficheskoe
obshchestvo SSSR. Otdeleniie matematicheskoi geografii
i kartografii Doklady po kartografii

Doklady po meditsinskoi geografii see
Geograficheskoe obshchestvo SSSR. Otdeleniie med-
itsinskoi geografii. Doklady po meditsinskoi
geografii

Doklady Vsesoiuznoi Akademii sel'skokho-
ziaistvennykh nauk imeni V. I. Lenina see
Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk
imeni V. I. Lenina Doklady

Don
1966 v.10, no. 11-12(55a)
1967 v.11, no. 1(55a), 2(480a),
4(1386c), 5(2101b), 7(2557c),
8(2935b), 9(3213a), 10(3517c),
11(3779a), 12(4122a)

Donskai nauchno-issledovatel'skai iesnaia opytinaia
stansiia
Sbornik nauchnykh rabot
1963 no 2(2095b)

Dopovid Akademii nauk URSSR see Akademiia
nauk URSSR, Kiev. Dopovid

Doroha pravdy [vydaniia]
1962 no. 24(2125c)

Doshkol'noe vykhovannia
1966 v.27, no 9(48a), 12(48a)
1967 v.28, no 1-2(48a), 3(480b),
4(1383a), 5-6(2101b), 7(2555a),
8(2932a), 9-10(3240c), 11(4116b)

Doshkol'noe vospitanie
1966 v.39, no. 12(48a)
1967 v.40, no 1-2(1030a), 3(1383a),
4(1770c), 6(3240c)

Drauga
1967 no. 1-3(1309b), 6-7(3232a), 8(2923a),
9(3764a)

Drosha
1966 no. 12(55a), 1(55a), 2-4(1386c), 5-6(2557c),
7(2935b), 9(3517c), 11(3779a)

Druzba narodov
1966 v.28, no. 12(55a)
1967 v.29, no. 1(55a), 2(480a),
3(1386c), 4-5(1775a), 6-7(2557c),
8(2935b), 9(3243a)

Druzno vpered
1967 v.17, no. 1(469a), 2(389b),
3(469a), 4-5(1386b), 6(2142c),
7(2545c), 8-9(2923a), 10(3508c),
11-12(4105a)

Dukhovnoe probuzhdenie
1967 v.46, no. 1-2(37a), 3/4(926a),
5/6(1761a), 7/8(2547c), 9-10(3233c)

Dushanbe. Gosudarstvennyi meditsinskii institut
Trudy
1965 v. 71(2001c)

Dushanbe. Gosudarstvennyi pedagogicheskii institut
Uchenye zapiski
1964 v. 43(1307b)

Dvigateli vnutrennego sgoraniia
1966 no 2(1014c)

- Eesti Kommunist**
1987 v. 23, no. 1-2(44a), 3(479b), 4(378c), 5(2153), 6(1766c), 7(3514a), 8(2553b), 9(3235b), 10(3514a), 12(3772b)
- Eesti loodus**
1986 no. 6(66a)
1987 v. 10, no. 1(66a), 2-3(501b), 4-5(1395b), 6-7(2564c), 8(2944a), 9(3248a), 10(3522a), 11(3788b)
- Eesti Maaviljeluse ja Maaparanduse Teadusliku Uurimise Instituut Teaduslik-tehniline informatsioon**
1986 no. 1(3547a)
- Eesti Maaviljeluse ja Maaparanduse Teadusliku Uurimise Instituut Teaduslike toode kogumik**
1986 no. 8(822a)
- Eesti NSV Pedagoogika Teadusliku Uurimise Instituut [Toimetised]**
1986 no. 23(3747c), 26(3497b)
- Eesti NSV Poleviki Uurimise Instituut**
1986 no. 15(2680b)
- Eesti NSV Teaduste Akadeemia Ehituse ja Ehitusmaterjalide Instituut**
1986 no. 6(2984b)
1987 no. 7(2981b)
- Eesti NSV Teaduste Akadeemia Füüsika ja Astronoomia Instituut**
1986 no. 34(804a)
1987 no. 32(2958a)
- Eesti NSV Teaduste Akadeemia, Kuberneetika Instituut**
1986 no. 2-1(81c), 5(901c)
- Eesti NSV Teaduste Akadeemia Toimetised Bioloogia**
1987 v. 16, no. 4(3523a)
- Eesti NSV Teaduste Akadeemia Toimetised Füüsika, matemaatika**
1987 v. 16, no. 1-2(2585b), 3(3263c), 4(3604a)
- Eesti NSV Teaduste Akadeemia Toimetised, Füüsikalise matemaatilise ja tehnilise teaduste seeria**
1986 v. 15, no. 4(910c)
- Eesti NSV Teaduste Akadeemia Toimetised, Keemia, geoloogia**
1987 v. 16, no. 1(2572c), 4(3796c)
- Eesti NSV Teaduste Akadeemia, Toimetised, Ühiskonna teadused**
1986 v. 15, no. 3(31b)
1987 v. 16, no. 1(919c), 2(1367b), 3(2542c), 4(3507b)
- Eesti NSV Teaduste Akadeemia, Zooloogia ja Botaanika Instituut**
1983 v. 3(3252b)
- Ehitus ja arhitektuur**
1984 no. 3(488c), 5(486c)
1986 no. 3-4(52b)
- Ekonomika i matematicheskie metody**
1986 v. 2, no. 6(40b)
1987 v. 3, no. 1(475a), 2(1375a), 3(4110c), 4-5(3511b)
- Ekonomika i organizatsiia sili's'koho hospodarstva**
1986 no. 9(3511c)
- Ekonomika i zhizn'**
1987 v. 9, no. 3(763a), 4(2148a), 5(2550a), 6(3767c), 9(3768a)
- Ekonomika nefte dobyvaiushchei promyshlennosti**
1986 no. 5(40c), 6(2550a)
1987 no. 1(2148a), 2-3(2148b), 4(3768a), 5-7(3768b)
- Ekonomika Radians'koi Ukrainy**
1987 v. 10, no. 1(930a), 2(2148b), 3-5(2148c), 6(3511c), 9(3512a), 10(4110c), 11(3768b)
- Ekonomika sel'skogo khoziaistva**
1986 v. 42, no. 11-12(40c)
1987 v. 12, no. 1(475a), 2(930b), 4(8375b), 5(2149a), 6(3234c), v. 43, no. 7(3235a), 8(2927a), 9-10(3768c)
- Ekonomika Sovetskoi Ukrainy**
1987 v. 10, no. 1-3(930b), 4(375b), 5(4763b), 6(2149a), 7(2927b), 8-9(3512a), 10(3768c), 11(4110a)
- Ekonomika stroitel'stva**
1986 v. 8, no. 12(41a)
1987 v. 9, no. 1(475b), 2(9375b), 3-4(4375c), 5-6(2550b), 7(3768a), 8(3235a), 11(3768b)
- Ekian**
1987 v. 8, no. 31(32923b), 33-34(3232a)
- Ekspierimental'naiia khirurgia i antestaziologia**
1983 v. 8, no. 6(401c)
- Ekspierimental'noe proektirovanie**
1980 no. 3(1355c)
- Ekspierimental'nye issledovaniia po psikhologii ustanovki sse Akademii nauk Gruzinskoi SSR, Tiflis**
1986 no. 1(556c), 2(449a), 3(222a), 4(2621c), 5(3558c), 6(4173a)
- Ekspierimental'nye metody iadernoi fiziki**
1987 no. 2(3500a)
- Ekspress-informatsiia Morskogo gidrofizicheskogo instituta sse Akademii nauk URSS, Kiev**
1986 no. 1(834a), 2(930b), 3(447c), 4(448a), 5(2220c), 6(2619c), 7(2620a), 8-9(3563b), 10-11(3837a)
- Elektricheskaia i teplovoznaiia tiaga**
1986 v. 10, no. 9(454a), 10(31c), 11(562a), 12(562b)
1987 v. 11, no. 1-2(454b), 3(151c), 4-5(2228a), 6-7(2922c), 8-9(3563b), 10(3845a)
- Elektricheskie seti i sistemy**
1985 no. 1(834a)
1987 no. 3(3306a)
- Elektricheskie stantsii**
1980 v. 31, no. 11(91005a)
1981 v. 32, no. 3(447c)
1982 v. 33, no. 3(555a)
1986 v. 37, no. 7(3636c), 11(125b), 12(555b)
1987 v. 38, no. 1(9006b), 2(9006c), 3(447c), 4(448a), 5(2220c), 6(2619c), 7(2620a), 8(3557a), 10-11(3837a)
- Elektrichestvo**
1986 no. 12(25c)
1987 no. 1(555b), 2(9007a), 3-4(448b), 5(2620b), 6(2020c), 7(2985c), 8(3557b), 9(3837b), 10-11(3837c)
- Elektroenergetika i avtomatika**
1985 no. 1(2986a)
1987 no. 2(3291a)
- Elektroizmeritel'nye pribory**
1983 no. 1(2537c)
1987 no. 11(361c), 12(2530c)
- Elektrokhimii**
1986 v. 2, no. 11(75c), 12(510a)
1987 v. 3, no. 1(443c), 2(1798a), 3(444a), 4(1798b), 5(2177c), 6(2673a), 7(2951a), 8(3528c), 9(3796c)
- Elektromashinostroenie i elektrooborudovanie**
1986 no. 3(1007b), 4(1831a)
- Elektronika i khimii v kardiologii**
1986 no. 3(3280a)
- Elektronnaia obrabotka materialov**
1986 no. 1(555c), 4(1007b), 5(2986a), 6(3557c)
1987 no. 1(2986b), 2(3838a)
- Elektrosvyaz'**
1986 v. 20, no. 12(125c)
1987 v. 21, no. 1(555c), 2(448c), 3(834b), 4-5(2221a), 6(2620c), 7(2985b), 8(3291a), 9(3838a), 10(4170c)
- Elektrotehnika**
1986 v. 37, no. 12(26a), 13(1007c), 14(1831a), 15(2142a), 16(2621a), 17(2086c), 18(3558a)
1987 v. 38, no. 3(1834b), 4(24c), 5(907b), 6(3558a), 7(2086c), 8(4102b)
- Elementy radioelektronnoi apparatury**
1986 no. 4(24c), 5(907b)
1987 no. 6(3758a), 8(4102b)
- Energeticheskoe mashinostroenie**
1986 no. 2(2626c), 3(3563c)
- Energeticheskoe stroitel'stvo**
1986 no. 2(1556a), 3(3291b)
1987 no. 7(556b), 8(126a), 9(214c), 10(3291b)
- Energeticheskoe stroitel'stvo za rubezhom**
1987 no. 1(2221b)
- Energetika i elektrifikatsiia**
1986 no. 6(556c)
1987 no. 1-2(1835c), 3(3558a), 4(324c)
- Energokhoziaistvo za rubezhom: prilozhenie k zhurnalu "Elektricheskie stantsii"**
1986 no. 6(126b)
1987 no. 1(556c), 2(449a), 3(222a), 4(2621c), 5(3558c), 6(4173a)
- Energomashinostroenie**
1980 v. 6, no. 0(562b), 10(562a)
1981 v. 7, no. 11(451c)
1982 v. 8, no. 1(132a), 7(3291b), 8(3291b)
1984 v. 10, no. 9(3845a), 10(562a)
1986 v. 12, no. 12(1015a)
1987 v. 13, no. 3(2903a), 4-5(2222c), 6(3245b), 7(2993a), 8(3845b)
- Entomologicheskoe obozrenie**
1987 v. 16, no. 1(780c), 2(3527a), 3(3792b)
- Epigrafiika Vostoka**
1980 no. 13(928b)
- Erivan. Armianskii nauchno-issledovatel'skii institut stroitel'nykh materialov i sooruzhenii**
1986 no. 7(2218c)
- Erivan. Botanicheski sad**
1986 no. 21(1398b)
- Erivan. Politehnicheskii institut**
1986 no. 23(889a)
- Erivan. Universitet**
1985 v. 07(4103a), 09(4103b)
- Erivan. Vychislitel'nyi tsentr**
1986 v. 4(408c)
- Etalonnnoe vremia v srednie momenty peredach radiosignalov**
1986 for Jan-May (502a)
for June-July (60c)
for Aug.-Sep. (90b)
for Oct. (1395c)
for Nov.-Dec. (3249b)
1987 for Jan-June (3249b)
- Evrei i evreiskii narod: sbornik materialov iz sovetskoi zhiznevoi i periodichesko pechatii**
1986 v. 6, no. 2(372a), 4(62b)
1987 v. 7, no. 1(2925b)
- Ezhgodnik knigi SSSR: sistemachesk ukazatel'**
1986 v. 2 for 1985(460c)
- Fan va turnash**
1986 no. 11-12(60a)
1987 no. 1(501c), 2-3(948c), 4(676b), 5(2160c), 6(2564c), 7(2944a), 8(3248b), 9(3522a), 10(3788b)
- Farmakologiya i toksikologiya**
1987 v. 30, no. 1(2598b), 2(151c)

Farmatsyevtychnyi zhurnal 1962 v. 17, no 2(520b) 1963 v. 18, no 3(520b) 1967 v. 22, no 1(421c), 2(2107a)	Fiziologichnyi zhurnal 1966 v. 12, no 6(506a) 1967 v. 13, no 1(2568b), 2(1398c), 3(2172b), 5(4126c)	Geograficheskoe obshchestvo SSSR Krymskii otdel Izvestiia 1961 no 6(491a)
Farmatsiia 1967 v. 15, no 1(422a) v. 16, no 2(2197a)	Fiziologiya drevnykh rastenii 1966 no 2(2172c)	Geograficheskoe obshchestvo SSSR, Omskii otdel. Izvestiia 1965 no. 7(1388c) 1966 no 8(1389a)
Fauna SSSR 1966 v. 2, no 2(953c)	Fiziologiya rastenii 1967 v. 14, no 1(954a), 2(1790c), 3(2173a), 1(3523c)	Geograficheskoe obshchestvo SSSR. Otdelenie etnografii Doklady 1965 no 1(1388a)
Fel'dsher i akusherka 1966 v. 31, no 12(529c) 1967 v. 32, no 1(101a), 2(520c), 3(978a), 4(1422b), 5(1816b), 6(2197c), 7(2598c), 8(2968c), 9(3274c), 10(3543a), 11(3815c)	Fizkul'tura i sport 1967 no 1(49c), 2(485b), 3(941a), 4(1384b), 5(1773a), 6-7(2556a), 9(3241a), 10(3515c)	Geograficheskoe obshchestvo SSSR. Otdelenie matematicheskoi geografii i kartografii Doklady po kartografii 1966 no 3(3780c)
Fermentnaya i spirtovaya promyshlennost' 1967 v. 33, no 1(543c), 2(436c), 3(1828a), 4(2013a), 5(3551c)	Finnye Politehnicheskii institut Triudy 1965 no 18(3518b)	Geograficheskoe obshchestvo SSSR Otdelenie matematicheskoi geografii i kartografii Materialy 1962 no 2(57b)
Filatelists SSSR 1967 v. 2, no 5-6(2550b), 7-8(2927b), 9(3235b), 10(3760a)	Finnye Universitet Ekonomicheskii fakul'tet Triudy 1964 no. 1(41a)	Geograficheskoe obshchestvo SSSR Otdelenie meditsinskoi geografii Doklady po meditsinskoi geografii 1965 no 2(1310b)
Filloksera i mezy bor'by s nei 1966 no 2(1021a)	Funksional'nyi analiz i ego prilozheniia 1967 v. 1, no 3(3801b), 1(3801a), 2(3260c)	Geograficheskoe obshchestvo SSSR Uzbekistanskii filial Izvestiia 1966 v. 9(491b)
Filosofski problemi suchasnogo pryrodopoznavstva 1966 no 6(2109c)	Gazovaya promyshlennost' 1965 v. 10, no 10(990c) 1966 v. 11, no 11(114a), 12(543c) 1967 v. 12, no 1(906c), 2(1436c), 3(2213b), 4(1828a), 5(2213c), 6(2980c), 7(3286c), 8(1104b), 9(4164c)	Geograficheskoe obshchestvo SSSR Vostochno-Sibirskii filial fenologicheskaya komissia Biulleten' 1963 no 2/3(951b)
Filosofskie voprosy meditsiny i biologii 1965 no 1(416c) 1967 no 2(3268b)	Gazovoe delo 1966 no 12(567c) 1967 no 1(1460b), 2(1460c), 3-4(2235a), 5(2235b), 6-7(3300b), 9(3506a)	Geograficheskoe obshchestvo SSSR. Vostochno-Sibirskii otdel Izvestiia 1962 v. 6(57b) 1965 v. 64(1380a)
Finansy SSSR 1966 v. 40, no 11(42b), 12(477b) 1967 v. 41, no 1(477c), 2(1377b), 3(1377c), 4(1705a), 5(2552a), 6(3237a), 7(2927c), 8(4112a), 9(3770c), 10(4112a), 11(4112b)	Geliotekhnika 1966 no 5(4150b), 6(3548c) 1967 no 1(3282a), 2(2978a), 3(1987b)	Geograficheskoe obshchestvo SSSR Zabaikal'skii otdel Izvestiia 1965 v. 1, no 3(2163a), 4(4123b)
Finskii iorgovyi zhurnal 1967 no. 51(2026c)	Genetika 1966 no 11-12(506b) 1967 no 3(1780c), 5(2173a), 6(2947a), 7(4127a), 9(1127a), 10(4127b)	Geografichnyi zbirnyk 1959 no. 5(945a)
Fizicheskaya elektronika 1966 no. 3(955c)	Genetika, selektsiia i semenovodstvo kukuruzy see Akademiia nauk Moldavskoi SSR Otdel genetiki rastenii. Genetika, selektsiia i semenovodstvo kukuruzy	Geografiia v shkole 1967 no 2(491b), 3(1777a), 5(3244b), 6(4123b)
Fizicheskaya kul'tura v shkole 1967 no. 1(49c), 2(485b), 3(941a), 4(1384b), 5(1773a), 6(2158c), 7(2556a), 9(3241a), 10(3515c)	Geodeziia i kartografiia 1965 no. 2(3824a), 3(3824b), 7(3824b), 9(3824b) 1966 no. 9-10(3282b), 11(2208a), 12(1432a) 1967 no 1(1432a), 2(1432b), 3(1823c), 4(2208a), 5(2208b), 6(3282b), 7-8(3282c), 11(4155b)	Geokhimia 1961 no. 10(493b), 11(493c) 1964 no 9(2165c) 1967 no 1(946b), 2(1778c), 3(2038b), 4(2550c), 5(1265c), 6(2038b), 7(3241c), 8(3781c), 10(3782a)
Fizika gorontia i vzryva 1966 no 3(83c) 1967 v. 3, no 1(3536a)	Geodeziia, kartografiia i aerofoto"emka 1966 no 4(2045c), 5(3245b)	Geologicheskii sbornik 1966 no 10(1245b)
Fizika i khimiia obrabotki materialov 1967 no 1(3828b)	Geofizicheskaya apparatura 1965 no 23(2165a), 26(1778a) 1966 no 20(1777c), 27(1778b), 28-29(2105b) 1967 no 31(1778b), 32(2038a)	Geologicheskoe obshchestvo Gruzii Izvestiia 1967 v. 5, no. 1(3244c)
Fizika i tekhnika poluprovodnikov 1967 v. 1, no 1-2(1804b), 3(1804c), 4(1805a), 5(2585b), 6(3263c), 7(2958b)	Geofizicheskii sbornik see Akademiia nauk URSS, Kiev. Geofizicheskii sbornik	Geologichnyi zhurnal 1969 v. 10, no 6(493c) 1969 v. 20, no. 6(1778c) 1961 v. 21, no 1-2(194a) 1966 v. 26, no. 6(1121c) 1967 v. 27, no 1(2580a), 2(3519c), 3(2938c), 4(3245a), 5(3782a)
Fizika metallov i metallavedenie 1966 v. 22, no. 4(507a), 6(507b) 1967 v. 23, no 1(1021c), 2(1460a), 3(1849a), 4(1849b), 5(2633b), 6(2998b) v. 21, no 1(2998c), 2(3300a), 3(3840a)	Geofizika i astronomiia see Akademiia nauk URSS, Kiev. Mezhdunarodnyi geofizicheskii komitet. Geofizika i astronomiia, Informatsionnyi biulleten'	Geologiya i geofizika 1963 no. 9(59b), 11(59b) 1965 no. 9(59c) 1966 no. 9(60a), 12(1779a) 1967 no 1(1779a), 2(2560a), 3(2938c), 4(2928a), 5(3782b), 6(3782c)
Fizika tverdogo tela 1966 v. 8, no 7(84a), 11(516c) 1967 v. 9, no. 1(960b), 2(987a), 3(1805b), 4(1808a), 5(2585c), 6(3264a), 7(3264c), 8(3265a), 10(4140c)	Geograficheskoe obshchestvo SSSR Izvestiia 1966 v. 98, no. 5(944c), 6(491a) 1967 v. 99, no. 1(944c), 2(1777a), 3(4123a)	Geologiya i geokhimia goruchikh iskopnykh 1967 no. 9(3754c), 10(2528a), 11(2528b), 12(2530b), 13(2528c)
Fizika v shkole 1967 v. 27, no 1(84b), 2(412b), 3(2185a), 5(3804a)	Geograficheskoe obshchestvo SSSR. Altalskii otdel Izvestiia 1963 no. 3(57a)	Geologiya mestorozhdenii iedkikh elementov 1959 no. 4(946b)
Fizika v riiazii'fat tadrisi; metodik mag'alilar majmuasi 1966 no. 3(3777a)	Geograficheskoe obshchestvo SSSR. Fenologicheskii sektor Doklady 1966 no. 2(2588c)	Geologiya nefli i gaza 1966 v. 10, no. 11(437a), 12(587c) 1967 v. 11, no. 1(1022a), 2(1022b), 3(1849c), 4-5(2235b), 6(4179c), 7(2099a), 8(3850a), 9(3850b), 10(4179c)
Fiziko-khimicheskaya mekhanika materialov 1966 v. 2, no 6(1015a) 1967 v. 3, no. 1(1845b), 2(2226a), 3(3564a), 4(4174b)	Geograficheskoe obshchestvo SSSR, Kirgizskii filial Izvestiia 1966 no. 2(945a)	Geologiya rudnykh mestorozhdenii 1966 v. 8, no. 6(137a) 1967 v. 9, no. 1(1460c), 2(1850a), 3(2090a), 4(3300b), 5(4180a)
Fiziko-tekhnicheskii problemi razrabotki poleznykh iskopaemykh 1967 no 1(2234c), 2(3849c), 3(3560b), 4(3849c)	Geograficheskoe obshchestvo SSSR. Komissia po landshaftnym issledovaniyam i kartografirovaniu Doklady 1965 no. 1(2162c)	Geomagnelizm i aeronomiia 1966 v. 8, no 6(84b) 1967 v. 7, no. 1(2185a), 2(1800b), 3(3265c), 4(3266a), 5(3804a)
Fiziologicheskii zhurnal SSSR 1962 v. 48, no. 7(1790a), 10(69b) 1963 v. 49, no. 3(505c), 10(1790a) 1966 v. 52, no. 11(505c), 12(506a) 1967 v. 53, no. 1(1398c), 2(953c), 3-4(1790b), 5(2172b), 6(2945c), 7(3523b), 8(3252b), 9-10(3792c), 11(4126c)		Geotektonika 1967 no 1(946c), 2(1779b), 3(2560b), 4(2038a), 5(3782c)

1966 v. 21, no. 62(55a)
1967 v. 22, no. 63(543a), 64(2557c),
65(3517c), 66(4122a)

Grazhdanskaya aviatsiya
1955 v. 12, no. 10(542c)
1962 v. 19, no. 1(996a), 2(542c)
1965 v. 23, no. 8(4163c), 11(4136a),
12(996a)
1967 v. 24, no. 1(4136a), 2(996a),
4(2131a), 5(4163c), 6(4164a),
7(2980a)

Grozny. Checheno-Ingushskiy nauchno-issledovatel'skiy institut istorii, iazyka i literatury
Izvestiya
1965 v. 6, no. 1(2542c)

Grozny. Groznen'skiy naftnoi nauchno-issledovatel'skiy institut
Trudy
1966 no. 20(2632b)

Grudnaya khirurgiya
1967 v. 9, no. 1(520c), 3(2980c),
5(3816b)

Hofas tsarkvy
1966 v. 12, no. 24(472b)
1967 no. 25(371c)

Holos Spasytelia
1966 v. 38, no. 6(472b), 10-12(37a)
1967 v. 39, no. 1(472b), 2(37a),
5(371c), 6(701a), 10(3610a)

Hominy Ukrainy. Biblioteka see Biblioteka
v. 6, no. "Hominy Ukrainy"

IAdernaya fizika
1966 v. 4, no. 5(84c), 6(887c)
1967 v. 5, no. 3(806c), 4(807a),
5(2185c), 6(2580b),
v. 6, no. 2(3260b), 3(4141b),
4(4141c)

Igavesed eostasod
1967 no. 4(2911b)

Indiya
[1966] no. 5(460a)

Infektsionnye zabolovaniya kul'turnykh
rasteniy Moldavi
1966 no. 6(3281a)

Informatsiya o biblioteknom dele i bibliografii za iubezhom, sbornik materialov
1966 no. 4-6(470c)
1967 no. 1(760b), 2(2547b), 3(3766b)

Informatsionnye materialy po gidro-meteorologicheskim priboram i metodam
nabludeniy
1966 no. 27(3804c)

Informatsionnyi biulleten' novykh inostrannykh knig, postupyvshikh v Biblioteku imeni V. I. Lenina see Moscow Publichnaia biblioteka Informatsionnyi biulleten' novykh inostrannykh knig, postupyvshikh v Biblioteku imeni V. I. Lenina.

Informatsionnyi biulleten' po obмену opytom raboty mestnykh sovetov deputatov trudiaschikh i za iubezhom, sbornik materialov
1966 no. 4-6(470c)
1967 no. 1(760b), 2(2547b), 3(3766b)

Informatsionnyi biulleten' Sovetskoi antarkticheskoi ekspeditsii see Sovetskaya antarkticheskaya ekspeditsiya Informatsionnyi biulleten'

Informatsionnyi biulleten' TSentral'nogo Komiteta Mongol'skoi narodnoi revoliutsionnoi partii see Mongol'skaya narodno-revoliutsionnaya partiia TSentral'nyi Komitet Informatsionnyi biulleten'

Informatsionnyi biulleten' Vystavki dostizhenii narodnogo khoziaistva SSSR see Moscow Vystavka dostizhenii narodnogo khoziaistva SSSR Informatsionnyi biulleten'

Informatsionnyi sbornik Nauchno-issledovatel'skogo instituta geologii Arktiki see Leningrad Nauchno-issledovatel'skiy institut geologii Arktiki Informatsionnyi sbornik

Informatsionnyi sbornik o rabotakh po Mezhdunarodnomu geofizicheskomu godu see Moscow Universitet, Geograficheskii fakul'tet, Informatsionnyi sbornik o rabotakh po Mezhdunarodnomu geofizicheskomu godu

Informatsionnyi sbornik TSentral'nogo nauchno-issledovatel'skogo instituta morskogo flota see Leningrad, TSentral'nyi nauchno-issledovatel'skiy institut morskogo flota Informatsionnyi sbornik

Informatsionnyi ukazatel' bibliotek skikh spisokov i katalogov, ukazatel' bibliotekami Sovetskogo Soyuza
1966 v. 10, no. 0(106a)
1967 v. 11, no. 1-2(31a), 3(41a),
5(924a), 6(760a),
9(1760a), 10-11(113a),
13(3232c), 14(2101a),
18(3232c), 19(2101a),
23(3764c)

Informatsionnyi ukazatel' aviatyrov
1966 v. 27, no. 1(1010a)
1967 v. 28, no. 1(1010a), 2(1010a),
3-5(2608a), 6-10(1010a),
9(3548c)

Inostrannaya literatura

1966 no. 12(55a)
1967 no. 1(55a), 2(643a),
4(775a), 5-6(255a),
8(3243a), 9(3147a)

Inostrannyye iazyki v shkole

1966 no. 6(53c)
1967 no. 1(407c), 2(4101a),
4(2934c), 5(3516a)

Inostrannyye iazyki v vysshem shkol'e
1966 no. 3(2100b)

Inozemna filologiya

1967 no. 1(487c)

Institut zur Erforschung der USSR see Institut
Spisok novykh postupivshikh knig
1967 no. 78(2546c)

International Congress on Anthropological Sciences 7th, Moscow, 1964
Papers
1964 no. 20(446c), 21(441a)

Inzhener-montazhnik metallur. i obratovaniia
1967 no. 1(3493b)

Inzhenernaya geodeziya

1965 no. 1(2006b)
1966 no. 2(3283a)

Inzhenerno-fizicheskiy zhurnal

1966 v. 11, no. 4(2601a),
6(530b)
1967 v. 12, no. 1(570a),
3(4133a), 4(2900a),
6(2970a),
v. 13, no. 3(4150a)

Ionosfernye issledovaniya na 44-
SSSR. Mezhdunarodnyy geofizicheskiy
Ionosfernye issledovaniya

Irkutsk. Gosudarstvennyi pedagogicheskii
Uchenye zapiski
1964 no. 20(756a)

Irkutsk. Institut narodnogo khoziaistva
Trudy
1966 no. 1(475b)

Irkutsk. Politehnicheskii institut
Nauchnye trudy (Trudy)
1964 no. 23, pt. 1 (3283b)
1966 no. 26(2608a)

Irkutsk. Sel'skokhoziaistvennyi institut
Izvestiya
1962 no. 24(511b)

Irkutsk. Universitet
Trudy
1954 v. 10(2542c)
1956 v. 16(4103b)
1958 v. 21(3230c), 23, no. 1(4111a),
26, no. 1(2130)
1964 v. 33, no. 4(2130a)
1965 v. 38, no. 4(4165c), 39, no. 7, pt. 2 (2130a)

Irkutsk. Universitet. Biologo-geograficheskii
issledovatel'skiy institut
Izvestiya
1965 v. 18, no. 1/2(60a)

Irkutsk. Universitet. Nauchnaya biblioteka
Trudy
1966 no. 17(3704c)

Iskorka
1966 v. 10, no. 2(480a)

Iskusstvo
1966 v. 28, no. 10-11(61b), 12 (41a),
1967 v. 30, no. 1(041c), 2(131a),
3(774c), 5(2034b), 6(3242b),
8(3242b), 9(3777c)

Iskusstvo Azerbaidzhana

1963 no. 9(2150c)

Kazakhstan mektebi see Qazaqstan mektebi

Kazan Aviatsonnyy institut
Trudy
1965 no 87(436b), 88-89(998b), 91(4161a)

Kazan Gosudarstvennyi pedagogicheskii institut
Trudy
1965 no 2(3762b)

Kazan Universitet
Uchenye zapiski
1966 v 124, no 10(750b)
1966 v 125, no 8(756b)

Kazan Veterinarnyi institut
Uchenye zapiski
1965 v 95(4157a)

Kazan' v istorii russkoi literatury
1965 no 1(1775a)

Kazanskii meditsinskii zhurnal
1967 no 1(521a), 2(971a), 3(2190c),
4(2961c), 5(3809c), 6(4148b)

Keei ja kirjandus
1967 v 10, no 1(53c), 2-3(188a),
4(1386b), 6(774c), 7-8(2557a),
9(3817a), 10(3242c), 11-12(3778b)

Kehalultuur
1967 v 28, no 1(49c), 2-5(485b),
6-8(384b), 9-10(773a), 11-13(2158c),
14(2550a), 15-16(2934a),
17-18(3241a), 19-20(3515c),
21(3777a), 22(4120a)

Kemerovo Gosudarstvennyi pedagogicheskii institut
Uchenye zapiski
1965 no 9(3762b)

Kemerovo Mezhdunarodnoi nauchno-issledovatel'skii
institut po avtomatizatsii i mekhanizatsii mashino-
stroeniia
Trudy
1963 no 1(843b)

Kerch Azovo-Chernomorski nauchno-issledovatel'skii
institut morskogo rybnogo khoziaistva i okeanografi
Trudy
1955 no 16(2602c)
1958 no 17(2602c)
1966 no 24(427c)

Kharchova promyslovist'
1966 no 3(3841a)
1967 no 1(1010c), 2(1839c), 3(2624a),
4(2885c), 5(4172a), 6(4172b)

Kharkov. Institut inzhenerov zailznychnoho transportu
Trudy (Nauchnye trudy)
1961 no 47(1015b)

Kharkov Meditsynnyi institut
Trudy
1965 no 65(3810a)

Kharkov. Sil'skokhospodars'kii institut
Trudy
1966 v 48(2971c), 54(2199a), 55(631c),
56(532a), 57(818a)

Kharkov Ukrains'kii naukovo-doslidnyi institut
metalliv
Zhurnal trudov
1964 no 10(2832c)

Kharkov. Universitet
Uchenye zapiski
1962 v. 131(756c)
1963 v. 133(2821a)

Kharkov. Universitet
Vestnik
1966 v. 14(3231a)

Kharkov Universitet. Astronomicheskaya observatoriia
TSirkuliar
1958 no 19(850b)

Khimicheskaya informatsiia; sistemati-
cheskii ukazatel' statel v inostrannykh
zhurnalakh
1967 no 1-2(958c), 3-4(4101c), 5(1700a),
6(2178a), 7(2573a), 8(3256a),
9(3528c), 11(4132a)

Khimicheskaya promyshlennost'
1966 v. 42, no 11(2214b), 12(214c), 9(2214b),
1967 v. 43, no 1(437b), 2(1828c), 3(1835b),
3(437c), 4-5(1828a), 6(2013b),
7(2985b), 8(3820a), 9(3829b),
10(4164c)

Khimicheskaya promyshlennost'. Riga
1966 no. 1(359c)

Khimicheskaya promyshlennost' (Leningrad)
1966 no 5(2215a), 6(1561a),
1967 no. 1(437c), 2(1114a), 3(1114a),
4(3829c), 5(1561a)

Khimicheskaya tekhnologiya
1966 no 4(1829b), 5(1561a)

Khimicheskie produkty i otkrytiia
Vostoka SSSR
1965 no 3(1022c)

Khimicheskie volokna
1967 v 9, no 3(2814a), 1(1561a)

Khimicheskoe i neftekhimicheskoe
1966 no 3(997b), 5(1124a), 6(1124a),
1966 no 2(997b), 6(1124a), 12(1124a),
10-11(998b), 12(1124a),
1967 no. 1-2(1099a), 3(1124a), 4(1124a),
5(2985b), 6(1124a), 7(1124a),
8(3829c), 9(1124a)

Khimicheskoe mashinostroeniie
1966 no 3(3830a), 1(1124a)

Khimicheskaya promyslovost' i
promyslovost' Ukrainy
1966 no 3(3552c), 3(2011a)

Khimicheskaya promyslovost' Ukrainy
1962 no 3(151a), 3(151a),
1965 no. 3(3552c), 3(2011a),
1966 no 1(3830b), 3(2011a)

Khimiiia geterotitsicheskii
1966 no 6(75c), 2(1124a), 3(1124a),
1967 no 1(1124a), 2(1124a), 3(1124a),
4(3256a), 5(1124a)

Khimiiia i tekhnologiya polimerov
pererabotki i obzora i izobrazheniia
periodicheskoi literatury
1965 v 9, no 1(1124a),
1966 v 10, no 1(1124a)

Khimiiia i tekhnologiya drevnitsy
1966 v 11, no 12(115c), 1(1124a),
1967 v 12, no 1(1124a), 2(1124a), 3(1124a),
4(1124a), 5(1124a), 6(1124a),
7(2801c), 8(1124a)

Khimiiia i zhizn'
1967 v 3, no 1(1124a), 2(1124a),
3(1124a), 4(1124a), 5(1124a),
6(1124a), 7(1124a), 8(1124a),
9(1124a), 10(1124a), 11(1124a),
12(1124a)

Khimiiia prirodnykh soedinenii
1966 no 5(76a), 6(1124a),
1967 no. 3(2573b), 4(1124a)

Khimiiia tverdogo topliva
1967 no. 1(2001a), 2(1124a),
3(1124a)

Khimiiia v sel'skom khoziaistve
1966 v. 4, no 12(1124a),
1967 v. 5, no 1(1124a), 2(1124a),
3(1124a), 4(1124a), 5(1124a),
6(1124a), 7(1124a), 8(1124a),
9(1124a), 10(1124a), 11(1124a),
12(1124a)

Khimiiia v shkole
1967 v 22, no 1(76a), 2(1124a),
3(1124a), 4(1124a)

Khimiiia v vuzakh
1966 no. 3(453b)

Khimiiia vysokikh energii
1967 v. 1, no 1(76a), 2(1124a),
3(1124a), 4(1124a)

Khimiko-farmatsevticheskii zhurnal
1967 v. 1, no. 2(2001a)

Khimik. Tsentral'nyi nauchno-issledovatel'skii
mekhanizatsii i energetiki lennoproekt
Trudy
1966 no 68-60(537b), 73-74(2601a),
1966 no 70(2605b)

Khirurgiia
1962 v 28, no. 11(530a),
1963 v. 30, no 12(102a),
1964 v. 42, no 10(1071a),
1967 v. 43, no. 3(1124a), 4(1124a),
5(2599a), 9-10(3543b)

Khibopokarnata i konditernkata i
myshlennost'
1963 v. 7, no. 6(2224c),
1964 v. 10, no. 12(557a),
1966 v. 11, no 1(537c), 2(1124a),
3(451c), 4(1124a), 5(1124a),
6(2024b), 7(3294c), 8(1124a),
9(3501b), 10(3611b)

Kazakhstan mektebi see Qazaqstan mektebi

Kazan Aviatsonnyy institut
Trudy
1965 no 87(436b), 88-89(998b), 91(4161a)

Kazan Gosudarstvennyi pedagogicheskii institut
Trudy
1965 no 2(3762b)

Kazan Universitet
Uchenye zapiski
1966 v 124, no 10(750b)
1966 v 125, no 8(756b)

Kazan Veterinarnyi institut
Uchenye zapiski
1965 v 95(4157a)

Kazan' v istorii russkoi literatury
1965 no 1(1775a)

Kazanskii meditsinskii zhurnal
1967 no 1(521a), 2(971a), 3(2190c),
4(2961c), 5(3809c), 6(4148b)

Keei ja kirjandus
1967 v 10, no 1(53c), 2-3(188a),
4(1386b), 6(774c), 7-8(2557a),
9(3817a), 10(3242c), 11-12(3778b)

Kehalultuur
1967 v 28, no 1(49c), 2-5(485b),
6-8(384b), 9-10(773a), 11-13(2158c),
14(2550a), 15-16(2934a),
17-18(3241a), 19-20(3515c),
21(3777a), 22(4120a)

Kemerovo Gosudarstvennyi pedagogicheskii institut
Uchenye zapiski
1965 no 9(3762b)

Kemerovo Mezhdunarodnoi nauchno-issledovatel'skii
institut po avtomatizatsii i mekhanizatsii mashino-
stroeniia
Trudy
1963 no 1(843b)

Kerch Azovo-Chernomorski nauchno-issledovatel'skii
institut morskogo rybnogo khoziaistva i okeanografi
Trudy
1955 no 16(2602c)
1958 no 17(2602c)
1966 no 24(427c)

Kharchova promyslovist'
1966 no 3(3841a)
1967 no 1(1010c), 2(1839c), 3(2624a),
4(2885c), 5(4172a), 6(4172b)

Kharkov. Institut inzhenerov zailznychnoho transportu
Trudy (Nauchnye trudy)
1961 no 47(1015b)

Kharkov Meditsynnyi institut
Trudy
1965 no 65(3810a)

Kharkov. Sil'skokhospodars'kii institut
Trudy
1966 v 48(2971c), 54(2199a), 55(631c),
56(532a), 57(818a)

Kharkov Ukrains'kii naukovo-doslidnyi institut
metalliv
Zhurnal trudov
1964 no 10(2832c)

Kharkov. Universitet
Uchenye zapiski
1962 v. 131(756c)
1963 v. 133(2821a)

Kharkov. Universitet
Vestnik
1966 v. 14(3231a)

Kharkov Universitet. Astronomicheskaya observatoriia
TSirkuliar
1958 no 19(850b)

Khimicheskaya informatsiia; sistemati-
cheskii ukazatel' statel v inostrannykh
zhurnalakh
1967 no 1-2(958c), 3-4(4101c), 5(1700a),
6(2178a), 7(2573a), 8(3256a),
9(3528c), 11(4132a)

Khimicheskaya promyshlennost'
1966 v. 42, no 11(2214b), 12(214c), 9(2214b),
1967 v. 43, no 1(437b), 2(1828c), 3(1835b),
3(437c), 4-5(1828a), 6(2013b),
7(2985b), 8(3820a), 9(3829b),
10(4164c)

Khimicheskaya promyshlennost'. Riga
1966 no. 1(359c)

Khimicheskaya promyshlennost' (Leningrad)
1966 no 5(2215a), 6(1561a),
1967 no. 1(437c), 2(1114a), 3(1114a),
4(3829c), 5(1561a)

Khimicheskaya tekhnologiya
1966 no 4(1829b), 5(1561a)

Khimicheskie produkty i otkrytiia
Vostoka SSSR
1965 no 3(1022c)

Khimicheskie volokna
1967 v 9, no 3(2814a), 1(1561a)

Khimicheskoe i neftekhimicheskoe
1966 no 3(997b), 5(1124a), 6(1124a),
1966 no 2(997b), 6(1124a), 12(1124a),
10-11(998b), 12(1124a),
1967 no. 1-2(1099a), 3(1124a), 4(1124a),
5(2985b), 6(1124a), 7(1124a),
8(3829c), 9(1124a)

Khimicheskoe mashinostroeniie
1966 no 3(3830a), 1(1124a)

Khimicheskaya promyslovost' i
promyslovost' Ukrainy
1966 no 3(3552c), 3(2011a)

Khimicheskaya promyslovost' Ukrainy
1962 no 3(151a), 3(151a),
1965 no. 3(3552c), 3(2011a),
1966 no 1(3830b), 3(2011a)

Khimiiia geterotitsicheskii
1966 no 6(75c), 2(1124a), 3(1124a),
1967 no 1(1124a), 2(1124a), 3(1124a),
4(3256a), 5(1124a)

Khimiiia i tekhnologiya polimerov
pererabotki i obzora i izobrazheniia
periodicheskoi literatury
1965 v 9, no 1(1124a),
1966 v 10, no 1(1124a)

Khimiiia i tekhnologiya drevnitsy
1966 v 11, no 12(115c), 1(1124a),
1967 v 12, no 1(1124a), 2(1124a), 3(1124a),
4(1124a), 5(1124a), 6(1124a),
7(2801c), 8(1124a)

Khimiiia i zhizn'
1967 v 3, no 1(1124a), 2(1124a),
3(1124a), 4(1124a), 5(1124a),
6(1124a), 7(1124a), 8(1124a),
9(1124a), 10(1124a), 11(1124a),
12(1124a)

Khimiiia prirodnykh soedinenii
1966 no 5(76a), 6(1124a),
1967 no. 3(2573b), 4(1124a)

Khimiiia tverdogo topliva
1967 no. 1(2001a), 2(1124a),
3(1124a)

Khimiiia v sel'skom khoziaistve
1966 v. 4, no 12(1124a),
1967 v. 5, no 1(1124a), 2(1124a),
3(1124a), 4(1124a), 5(1124a),
6(1124a), 7(1124a), 8(1124a),
9(1124a), 10(1124a), 11(1124a),
12(1124a)

Khimiiia v shkole
1967 v 22, no 1(76a), 2(1124a),
3(1124a), 4(1124a)

Khimiiia v vuzakh
1966 no. 3(453b)

Khimiiia vysokikh energii
1967 v. 1, no 1(76a), 2(1124a),
3(1124a), 4(1124a)

Khimiko-farmatsevticheskii zhurnal
1967 v. 1, no. 2(2001a)

Khimik. Tsentral'nyi nauchno-issledovatel'skii
mekhanizatsii i energetiki lennoproekt
Trudy
1966 no 68-60(537b), 73-74(2601a),
1966 no 70(2605b)

Khirurgiia
1962 v 28, no. 11(530a),
1963 v. 30, no 12(102a),
1964 v. 42, no 10(1071a),
1967 v. 43, no. 3(1124a), 4(1124a),
5(2599a), 9-10(3543b)

Khibopokarnata i konditernkata i
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1963 v. 7, no. 6(2224c),
1964 v. 10, no. 12(557a),
1966 v. 11, no 1(537c), 2(1124a),
3(451c), 4(1124a), 5(1124a),
6(2024b), 7(3294c), 8(1124a),
9(3501b), 10(3611b)

Khliborob Ukrainy
1967 v. 23, no. 5 (181b), 9 (3276c), 10 (3544a), 11 (4155b)

Khlopkovodstvo
1951 v. 1, no. 11-12 (1987b)
1955 v. 18, no. 1 (2204b), 3-7 (2204b), 11-12 (3821e)
1957 v. 17, no. 1 (2204b), 3-7 (2204b), 11-12 (3821e)

Kholodil'naya tekhnika
1962 v. 39, no. 3 (115c)
1966 v. 43, no. 11 (544b), 12 (514c)
1967 v. 44, no. 1 (999b), 2 (1009c), 3 (1439b), 4 (1830a), 5 (2215b), 6 (2615b), 7 (3288a), 8 (3553b), 9 (3553b), 10 (3831a)

Kholodil'naya tekhnika i tekhnologiya
1965 no. 2 (999c), 3 (2982a)
1967 no. 4 (2615b)

Khorpushtak
1966 no. 22-24 (33c)
1967 no. 1-3 (469a), 4 (923b), 5-7 (1368b), 8 (1759b), 9 (2142c), 11-12 (2545c), 13 (2923a), 14 (3508c), 15-17 (3232a), 19/20 (3764a)

Khotugu sulus
1967 no. 1 (55a), 2 (943a), 3 (2161b), 4 (2557c), 6 (4122a)

Khrystians'ka biblioteka vydav "Vira"
1966 no. 7 (1b)

Khudozhnik
1967 v. 9, no. 1-2 (469a), 3 (911c), 4 (1385b), 5 (1774c), 6 (2160a), 7 (2567a), 8 (2934c), 9 (3212b), 10 (3516c), 11 (4121a)

Kibernetika
1966 no. 5 (513c), 6 (82a)
1967 no. 2 (1802b), 3 (2580c), 4 (3801b)

Kibernetika v monografiakh
1967 no. 2 (3750b)

Kiev. Gosudarstvennyi nauchno-issledovatel'skii i projektnyi institut ugol'noi, rudnoi, neflanoi i gazovoi promyshlennosti "Ukntilproekt"
Nauchnye zapiski
1961 no. 6 (1460c)

Kiev. Politekhichnyi instytut
Vestnik Seriya Avtomatiki, elektroprilozheniya i radioelektroniki
1964 no. 1 (1008a)

Kiev. Politekhichnyi instytut
Vestnik Seriya khimicheskogo mashinostroyeniya i tekhnologii
1966 no. 1 (1000a)

Kiev. Politekhichnyi instytut
Vestnik Seriya teploenergetiki
1964 no. 1 (1015b)

Kiev. Ukrainskii nauchno-issledovatel'skii geologorazvedochnyi institut
Trudy
1963 no. 3 (3300c)
1965 no. 13 (2990c)

Kiev. Ukrainskii nauchno-issledovatel'skii gidro meteorologicheskii institut
Trudy
1966 no. 53 (88a), 54 (868a), 57 (1412b), 58 (1807b), 61 (1807c), 62 (2186a), 64 (3530a)
1967 no. 65 (3530b), 66 (2958c), 67 (3536b)

Kiev. Ukrainskii nauchno-issledovatel'skii institut khozovenno-obuvnoi promyshlennosti
Nauchno-issledovatel'skie trudy
1965 no. 15 (1840a)

Kiev. Ukrainskii nauchno-issledovatel'skii institut spritovoi i likerno-vodochnoi promyshlennosti
Trudy
1965 no. 10 (2015c)

Kiev. Ukrainskii nauchno-issledovatel'skii institut Sbornik trudov
1965 no. 7 (16a), 9 (3288a)
1967 no. 8 (3288b)

Kiev. Universitet
Naukovi zapysky
1959 v. 18, no. 1 (466a)

Kiev. Universitet
Visnyk Seriya matematyky ta mekhaniky
1965 no. 7 (2956b)

Kiev. Vsesoiuznyi nauchno-issledovatel'skii institut sakharnoi promyshlennosti
Trudy
1964 no. 10 (2982b)
1966 no. 13 (2215b)

Kinetika i kataliz
1966 v. 7, no. 5 (960a), 6 (5101a)
1967 v. 8, no. 1 (162a), 2 (178b), 3 (3529c)

Kinomekhanik
1967 no. 1 (50b), 2 (485c), 3 (941a), 4 (1385a), 5 (1773b), 6 (2150a), 7 (2556c), 8 (2934a), 9 (3241b), 10 (3516a), 11-12 (4120b)

Kiiv. Sel'skokhoziaistvennyi institut
Trudy
1966 v. 19, no. 35 (3544a), 36 (2971c), 38 (3818a)

Kishinev. Moldavskii nauchno-issledovatel'skii institut sadovodstva, vinogradarstva i vinnodeliya
Trudy
1966 v. 12 (2606b)

Kishinev. Politekhicheskii institut
Trudy
1967 no. 6 (3283b)

Kishinev. Sel'skokhoziaistvennyi institut im. M. V. Frunze
Trudy
1966 v. 40 (3276c), 47 (1818b)

Kishinev. Universitet
Uchenye zapiski
1964 v. 74 (2543a)
1965 v. 80 (1367b), 86 (2543a)
1966 v. 86 (2543a)

Kitai
1966 no. 9 (33c)
1967 no. 1-2 (469a), 3 (2923a), 4 (1759b), 7 (2545c), 8 (2623a), 9 (3508c), 10 (3764a), 11 (4105a)

Klinicheskaya khirurgiya
1967 no. 1 (422c), 2 (979a), 3 (2108a), 4 (2590b), 6 (2590c), 7 (2970a), 8 (3274c), 9 (3816c), 10 (4154a)

Klinicheskaya meditsina
1965 v. 46, no. 8 (2190c), 11-12 (2190c)
1966 v. 47, no. 1 (2190c), 4 (2190c)
1967 v. 48, no. 1 (90a), 2 (521a), 2 (521a), 3 (2591c), 5-8 (2591c), 9-10 (3268c), 11 (3810b), 12 (4148c)

Klinicheskaya onkologiya
1965 no. 1 (98b)

Klub i khudozhestvennaya samodeyatelnost'
1967 v. 10/17, no. 2 (51a), 3-4 (185c), 5-6 (941b), 7-8 (1385b), 9 (1774b), 10 (2150c), 11-12 (2557a), 15 (2934b), 16-17 (3242a), 18-19 (3516c), 20-21 (3777c), 23 (4121a)

Kniga; issledovaniya i materialy
1961 v. 4 (470c)

Knizhnaya letopis'
1967 no. 2-5 (34c), 6-7 (469c), 10-14 (624a), 16 (924a), 17-20 (1370a), 21 (1780a), 24-28 (2143b), 29-32 (2546c), 33-34 (2923c), 35 (3232c), 36-38 (2923c), 39 (3232c), 41-45 (3509b), 46-47 (4105c), 48-51 (4105c)

Vspomogatel'nye ukazateli k nos. 40-52 za 1966 g. (924a)

Vspomogatel'nye ukazateli k nos. 1-13 za 1967 g. (2546c)

Vspomogatel'nye ukazateli k nos. 14-26 za 1967 g. (3509b)

Vspomogatel'nye ukazateli k nos. 27-39 za 1967 g. (4105c)

Knizhnaya letopis'. Dopolnitel'nyi vypusk
1966 no. 12 (469c)
1967 no. 2 (924a), 3 (1370a), 4 (2143b), 6-7 (2923c), 8-9 (4105c)

Ukazatel' serinykh izdenii za 1966 g. (3232c)

Vspomogatel'nye ukazateli k nos. 10-12 za 1966 g. (1370a)

Vspomogatel'nye ukazateli k nos. 1-3 za 1967 g. (2143b)

Vspomogatel'nye ukazateli k nos. 4-6 za 1967 g. (4105c)

Knizhnaya trgovlia
1966 v. 17, no. 11 (471a), 12 (36a)
1967 v. 18, no. 1 (471a), 2-3 (3765b), 6 (3765c), 7 (4108c), 9 (4107a)

Knyzhkova palata Ukrainy'skoi RSR. Derzhavna bibliografiya na Ukrainy 1963-1965, zbirnyk statei
1965 no. 2 (3764c)

Kogumistoo juhend see Titlu. Fr.R. Kreutzwaldi nimelne kirjandusmuuseum Kogumistoo juhend

Kokhozno-sovkhoznoe proizvodstvo Kirgizii
1963 v. 9, no. 12 (2000c)

Koks i khimika
1962 no. 5 (544c), 6 (16a), 7 (545a)
1966 no. 10 (16b), 12 (16b)
1967 no. 2 (1439b), 3 (1830b), 4 (2215c), 5 (2616a), 8 (3531a), 10 (3831b)

Kolkhozno-sovkhoznoe proizvodstvo Azerbaidzhana
1963 v. 12, no. 1 (2000c), 3 (2600c)

Kolloidnyi zhurnal
1961 v. 23, no. 3 (510b)
1962 v. 24, no. 2 (950a)
1966 v. 28, no. 6 (76a)
1967 v. 29, no. 1 (402b), 2 (402c), 3 (2951b), 4 (3767b)

Komarovskie chleniya see Akademiya nauk SSSR Dal'nevostochnyi filial, Vladivostok Komarovskie chleniya

Kommunal'majandus ja elukondlik teenindamine
1967 v. 4, no. 1 (2225a), 2-3 (3561c)

Kommunist
1966 v. 43, no. 18 (44a)
1967 v. 43, no. 1-2 (44b), 3-5 (933b), 6-8 (1787a), 10 (2553b), 11 (3772c), 12 (2928c), 13-14 (3772c), 15 (3514a), 16 (3772c), 17 (4113a)

Kommunist. Frunze
1967 v. 41, no. 2 (479b), 3-4 (1378c), 5 (1787a), 6 (2153a), 9 (3238b), 10 (3773a), 11 (4113a)

Kommunist. Vilnius
1967 no. 1-2 (44a), 3 (470b), 4 (1370c), 5 (1787a), 6 (2153a), 7 (2553b), 8 (2928b), 9 (3238b), 10 (3514a), 12 (3772c)

Kommunist Belorussii
1967 v. 40, no. 1 (44b), 2 (470b), 3 (933b)
v. 41, no. 4 (378a), 6 (8767a), 8-9 (3773a), 10 (4113a), 12 (4113a)

Kommunist Estonii
1967 v. 23, no. 1 (44b), 2 (470b), 3-5 (1370a), 6 (2153a), 7-8 (2553b), 9 (3238b), 10 (3514a), 11-12 (3773a)

Kommunist Moldavii
1967 v. 12, no. 1 (44c), 2-3 (933c), 4 (1370a), 5 (1787a), 6 (2153a), 7 (2553b), 8 (2928c), 9 (3238b), 10 (3514b)

Kommunist Sovetskoi Latvii
1967 v. 22, no. 1 (44c), 2 (470b), 3-5 (1370a), 6 (2153a), 7-8 (2553b), 9 (3238b), 10-11 (3514b)

Kommunisti Tojikiston
1966 v. 31, no. 12 (45a)
1967 v. 32, no. 1-2 (45a), 3 (470b), 4 (1370a), 5 (1787a), 6-7 (2153b), 8-10 (3238c), 11 (3514b), 12 (3773b)

Kommunist Ukrainy
1966 v. 36, no. 9 (470b)
1966 v. 41, no. 12 (44c)
1967 v. 41, no. 1 (44c), 3 (933c), 5 (2153b)
v. 42, no. 7 (2928a), 8 (3238b), 10 (4113b)

Kommunist Uzbekistana
1966 v. 38, no. 12 (45a)
1967 v. 39, no. 1 (45a), 2-3 (934a), 4 (1370a), 5 (1787a), 6-7 (2928a), 8 (3238c), 9-10 (3773b), 11 (4113b)

Kommunisti Vooruzhennykh Sil
1963 v. 3, no. 10 (412b)
1964 v. 5, no. 24 (2245a)
1967 v. 47, no. 1 (577b), 3 (1031b), 4 (1031c), 5-6 (1031b), 7 (1466a), 8 (1867a), 9-11 (2245b), 12 (2245c), 13 (3005c), 14 (3006a), 15 (3850b), 16 (3850a), 20 (3850c)

Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya partinaya shkola. Kafedra sovetskoi ekonomiki
Uchenye zapiski
1964 no. 3 (41b)
1966 no. 4 (1376a)

- Komsomol'skaja zhizn'**
1967 no 1-2(43a), 4-5(478b), 6-8(932c),
9(1378a), 10(1766a), 11-12(2151b),
13-14(2553a), 15-17(2628a),
18-19(3237c), 20(3514a), 22(3771b),
23(4112c)
- Komsomol'skiy (Sverdlov Province) Gidrometeorologicheskaya observatoriya**
Sbornik rabot
1966 no 6(112b), 7(65a)
- Komunisti Ukrainy**
1967 v 41, no 3-4(934a), 1(45a), 2(479c),
v 42, no 8(2553b), 9(2929a), 11(3773c)
- Komunistas**
1963 no 10(934a)
1967 no 1(45a), 2(479c), 3(934a),
5-6(2153b), 7(2929a), 9(2938c),
10(3514b)
- Komunistul Moldavei**
1967 v 12, no 7(2553b), 8(2153b),
9(3796)
- Konseivnaya i ovoscheshchennaya piromyshlennost'**
1962 v 17, no 3(45b)
1966 v 21, no 12(545b)
1967 v 22, no 1(45b), 2(1000b),
3(1439c), 4(1830b), 5(2616a),
6(2616b), 7(2929b), 8(2929c),
9(3553b), 10(3831b), 12(4165c)
- Konstitutsiya i svoystva mineralov**
1966 no 1(3566c)
- Kontrol' kachestva i ispytanie polufabrikatov i gotovoi produktii v kazhevennoi i obuvnoi piromyshlennosti**
1955 no 3(2990a)
- Kontrol'no-izmeitel'naya tekhnika**
1966 no 2(988c), 3(2027a)
- Kontsentratsiya napriazhenii**
1965 no 1(132b)
- Kooperatsor Kazakhstana**
1962 v 5 no 5(2549a), 7-9(2549a)
1964 v 6, 7, no 1-12(2549a)
1965 v 8, no 12(2549a)
1966 v 9, no 12(40a)
1967 v 9, no 1(474a), 2-3(929b),
v 10, no 4(1375a), 5(1763a),
6-7(2549a), 8(2929c), 9(3234b),
10(3510c), 11(4110c)
- Kora vyvetlivanila**
1967 no 9(2560b)
- Koreta**
1967 no 1-3(1750b), 6-7(2546a), 8(2923a),
9-10(3764a)
- Kosmicheskie issledovaniya**
1965 v 3, no 3-4(950b), 5-6(950c)
1966 v 4, no 3-4(951a), 5-6(950c)
1967 v 5, no 1(951c), 2(1767b),
3(2566b), 4(3240c), 5(4125c)
- Kosmicheskie luchy see Akademiya nauk SSSR. Mezhdunarodnyy geofizicheskii komitet. Kosmicheskie luchy**
- Koster**
1967 no 2(469a), 3(623b), 4-5(1369a),
6(2142c), 7(2546a), 8(2923a),
9(3232a), 10-11(3508c), 12(4105b)
- Kostroma. Gosudarstvennyi pedagogicheskii institut**
Uchenye zapiski
1963 no 3(2130b)
- Kozhevenno-obuvnaya piromyshlennost'**
1966 v 8, no 10(4172b), 11-12(558a)
1967 v 9, no 1(3294c), 2(2624c),
3-4(2226a), 6(2990a), 8(3841c),
9(3842a), 10(4172c)
- Kraevedcheskie zapiski Magadanskogo oblastnogo kraevedcheskogo muzeya see Magadan Oblastnoi kraevedcheskii muzej. Kraevedcheskie zapiski**
- Kraevedcheskii sbornik see Geograficheskoe obshchestvo SSSR. Burskiy filial. Kraevedcheskii sbornik**
- Krasnoyarsk. Nauchno-issledovatel'skii institut sel'skogo khozaystva Krasnogo Severa**
Trudy
1966 v 13(2199c)
- Krasnoyarsk. Sibirskii nauchno-issledovatel'skii institut lesnoi promyshlennosti**
Trudy
1966 no 14(2605b)
- Krasnoyarsk. Sibirskii tekhnologicheskii institut**
Trudy
1966 no 38(4174c)
- Kratkie soobshcheniya Instituta etnografii see Akademiya nauk SSSR. Institut etnografii Kratkie soobshcheniya**
- Kratkie soobshcheniya Instituta narodov Azii see Akademiya nauk SSSR. Institut narodov Azii Kratkie soobshcheniya**
- Kratkie soobshcheniya o dokladakh i polevykh issledovaniyakh Instituta arkheologii see Akademiya nauk SSSR. Institut arkheologii Kratkie soobshcheniya o dokladakh i polevykh issledovaniyakh**
- Krest'ianka**
1967 v 45, no 1(101a), 3(532b),
4(981b), 5(1818b), 6(2200a),
v 46, no 7-8(2600c), 9(2972a),
10(3277a), 11(3544a), 12(4155c)
- Kristallografiya**
1961 v 6, no 1(1768a)
1966 v 11, no 6(76b)
1967 v 12, no 5(4132c), 1(950b), 3(2951c)
- Kivori Rog Gosnauudnyi institut**
Sbornik nauchnykh trudov
1963 no 16(2235c)
- Krokodil**
1967 v 45, no 2-4(33c), 6-7(469a),
9-10(923b), 12(1369b), 13(1756b),
14(1369b), 15(2143a), 17-18(2143a)
v 46, no 19-20(2546a), 21(3508c), 22(2923a), 23(3508c),
24-25(2923a), 26-28(3232a),
29-30(3508c), 31(3764a), 32(4105b),
33(3764a)
- Krolikovodstvo i zverovodstvo**
1966 v 9, no 5-6(2603a)
1967 v 10, no 1-4(2603a), 6(3820b)
- Krugozor**
1966 no 4(2025a)
- Krylati**
1966 v 4, no 1(33c), 12(469a)
1967 v 5, no 1(1756b), 5(1368b),
6(7/2546a), 8(3232a), 9(3508c)
- Kryl'ia rodiny**
1966 v 17, no 8(3286a), 9(113c),
10(3286b), 12(2131a)
1967 v 18, no 3-4(1827b), 5(2213a),
6(4164a), 7(2980a), 10(4164b)
- Kuba**
1966 no 6(33c)
- Kuban'**
1967 v 23, no 1-2(489a), 3(943a),
4(387a), 5(2577c)
- Kukuruza**
1968 v 3, no 3(2605b)
1968 v 4, no 1-12(2605b)
1966 v 11, no 8-12(2605b)
1967 v 12, no 1-7(2605b), 8(2977a),
10(3281a), 11(3821c)
- Kul'tura i zhizn'**
1967 v 11, no 1-2(33c), 3(469a),
5(1368b), 6(2143a), 7(2546a),
8-9(2923a), 10(3508c), 11(4105b)
- Kul'turnaya flora SSSR**
1958 no 20(22c)
- Kul'turno-prosvetitel'naya rabota**
1967 v 28, no 1(48b), 2-3(483b),
4(1383b), 5(771a), 6(2166c),
7(2555a), 8(2932a), 9(3241a),
10(3515c), 11(4110b)
- Kulturos barai**
1967 no 3-4(2546a), 5(2923a)
- Kultuur ja elu**
1967 v 10, no 1(33c), 2-3(469a),
4(1369b), 5(1756b), 6(2143a),
7(2546a), 8(2923a), 9(3232a),
10(3508a), 11(4105b)
- Kunst**
1966 no 1(641c), 3(641c)
- Kunst ja Kodu**
1967 no 2(486a)
- Kurgan. Sel'skokhozhaystvennyi institut**
Sbornik nauchnykh rabot
1965 no 9(961b)
- Kursk. Gosudarstvennyi pedagogicheskii institut**
Uchenye zapiski
1966 v 23(1757a)
- Kuybyshev. Gosudarstvennyi institut po prikladnoi i issledovatel'skoi rabote naftedobivayushchey promyshlennosti**
Trudy
1967 no 11(3566c)
- Kuybyshev. Sel'skokhozhaystvennyi institut**
Izvestiya
1966 v 18(4155c)
- Kuznechno-shtampovnoye preizvodstvo**
1960 v 2, no 4(1015c)
1966 v 8, no 10(2627a), 12-13(2627a), 14(2627a),
1967 v 9, no 1-2(1016a), 3(2627a),
4-5(2229b), 6(2627a), 7(2627a),
8(3504a), 9(4175a), 10(4175b),
11(4175b)
- Kyzyl. Tuvinskii nauchno-issledovatel'skii institut yazyka, literatury i istorii**
Uchenye zapiski
1963 no 10(31c)
- Laboratornoye delo**
1967 no 1(98c), 2(977b), 3(425c),
4(421a), 5(2566c), 6(2566c)
- Lakokrasochnye materialy i ikh primeneniye**
1966 no 6(545c)
1967 no 1(439c), 2(1830c), 3(2546a)
- Latvian S S R. Augstaka Padome**
Zinatajs
1966 v 24, no 15(47a), 4(524a)
1967 v 25, no 1-5(462a), 6(327a),
7-10(482a), 11-13(1381c), 14-22(482a),
21-27(2554c), 28-32(2931b),
33-37(3515b)
- Latvijas PSR press hronika Letopis pechati Latvijas SSR**
1966 no 9-11(34c), 12(924a)
1967 no 1-2(1370a), 4(2546c), 5(2923a),
8-9(4105c)
- Vspomogatel'nye ukazateli za 1966 g**
- Latvijas Padomju Socialistiskas Republikas Zinatnu akademijs. Vestis Fizikas un tehniskozinatnu serija**
Izvestija Akademii nauk Latvijas SSR Seria fizicheskikh i tekhnicheskikh nauk
1966 no 1(1807c)
1967 no 1-2(1807c), 3(2958c), 4(3241a)
- Latvijas Padomju Socialistiskas Republikas Zinatnu akademijs. Vestis Kimijas serija**
Izvestija Akademii nauk Latvijas SSR Seria khimicheskaja
1966 no 12(466a)
1967 no 1-2(466a), 3(920a), 4-5(2546a),
6-7(2543a), 8(2923b), 9(3241a)
- Latvijas Padomju Socialistiskas Republikas Zinatnu akademijs. Vestis Kimijas serija**
Izvestija Akademii nauk Latvijas SSR Seria khimicheskaja
1967 no 3(2952a), 4(3530a)
- Latvijas Padomju Socialistiskas Republikas Zinatnu akademijs. Astrofizikas laboratorija. Raksti Trudy Astrofizicheskoi laboratorii Akademii nauk Latvijas SSR**
1966 v 10(787c)
- Latvijas Padomju Socialistiskas Republikas Zinatnu akademijs. Eksperimentalas un klinitiskas medicinas instituts**
Trudy Instituta eksperimental'noi i klinicheskoi meditsiny Akademii nauk Latvijas SSR
1955 no 7, v 3(974a), 8, v 1(974a)
1966 no 11, v 2(974a)
1969 no 21, v 6(974a)
- Latvijas Padomju Socialistiskas Republikas Zinatnu akademijs. Elektronikas un skaitlosanas tehnikas instituts**
Avtomatika i vychislitel'naya tekhnika
1965 v 8(556c)
1966 v 12(1008b), 15(1008b)
- Legkaja atletika**
1967 v 12, no 1(49c), 2-3(1369c),
4(1369c), 5(1773a), 6(2166c),
7(2555a), 8(2934a), 9(3215b),
10(3515c), 11-12(4120a)
- Legkaja promyshlennost'**
1966 no 2(1011b)
- Lehka promyslovist'**
1962 no 2(29c)
1966 no 4(3842b), 6(1011b),
1967 v 8, no 1(3581c), 2(4164b),
3-4(3842b), 5(3842c)

- Leksykologiya ta leksykografiya**
1966 no 2(488)
- Len i konoplia**
1957 v 2, no 12(2204b)
1958 v II, no 9-12(2606b)
1957 v 12, no 1(3821c), 2-7(2606b), 8(2977a), 10(3547b), 11-12(3821c)
- Leningrad. Agrofizicheskii nauchno-issledovatel'skii institut**
Buletten' nauchno-tekhnicheskoi informatsii po agronomicheskoi fizike
1960 no 8/9(532b)
- Leningrad. Arkhticheskii i antarkticheskii nauchno-issledovatel'skii institut**
Trudy
1962 v 252(1389a)
1965 v 277(57b), 280(945b)
1957 v 257(1777b), 278(1777b)
- Leningrad. Elektrotekhnicheskii institut svyazi**
Trudy nauchno-tekhnicheskoi konferentsii LEIS
1965 no 1-2(556c), 3(144a)
1966 no 1(449a), 4(449a)
- Leningrad. Ermitazh Soobshcheniya**
1966 no 27(486a)
- Leningrad. Glavnaya geofizicheskaya observatoriya Solnechnaya radiatsiya i radiatsionnyi balans**
1966 for Nov.-Dec. 1965 (517a)
for Jan. 1966 (1807c)
1967 for Feb. 1966 (968b)
for Mar.-May 1966 (412c)
for June-July 1966 (2186a)
- Leningrad. Glavnaya geofizicheskaya observatoriya**
Trudy
1966 no 184(517a), 186(85b), 189(517b), 192(988b), 194(412c), 195(2586c), 196(968b), 199(517b), 200(412c)
1967 no 203(3804c), 204(3206c), 205(3804c), 206(2586c), 211(4142a), 212(2186a), 217(3805a), 220(3287a)
- Leningrad. Gornyi institut**
Zapiski
1961 v 39, no 3(137c)
1962 v 43, no 2(568b)
1964 v 43, no 3(568b)
1965 v 50, no 1(2236a)
1966 v 50, no 2(438a), 51, no 2(2633a), 52, no 1(2236a)
- Leningrad. Gosudarstvennyi gidrologicheskii institut**
Sbornik rabot po gidrologii
1966 no 6(491b)
1967 no 7(2036b)
- Leningrad. Gosudarstvennyi gidrologicheskii institut**
Trudy
1966 no 135(1389b), 136(945b), 138-139(2163a)
1967 no 140(3518c), 141(2558b), 142(2936c), 144(2036c), 145(3244b), 146(3518c), 148(4123c)
- Leningrad. Gosudarstvennyi institut prikladnoi khimii**
Trudy
1962 no 47(546a)
- Leningrad. Gosudarstvennyi institut usovershenstvovaniya vrachov**
(Trudy)
1962 no 4(521a)
- Leningrad. Gosudarstvennyi nauchno-issledovatel'skii institut gidroliznoi i suflitno-spirtovoi promyshlennosti**
Sbornik trudov
1965 v. 14(546a)
1966 v. 15(1831a)
- Leningrad. Gosudarstvennyi nauchno-issledovatel'skii institut ozernogo i rechnogo rybnogo khozaistva**
Izvestiya
1966 v 61(2203a)
- Leningrad. Gosudarstvennyi nauchno-issledovatel'skii institut ozernogo i rechnogo rybnogo khozaistva Ural'skoe otdelenie**
Trudy
1964 no 10(2875b)
- Leningrad. Gosudarstvennyi nauchno-issledovatel'skii institut ozernogo i rechnogo rybnogo khozaistva Ural'skoe otdelenie**
Trudy
1964 v. 6(1819c)
- Leningrad. Gosudarstvennyi nauchno-issledovatel'skii institut ozernogo i rechnogo rybnogo khozaistva Volgogradskoe otdelenie**
Trudy
1965 v. 1(3548a)
- Leningrad. Gosudarstvennyi nauchno-issledovatel'skii psikhonevrologicheskii institut**
Trudy
1966 v. 34(420a)
- Leningrad. Gosudarstvennyi pedagogicheskii institut im. A. I. Gertsena**
Uchenye zapiski
1960 v 205(920a)
1965 v 260(32a), 273(3231a)
1966 v. 275(920a), 290(2139b), 294(2139c), 297(2139c), 304(920a), 308(2921b)
1967 v 284(2921b), 295(2921b), 355(2543a)
- Leningrad. Institut inzhenerov zheleznodorozhnogo transporta**
Sbornik trudov
1964 no 232(549c)
1965 no 214(1002c)
1966 no 253(2944b)
- Leningrad. Institut inzhenerov zheleznodorozhnogo transporta**
Trudy
1961 no 124(1003a)
- Leningrad. Institut prikladnoi geofiziki**
Trudy
1965 no. 2(3267b), 3(3805c)
- Leningrad. Institut vodnogo transporta**
Trudy
1965 no. 8(442c), 82(443a)
1966 no. 109(4192c)
- Leningrad. Inzhenerno-stroitel'nyi institut**
Sbornik nauchnykh trudov (Sbornik trudov)
1957 no 27(8833c)
1962 no. 36(549c)
- Leningrad. Khimiko-farmatsevticheskii institut**
Trudy
1965 no 18(2803a)
- Leningrad. Leningradskii inzhenerno-ekonomicheskii institut**
Trudy
1966 no 60(989c)
- Leningrad. Lesotekhnicheskaya akademiya**
Trudy
1966 no 103(1011c), 104(2890b)
- Leningrad. Mekhanicheskii institut**
Sbornik trudov
1960 no 15(1843c)
1966 no 55(2220c)
- Leningrad. Nauchno-issledovatel'skii institut geologii Arkiki**
Informatsionnyi sbornik
1959 no. 15(494b)
- Leningrad. Nauchno-issledovatel'skii institut geologii Arkiki**
Trudy
1963 v 133(946c)
1965 v 148(104b)
1966 v 141(390b)
- Leningrad. Nauchno-issledovatel'skii institut geologii Arkiki**
Uchenye zapiski. Seriya "Paleontologiya i biostatistika"
1965 no. 7(947a), 9(3245a), 10(404c)
1966 no 11-13(390b)
- Leningrad. Nauchno-issledovatel'skii institut gidrometeorologicheskogo priborostroeniya**
Sbornik
1966 no. 28(85b), 29(1807c)
- Leningrad. Nauchno-issledovatel'skii institut gidrometeorologicheskogo priborostroeniya**
Trudy
1966 no 15(617c), 16(3267a)
- Leningrad. Nauchno-issledovatel'skii institut lesnogo khozaistva**
Sbornik nauchno-issledovatel'skikh rabot po lesnomu khozaistvu
1963 no 6(537b)
- Leningrad. Nauchno-issledovatel'skii institut posiolanogo toka**
Izvestiya
1966 no 12(1830a)
- Leningrad. Nauchno-issledovatel'skii institut tokov vysokoi chastoty**
Trudy
1966 no. 7(2821c)
- Leningrad. Pediatricheskii meditsinskii institut**
Trudy
1965 no. 32(86c), 37(527b)
- Leningrad. Politekhicheskii institut**
Trudy
1965 no 269(538c)
1966 no 261(111c), 263-284(990a), 265(968b), 266(2207b), 267(1433a), 268(990b), 269-270(1433b), 271(2978c), 273(996c)
1967 no 275(2806c), 276(2207b), 277(2207c), 278(2208a), 280(3824c), 281(2609a), 282(4160b)
- Leningrad. Sanitarно-gigienicheskii meditsinskii institut**
Trudy
1965 v. 81(978c)
- Leningrad. Severnyi nauchno-issledovatel'skii institut gidrotekhniki i melioratsii**
Trudy
1959 no 15-16(981b)
- Leningrad. Severo-zapadnyi nauchno-issledovatel'skii institut sel'skogo khozaistva**
Nauchnye trudy
1966 no 11(532c)
- Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut lesosplava**
Sbornik nauchnykh trudov po lesosplavu
1965 no 5(4428c), 6(986b)
- Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota**
Informatsionnyi sbornik Sudovozhdenie i svyaz'
1965 no. 143(3006c)
1966 no. 155(3006c)
1967 no 164(3006c)
- Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota**
Trudy
1966 no 73(1032a), 74(468c)
1967 no 76(4192c)
- Leningrad. Universitet**
Uchenye zapiski
1960 no. 293(32a)
1961 no 308(920b)
1962 no 325(2139c)
1967 no 327(1757a)
- Leningrad. Universitet**
Vestnik
1966 v. 21, no. 24(920b), 22(466a), 23(466b)
1967 v 22, no. 4(2140a), 5-6(2140b), 7(2140c), 8(2543b), 10(2921c), 12(2872a), 13(3507b), 14(3507c), 15(3762c), 18(3762c), 20(1104a)
- Leningrad. Vsesoiuznyi geologicheskii institut**
Trudy
1962 no. 78(1300b)
1964 no 119(1300b)
1965 no 114(2030b), 125(1770b), 130(2030b), 141, v 2(2166a), 141, v 3(40a)
1967 no. 116(3245a), 120(3530a), 145(2030b)
- Leningrad. Vsesoiuznyi gosudarstvennyi institut nauchno-issledovatel'skikh i prikladnykh rolov ogneupornoj promyshlennosti**
Trudy
1962 no 32(2236a)
- Leningrad. Vsesoiuznyi institut rastenievodstva**
Sbornik trudov aspiantov i molodykh nauchnykh sotrudnikov
1961 no. 2(100b)
- Leningrad. Vsesoiuznyi institut zashchity rastenii**
Trudy
1959 no. 13(1821b)
1966 no. 28(3281a)
- Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut gidrotekhniki**
Izvestiya
1967 v. 83(3555b)
- Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut gornoi geometrii i markshelderskogo dela**
Sbornik
1966 no. 58(1023a), 61(4180c), 65(3850c)
- Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut torfnoi promyshlennosti**
Trudy
1966 no. 25(440a)

Lietuva
1967 m. 1 (33c), 2 (46b), 3-5 (360b), 7 (2143a), 8 (2923a), 9 (3232b), 11 (3764a)

Lietuvio kalbotyros klausimai
1967 m. 9 (3517a)

Lietuvos fizikos rinkinys Litovskii fizicheskii sbornik
1966 m. 6, no. 40 (413a), 2 (65b), 3 (517c)

Lietuvos gyvulininkystės mokslinio tyrimo institutas Dirbu
Trudy Litovskogo nauchno-issledovatel'skogo instituta zhivotnovodstva
1965 m. 8 (3279a)

Lietuvos matematikos rinkinys Litovskii matematicheskii sbornik
1966 m. 6, no. 2-3 (513c), 4 (961c)
1967 m. 7, no. 1 (3533b)

Lietuvos TSR architektūros paminklai
1960 m. 1 (3495b)

Lietuvos TSR aukštųjų mokyklų mokslo darbai Biologija
Nauchnye trudy vysshihkh uchebnykh zavedenii Litovskoi SSR Biologija
1966 m. 6 (791b)

Lietuvos TSR aukštųjų mokyklų mokslo darbai Ekonomika
Uchenye zapiski vysshihkh uchebnykh zavedenii Litovskoi SSR Ekonomika
1965 m. 5, no. 2-3 (3769a)

Lietuvos TSR aukštųjų mokyklų mokslo darbai Elektrotechnika ir automatika
Nauchnye trudy vysshihkh uchebnykh zavedenii Litovskoi SSR Elektrotehnika i avtomatika
1966 m. 2 (3899a)

Lietuvos TSR aukštųjų mokyklų mokslo darbai Filosofija
Uchenye zapiski vysshihkh uchebnykh zavedenii Litovskoi SSR Filosofija
1966 m. 7 (2440b)

Lietuvos TSR aukštųjų mokyklų mokslo darbai Literatura
Nauchnye trudy vysshihkh uchebnykh zavedenii Litovskoi SSR Literatura
1966 m. 9 (489a)
1967 m. 10 (3517c)

Lietuvos TSR aukštųjų mokyklų mokslo darbai Medicina
Nauchnye trudy vysshihkh uchebnykh zavedenii Litovskoi SSR Medicina
1966 m. 7 (874a)

Lietuvos TSR aukštųjų mokyklų mokslo darbai Statyba ir architektura
Nauchnye trudy vysshihkh uchebnykh zavedenii Litovskoi SSR Stroitel'stvo i arkhitektura
1966 m. 5, no. 1 (486c)

Lietuvos TSR aukštųjų mokyklų mokslo darbai Tiesa
Uchenye zapiski vysshihkh uchebnykh zavedenii Litovskoi SSR Pravo
1966 m. 6 (936a)

Lietuvos TSR geografinė draugija. Geodezijos skyrius Darbai
1965 m. 3 (3244b)

Lietuvos TSR Mokslo akademija, Vilna. Darbai, Serija A.
Trudy Akademii nauk Litovskoi SSR.
Serija A.
1966 m. 3 (757a)
1967 m. 1 (2543b), 2 (3763a)

Lietuvos TSR Mokslo akademija, Vilna. Darbai, Serija C.
Trudy Akademii nauk Litovskoi SSR.
Serija C.
1967 m. 1 (2944a), 2 (3788b)

Lietuvos Tarybu Socialistinės Respublikos Aukščiausiosios Tarybos ir Vyriausybės žinios
Lithuanian SSR Lietuvos Tarybu Socialistinės Respublikos Aukščiausiosios Tarybos ir Vyriausybės žinios
1966 m. 1 (558b), 2 (840b), 3 (2824c), 4 (3622a), 5 (4172c)

Lietuvos Tarybu Socialistinės Respublikos Aukščiausiosios Tarybos ir Vyriausybės žinios
Lithuanian SSR Lietuvos Tarybu Socialistinės Respublikos Aukščiausiosios Tarybos ir Vyriausybės žinios
1966 m. 1 (558b), 2 (840b), 3 (2824c), 4 (3622a), 5 (4172c)

Lietuvos TSR Mokslo akademija, Vilna. Darbai, Serija A.
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1967 m. 1 (2543b), 2 (3763a)

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Trudy Akademii nauk Litovskoi SSR.
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1967 m. 1 (2944a), 2 (3788b)

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1966 m. 3 (757a)
1967 m. 1 (2543b), 2 (3763a)

Lietuvos TSR Mokslo akademija, Vilna. Darbai, Serija C.
Trudy Akademii nauk Litovskoi SSR.
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Lietuvos Tarybu Socialistinės Respublikos Aukščiausiosios Tarybos ir Vyriausybės žinios
Lithuanian SSR Lietuvos Tarybu Socialistinės Respublikos Aukščiausiosios Tarybos ir Vyriausybės žinios
1966 m. 1 (558b), 2 (840b), 3 (2824c), 4 (3622a), 5 (4172c)

Lietuvos TSR Mokslo akademija, Vilna. Darbai, Serija A.
Trudy Akademii nauk Litovskoi SSR.
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1966 m. 3 (757a)
1967 m. 1 (2543b), 2 (3763a)

Lietuvos TSR Mokslo akademija, Vilna. Darbai, Serija C.
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1967 m. 1 (2944a), 2 (3788b)

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1967 m. 1 (2543b), 2 (3763a)

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1966 m. 1 (558b), 2 (840b), 3 (2824c), 4 (3622a), 5 (4172c)

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Trudy Akademii nauk Litovskoi SSR.
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1966 m. 3 (757a)
1967 m. 1 (2543b), 2 (3763a)

Lietuvos TSR Mokslo akademija, Vilna. Darbai, Serija C.
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1967 m. 1 (2944a), 2 (3788b)

Lietuvos Tarybu Socialistinės Respublikos Aukščiausiosios Tarybos ir Vyriausybės žinios
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Lietuvos TSR Mokslo akademija, Vilna. Darbai, Serija A.
Trudy Akademii nauk Litovskoi SSR.
Serija A.
1966 m. 3 (757a)
1967 m. 1 (2543b), 2 (3763a)

Lietuvos TSR Mokslo akademija, Vilna. Darbai, Serija C.
Trudy Akademii nauk Litovskoi SSR.
Serija C.
1967 m. 1 (2944a), 2 (3788b)

Lietuvos Tarybu Socialistinės Respublikos Aukščiausiosios Tarybos ir Vyriausybės žinios
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Lietuvos Tarybu Socialistinės Respublikos Aukščiausiosios Tarybos ir Vyriausybės žinios
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1966 m. 1 (558b), 2 (840b), 3 (2824c), 4 (3622a), 5 (4172c)

Lietuvos TSR Mokslo akademija, Vilna. Darbai, Serija A.
Trudy Akademii nauk Litovskoi SSR.
Serija A.
1966 m. 3 (757a)
1967 m. 1 (2543b), 2 (3763a)

Lietuvos TSR Mokslo akademija, Vilna. Darbai, Serija C.
Trudy Akademii nauk Litovskoi SSR.
Serija C.
1967 m. 1 (2944a), 2 (3788b)

Lietuvos Tarybu Socialistinės Res

- L'vov. Politehnichnyi instytut
Nauchnye zapiski
1962 no 80(112a)
- L'vov Universitet
Vestnik Seriya geologicheskaya
1966 no 4(2560c)
- L'vov Universitet
Visnyk Seriya geografična
1966 no 4(2163b)
- L'vov Universitet
Visnyk Seriya mekhaniko-matematychna
1965 no 2(616c)
1967 no 3(3533b)
- L'vov Universitet
Visnyk Seriya suspil'nykh nauk
1966 no 2(1757a)
- Lysly do pryntateliy
1966 v. 14, no 11-12(33c)
1967 v. 15, no 1/3(2546a), 4/6(3232b)
- Mideniet zhane tūmys
1967 no 1(33c), 2(469b), 3-4(923c),
5(1369b), 6(2143a), 7-8(2623a),
9(3232b), 10(3500a), 11(3764a)
- Mgadan Oblastni kraevedcheskii muzei
Kraevedcheskie zapiski
1966 no 6(926c)
- Mgadan Vsesoluznyi nauchno-issledovatel'skii institut
zolota i redkikh metallov
Trudy Merzlotovedenie
1966 v. 24(2936c)
- Mgadan Vsesoluznyi nauchno-issledovatel'skii institut
zolota i redkikh metallov
Trudy Obogashchenie i metallurgiya
1965 v. 24(1003a)
- Mgadan Vsesoluznyi nauchno-issledovatel'skii
instit zolota i redkikh metallov
Trudy Obogashchenie i metallurgiya
1965 v. 24(1024a)
- Magnitnaya gidrodinamika
1966 no 3(3533b)
1967 no 1(2186a), 2(3805a), 3(3536c)
- Mashinnyi perevod i prikladnaya lingvistika
see Moscow Moskovskii gosudarstvennyi
lingvisticheskii institut inostrannykh yazikov Ma-
shinnyi perevod i prikladnaya lingvistika
- Mashinostroitel'
1965 no 7(4175b), 11(1018a)
1967 no 1(563a), 2(1016b), 3(1455a),
4(1843c), 5(2220b), 6(2627b),
7(2993c), 10(3846a)
- Mashinovedenie
1965 no 6(2627b)
1967 no 1(563b), 2(1455a), 3(2230a),
4(2993c), 5(3564b)
- Mashiny i nefteinoe oborudovanie
1965 no. 3(1024a), 10(1024a), 12(1024a)
1966 no. 9(138b), 11(568b), 12(568c)
1967 no 1(1461b), 2-3(1850c), 4-5(2237a),
6(2633c), 7(3301b), 8-9(3651b),
10(4181c)
- Mashiny i oborudovanie dlia mekhaniza-
tsii i avtomatizatsii trudoemkikh protses-
sov v ugol'noi promyshlennosti
1965 no. 2(568c)
1966 no. 3(1850c)
- Maslo-zhirovaia promyshlennost'
1962 v. 23, no. 6(117a)
1966 v. 32, no. 10(546b), 11(546c)
1967 v. 33, no 1(546c), 2(1440a),
3(2215c), 4(2216a), 5(2983a),
6(3831c), 7(3553c)
- Masloboino-zhirovaia promyshlennost'
see Maslo-zhirovaia promyshlennost'
- Massovaya radiobiblioteka
1965 no. 588(27b)
1966 no. 614(28b), 617(456c), 621(26b)
1967 no 618(1363b), 619(2131a), 620(910c)
623(1358a), 624(1750c), 627(1750c)
628(2536b), 629(2134c), 630(1753a)
632(2133a), 633(1750b), 634(2537c)
635(2538c), 636(2128a), 638(2537b),
640(3756b), 644(2520c), 655(3227b),
660(4101b)
- Mastera poeticheskogo perevoda
1966 no. 5(448b)
- Matematika ja kaasaag
1965 no 7(3260c) 9(802c)
1966 no 10(962a)
- Matematicheskie metody v dinamike
kosmicheskikh apparatov
1967 no 2(2538a)
- Matematicheskie zametki
1967 v. 1, no 1-3(1408c), 4(409a),
5(2182b), 6(2580c), 2(3260c),
v. 2, no. 1(2950b), 4(3801b),
3(3261a), 4(3801b)
- Matematicheskie zapiski Ural'skogo
matematicheskogo obshchestva see
Sverdlovsk Ural'skii gosudarstvennyi universitet.
Ural'skoe matematicheskoe obshchestvo Matemati-
cheskie zapiski
- Matematicheskii sbornik
1966 v. 71, no 4(614a)
1967 v. 72, no 1(514a), 2(962a),
3(409a), 4(2182b),
v. 73, no 1(2182a), 2(2581a),
3(3201a)
v. 74, no 1(4138a)
- Matematika v shkole
1967 no 1(82a), 2(109a), 3(2182c),
4(2956c)
- Material'naya kul'tura Ust'ushany
1966 no 1(39c)
- Material'no-tekhnicheskoe snabzhenie
1966 v. 1, no 4(175c), 5(2550b)
1967 v. 2, no. 1(830b), 2-3(1376a),
4(1763b), 5(2149a), 6(1111a)
- Materialy GKZ po metodike razvedki,
promyshlennoi otsenke i podschetu
zapasov mestorozhdenii poleznykh isko-
pamykh
1966 no 4(138c)
- Materialy i issledovaniia po arkheologii
SSSR
1960 no. 82(928c)
1966 no. 135(928c)
1967 no 140(374b), 142(2926c), 141(2026c),
148(3510c)
- Materialy k bibliografi uchenykh SSSR
Seriia biologicheskikh nauk Botanika
1964 no 7(899b)
- Materialy k bibliografi uchenykh SSSR.
Seriia biologicheskikh nauk Mikro-
biologiya
1967 no. 3(2129a)
- Materialy k bibliografi uchenykh SSSR
Seriia biologicheskikh nauk: Fizio-
logiya
1967 no 9(355b)
- Materialy k bibliografi uchenykh SSSR
Seriia fiziki
1963 no 13(1354b)
- Materialy k bibliografi uchenykh SSSR
Seriia geologicheskikh nauk
1967 no. 22(2128a)
- Materialy k bibliografi uchenykh SSSR
Seriia istorii
1967 no 8(3219b)
- Materialy k bibliografi uchenykh SSSR
Seriia khimicheskikh nauk
1966 no 37(1353b)
1967 no 38(901c), 41(4095b)
- Materialy k bibliografi uchenykh SSSR
Seriia literatury i iazyka
1966 no 7(106b)
- Materialy k bibliografi uchenykh SSSR
Seriia tekhnicheskikh nauk Mekhanika
1967 no 2(1746b)
- Materialy k bibliografi uchenykh
Tadzhikistana
1966 no 11(8c)
- Materialy k izucheniiu zhen'shenia i
drugikh lokal'stvennykh rastenii Dal'-
nego Vostoka
1965 no. 6(978a)
- Materialy k poznaniu geologicheskogo
stroenia SSSR
1967 no 16(2166b)
- Materialy k poznaniu fauny i flory SSSR.
Otdel zoologicheskii
1967 no 41(1791b)
- Materialy nabludeniia Seismicheskoi stan-
tsii "Apatity" see Apatity. Seismicheskii stan-
tsia Materialy nabludeniia
- Materialy Otdeleniia matematicheskoi
geografii i kartografii Geograficheskogo
obshchestva SSSR see Geograficheskoe obsh-
chestvo SSSR. Otdeleniia matematicheskoi geografii i
kartografii Materialy
- Materialy po arkheologii Severnogo
Prichernomor'ia
1962 no. 4(374b)
1966 no. 5(374c)
- Materialy po geografii naseleniia
1963 no 1(2163b)
- Materialy po geologii Tsentral'nogo
Kazakhstana
1967 v 7(4121c)
- Materialy po istorii armianskogo naroda
1967 no 11(1055b)
- Materialy rybokhoziaistvennykh issledovani
Severnoho basseina
1966 no 7(2603a)
- Meditsinskaya geografiia
1965 no 1(3289c)
- Meditsinskaya parazitologiya i para-
zitarne bolezni
1962 v. 31, no. 5(90c),
1963 v. 32, no. 2(90b),
1965 v. 35, no. 6(521b),
1967 v. 36, no. 1(2591c), 2(2190c),
3(2191a), 5(4140b)
- Meditsinskaya radiologiya
1962 v. 7, no. 3(90c), 10(521b)
1966 v. 11, no. 12(521c)
1967 v. 12, no. 1(522a), 2(1074a),
3(416c), 4(810c), 5(2592a),
6(2592b), 7(2061c), 8(3270a),
9(3533b), 10(3810c)
- Meditsinskaya sestra
1967 v. 28, no 2(101c), 3-4(529c),
5(4222b), 6(1810c), 7(2566a),
8-9(2066c), 10(3274c), 11(3513b),
12(3816a)
- Meditsinskii referativnyi zhurnal
1967 [Section] 1, v. 11, no. 1(90c), 2(522a),
3-4(1417a), 5(811a), 6(2191b),
7(2592b), 8(2962a), 9(3270a)
1966 [Section] 2, v. 10, no. 12(90c)
1967 [Section] 2, v. 11, no. 1(90c), 2(974b),
4(1417a), 5(811a), 6(2191b),
7(2592b), 8(2962a), 9(3270a),
10(3533b), 11(3810c)
- 1966 [Section] 3, v. 10, no. 12(90c)
1967 [Section] 3, v. 11, no. 1(90c), 2(522a),
3-4(1417a), 5(811a), 6-7(2592b),
8(2962a), 9(3270a)
- 1966 [Section] 4, v. 10, no. 11-12(90c)
1967 [Section] 4, v. 11, no. 1(90c),
2(522a), 3-4(1417a), 4(2191b),
7(2592b), 8(2962a), 9(3270a)
- 1966 [Section] 5, v. 10, no. 11-12(90c)
1967 [Section] 5, v. 11, no. 1-2(974b), 3-5(417a),
6(811a), 7(2962a), 8-9(3270a)
- 1966 [Section] 6, v. 10, no. 11-12(90c)
1967 [Section] 6, v. 11, no. 1-2(974b), 3-4(1417a),
5(811a), 6(2592b), 7(2962a),
8-9(3270a), 10(3533b)
- 1966 [Section] 7, v. 10, no. 11-12(90c)
1967 [Section] 7, v. 11, no. 1(90c), 2-3(417a),
4-5(181a), 6(2062a), 7(2592b),
9(3533b), 11(4148c)
- 1966 [Section] 8, v. 10, no. 10-12(90c)
1967 [Section] 8, v. 11, no. 1(974b), 2-4(1417a),
5(811a), 6(2592b), 7(2962a)
- 1966 [Section] 9, v. 10, no. 10-12(90c)
1967 [Section] 9, v. 11, no. 1(90c), 2(974b),
3(417a), 5(811a), 6(2191b),
7(2592b), 8(2962a), 9(3270a)
- 1966 [Section] 10, v. 10, no. 10-12(90c)
1967 [Section] 10, v. 11, no. 1(90c),
2(974b), 3-4(1417a), 5(811a),
6(2592b), 7(2962a), 8-9(3270a)
- 1966 [Section] 11, v. 10, no. 11-12(90c)
1967 [Section] 11, v. 11, no. 1-2(974b), 3-4(1417a),
5(811a), 6(2191b), 7(2592b), 8-10(3533b)
- 1966 [Section] 12, v. 10, no. 10(90c)
1967 [Section] 12, v. 11, no. 1-2(90c),
3(974b), 4(417a), 5(811a),
6(2592b), 7(2962a), 8(2962a), 9(3270a)
- 1966 [Section] 13, v. 10, no. 10-12(90c)
1967 [Section] 13, v. 11, no. 1-2(974b), 3-5(417a),
6(2592b), 7(2962a), 8-9(3270a), 10(3533b)
- Meditsinskii zhurnal Uzbekistana
1957 no. 1-4(2592b), 7-8(2592b), 11-12(2592b)
1958 no. 2(2592b)
1959 no. 10-11(90c), 12(522a)
1967 no. 1(974b), 2(417a), 3-4(2191b),
5(2592b), 6(2962a), 7(3533c),
8(4148c)
- Meditsinskii zhurnal
1966 no. 1/2(1844a), 3/4(2230a), 5/6-7/8(2094a)

- Moscow. Gosudarstvennyi istoricheskiy muzej
Trudy
1966 no. 40(176c)
- Moscow. Gosudarstvennyi istoriko-arkhivnyi institut
Trudy
1965 v. 22(38a)
- Moscow. Gosudarstvennyi muzej izobrazitel'nykh iskusstv
Sobshcheniya
1966 no. 3(94c)
- Moscow. Gosudarstvennyi nauchno-issledovatel'skii i proektnyi institut neflianogo mashinostroyeniya
Trudy. Neflepiomyslovoye delo
1964 no. 2(2238a)
- Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii
Biulleten' tekhniko-ekonomicheskoi informatsii
1966 v. 19, no. 11(540a), 12(540b)
1967 v. 20, no. 1-2(591a), 3(591b), 4(592a), 5(592b), 6(592c), 7(592d), 8(592e), 9(592f), 10(592g)
- Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut psikhologii
Trudy
1966 v. 26(525a), 45(3540c), 46(3540a), 48(3541b)
- Moscow. Gosudarstvennyi okeanograficheskii institut
Trudy
1967 no. 80(4123c), 91(4123c)
- Moscow. Gosudarstvennyi proektno-konstruktorskiy i nauchno-issledovatel'skii institut morskogo transporta
Trudy
1965 no. 7(443b)
1966 no. 9(443b), 11-12(4033a), 13(4467c), 14(4033a)
- Moscow. Gosudarstvennyi vsesoyuznyi nauchno-issledovatel'skii institut tsementnoi promyshlennosti
Trudy
1964 no. 20(2219a)
- Moscow. Institut imeni N. V. Sklifosovskogo
Trudy
1963 v. 7(90c)
- Moscow. Institut inzhenerov geodetii, aerofotogrammetrii i kartografii
Trudy
1966 no. 53(4433c)
- Moscow. Institut inzhenerov sel'skokhoziaistvennogo proizvodstva
Doklady
1966 v. 3, no. 2(3544b)
- Moscow. Institut inzhenerov zemleustroystva
Trudy (Nauchnye trudy)
1964 no. 22(4818c)
1965 no. 31(532c)
1966 no. 35(3277c), 39(2601a)
- Moscow. Institut narodnogo khoziaistva
Trudy
1965 no. 32(2550c), 38(41b)
1967 no. 48(3512b)
- Moscow. Institut neftekhimicheskoi i gazovoi promyshlennosti
Trudy
1966 no. 59(4462a)
1967 no. 63-64(3567c), 65(4182a), 66(2238a), 71(3000c), 73(4182a)
- Moscow. Institut prikladnoi geofiziki see Leningrad. Institut prikladnoi geofiziki
- Moscow. Institut radioelektroniki i gornoj elektromekhaniki
Nauchnye trudy
1965 no. 51(2221c)
- Moscow. Institut sial i splavov
Sbornik
1966 no. 43(4024c)
1967 no. 44(2635a)
- Moscow. Inzhenerno-stroitel'nyi institut
Sbornik trudov
1967 no. 52(2984c)
- Moscow. Ispolnitel'nyi komitet
Biulleten'
1965 no. 20(2553c)
1966 no. 1-2(45c), 17(45c), 24(2553c)
1967 no. 1(45c), 2-3(480b), 4-5(1763b), 6-7(1380a), 8(2553c), 9(1763b), 10(2153c), 11-13(2553c), 14-15(2929c), 18-19(3773c)
- Moscow. Khimiko-tekhnologicheskii institut
Trudy
1961 no. 32(440b)
1963 no. 41(117a), 42(117b)
1965 no. 49(3553c)
- Moscow. Mirovoi meteorologicheskii tsentr
Trudy
1966 no. 11(1807c), 12(968c), 14(517c)
- Moscow. Moskovskaya sel'skokhoziaistvennaya akademiya im. Timirязeva
Doklady
1959, no. 44(532c), 45(533a)
1965, no. 108(1425a), 115, pt. 1(2801a), 115, pt. 2(2601c)
1966 no. 119(2972b), 126(2972c)
- Moscow. Moskovskaya sel'skokhoziaistvennaya akademiya im. Timirязeva
Izvestiya
1966 no. 1(818c), 2(3818a), 4(3818b)
1967 no. 3(2972a), 4(3544c), 5(4156a)
- Moscow. Moskovskaya veterinarная akademiya
Trudy
1957 v. 16(1820a), 21(985a)
1966 v. 49(2975c)
- Moscow. Moskovskaya veterinarная akademiya
Kafedra zoologii
Biologiya i promysel' lovia
1965 no. 2(106c)
- Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut
Uchenye zapiski (Trudy)
1960 no. 152(486b)
1963 no. 196(4367c), 207(2140c)
1964 no. 213(2140c), 219(32a)
1966 no. 245(3231a), 248(1757b), 267(1757b)
1967 no. 244(3763a)
- Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut inostrannykh yazykov
Mashinnyi perevod i prikladnaya lingvistika
1967 no. 10(2557b)
- Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta
Trudy
1966 no. 230(1017a), 234(1017a), 235(1844c), 239(1917a), 240(663c), 248(433a)
1967 no. 226(2627c), 244(3846b), 249(3846b)
- Moscow. Moskovskii oblastnoi pedagogicheskii institut
Uchenye zapiski
1966 v. 180(2922b), 188(3763a)
- Moscow. Nauchno-issledovatel'skii institut aeroklimatologii
Trudy
1966 no. 35(1806a), 36(518a), 40(3805c), 46(4142c)
- Moscow. Nauchno-issledovatel'skii institut muzeovedeniya
Trudy
1965 no. 14(2145c)
- Moscow. Nauchno-issledovatel'skii institut osnovanii i podzemnykh sooruzhenii
Sbornik trudov (Sbornik)
1966 no. 50(550a)
- Moscow. Nauchno-issledovatel'skii institut sanitarnoi tekhniki
Sbornik
1966 no. 20(3831a)
- Moscow. Nauchno-issledovatel'skii institut truda
Voprosy truda
1959 no. 3(2151a)
- Moscow. Nauchno-issledovatel'skii institut vaktain i syvorolok
Trudy
1961 v. 17(2195c), 18-19(3273b)
- Moscow. Nauchno-issledovatel'skii institut virusnykh preparatov
Trudy
1965 no. 3(71a)
- Moscow. Pervyi meditsinskii institut
Trudy
1965 v. 43(91b)
1966 v. 47(417a), 48(2962a), 49(91c)
1967 v. 50(3270a), 52(3270b), 53(2962b)
- Moscow. Pervyi meditsinskii institut
Trudy po novoi apparature i metodikam
1966 no. 4(4148c)
1967 no. 5(3810c)
- Moscow. Publichnaya biblioteka
Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriya 1. Fiziko-matematicheskie i khimicheskie nauki, nauki o Zemle, tekhnika i tekhnicheskoe nauki
1965 v. 10, no. 36(2143b), 19-34(2143b),
1967 v. 12, no. 1-2(34c), 3(2143b), 4-9(470a), 10-11(924a), 12-13(1370b), 15-16(1760a), 17-21(2143b), 22(2924a), 24(2546c), 25-26(2924a), 27-29(3233a), 30-33(3765a), 34(4105c)
- Moscow. Publichnaya biblioteka
Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriya 2. Biologicheskie nauki, sel'skoe i lesnoe khoziaistvo, sel'skokhoziaistvennye i lesokhoziaistvennye nauki, zdravookhraneniye, meditsinskoe nauki
1965 v. 8, no. 1-36(2143b)
1967 v. 10, no. 1-2(34c), 3(2143b), 4-9(470a), 10-11(924b), 12-13(1370b), 14-16(1760a), 17-21(2143b), 22(2924a), 24(2546c), 25(3233a), 26(2924a), 27(3233a), 28(4105c), 29(3233a), 30-33(3765a), 34-35(4105c), 36(3765a)
- Moscow. Publichnaya biblioteka
Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriya 3. Obshchestvennyye nauki, khudozhestvennaya literatura, iskusstvo
1965 no. 4-33(2143b), 35-36(2143b)
1967 v. 10, no. 1-2(34c), 3(2143b), 4-9(470a), 10-11(924b), 12-13(1370b), 15-16(1760a), 17-21(2143b), 22(2924a), 24(2546c), 25-26(2924a), 27(3233a), 28(4105c), 29(3233a), 30-33(3765a), 34(4105c), 35-36(3765a)
- Moscow. Rossiiskii nauchno-issledovatel'skii institut mestnykh stroitel'nykh materialov
Sbornik trudov
1958 no. 14(445a)
1960 no. 18(445a)
1962 no. 24(412b)
- Moscow. Tekhnologicheskii institut legkoj promyshlennosti
Nauchnye trudy
1965 no. 31(4017b)
- Moscow. Torfianoi institut
Trudy
1956 no. 4(1851b)
1957 no. 5(2635a)
- Moscow. Tsentral'naya nauchnaya sel'skokhoziaistvennaya biblioteka
Ukazatel' knig, zhurnal'nykh i gazetnykh statei po sel'skomu khoziaistvu za 1912 god, po materialam A. D. Pedachenko
1966 v. 2, no. 2-10(3818c), 12(3818c)
- Moscow. Tsentral'naya nauchno-tekhnicheskaya biblioteka legkoj promyshlennosti
Tekhnika i tekhnologiya proizvodstva plennichnykh materialov i pokrytii dlya izdelei legkoj promyshlennosti
1964 no. 2(2625a)
- Moscow. Tsentral'nyi institut prognozov
Meteorologicheskii biulleten'
1959 for Sept. 1958 (518a)
- Moscow. Tsentral'nyi institut prognozov
Trudy
1966 no. 148(1808a), 154(85c), 157(1808a), 158(909a)
1967 no. 150(4143a)
- Moscow. Tsentral'nyi institut usovershenstvovaniya vrachei
Trudy
1966 v. 87(2962c), 95(2963a), 96(2963b), 98(2963c), 100(2963c)
- Moscow. Tsentral'nyi nauchno-issledovatel'skii institut cheloveka i metallurgii
Sbornik trudov
1965 no. 39(2238b)
1966 no. 44(569a)
1967 no. 48(3000c), 51(3001a), 55(4182b)
- Moscow. Tsentral'nyi nauchno-issledovatel'skii institut ekonomiki i okupatsionnoi vodnogo transporta
Trudy
1966 no. 46(2248b)

- Moscow Universitet Geograficheskii fakul'tet.
Informatsionnyi sbornik o rabotakh po
Mezhdunarodnomu geofizicheskomu godu
1961 no 10(3780c)
- Moscow Universitet Gosudustvennyi astronomicheskii institut
Sobshcheniia
1966 no 144(3250v)
- Moscow Universitet. Otdeleniie strukturnoi i prikladnoi
limnologii
Publikatsii
1965 no 1(488a)
- Moscow Universitet. Vychislitel'nyi tsentr
Sbornik rabot
1967 v 6(2182c), 7(2581a)
- Moscow. Universitet družby narodov
Trudy Ekonomika i pravo
1966 v 18(330c)
1967 v 20(3235c)
- Moscow. Universitet družby narodov
Trudy Mashinostroenie
1966 v 16, no 2(017c)
- Moscow. Universitet družby narodov
Trudy Matematika
1967 v 2(2956c)
- Moscow. Universitet družby narodov
Trudy Sel'skokhoziaistvennye nauki
1966 v 14, no 1(046b)
- Moscow. Universitet družby narodov
Trudy Teoreticheskaya mekhanika
1966 v 17(969i)
- Moscow. Universitet družby narodov
Trudy Voprosy meditsiny
1967 v 25(4148c)
- Moscow. Universitet družby narodov. Seminar po
teorii differentsial'nykh uravnenii s otkloneniushchimsia
argumentom
Trudy
1967 v 4(409b), 5(2581b)
- Moscow Vsesoluznaya gosudarstvennaya biblioteka
inostrannoi literatury
Opyt raboty bibliotek s inostrannoi
literaturoi
1961 no 4(36b)
- Moscow Vsesoluznaya tsentral'naya nauchno-issledovatel'skaya
laboratoriia po konservatsii i estavratsii
muzeinykh khudozhestvennykh tsekmnostei
Sobshcheniia
1966 no 16(911c)
- Moscow Vsesoluznyi elektrotekhnicheskii institut
Trudy
1967 no 75(4171a)
- Moscow. Vsesoluznyi institut iuridicheskikh nauk
Uchenye zapiski
1961 no 1(3775b)
- Moscow Vsesoluznyi institut nauchnoi i tekhnicheskoi
informatsii
Nauchno-tekhnicheskaya informatsiia
1966 no 10-12(991c)
- Moscow. Vsesoluznyi institut nauchnoi i tekhnicheskoi
informatsii. Nauchno-tekhnicheskaya informatsiia
see also Nauchno-tekhnicheskaya
informatsiia
- Moscow Vsesoluznyi nauchno-issledovatel'skii
institut burovoi tekhniki
Trudy
1967 no 17(3001b), 18(3302b)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii institut
ekonomiki sel'skogo khoziaistva
Doklady i sobshcheniia
1965 no. 28(476a)
1967 no 34/35(3768b)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii institut
elektroenergetiki
Trudy
1961 no 13(2622a)
1965 no 22(126b)
1966 no 23(008b), 25(1836b)
- Moscow Vsesoluznyi nauchno-issledovatel'skii geologo-
razvedochnyi neflanoi institut
Trudy
1966 no 47(2635b), 49(2238c), 51(2239a),
55(0462a), 56(569a)
1967 no 50(3668a), 52(2635b), 53(2635c),
62(3568b)
- Moscow Vsesoluznyi nauchno-issledovatel'skii institut
gidrotekhniki i melioratsii
Trudy
1962 no 37(981c)
- Moscow Vsesoluznyi nauchno-issledovatel'skii
khimicheskikh reaktivov i oborudovaniia
Trudy
1966 no 29(2025b)
1967 no 30(3250b)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
konditsionnoi promyshlennosti
Trudy
1966 no 17(550c)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
magnitnoi zapisi i tekhnologii radio- i
televizionna
Trudy
1964 no. 1(26b)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
mekhanizatsii sel'skogo khoziaistva
Trudy
1969 v 26(2602a)
- Moscow Vsesoluznyi nauchno-issledovatel'skii
mineralnoi promyshlennosti
Trudy
1969 no 10(012a)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
institut molochnoi promyshlennosti
Trudy
1966 no 24(0851)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
institut morskogo rybnogo khoziaistva i
Sbornik izobrazhenii v rybnom khoziaistve
1962 for 1961 (546a)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
morskogo rybnogo khoziaistva i sel'skogo
Trudy
1966 v 59(2203a), 60(5461a),
63(4257b)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
institut organizatsii i mekhanizatsii
stroiitel'stva
Trudy
1966 no. 17(2635c)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
plenochnykh materialov i informatsionnykh
Nauchno-issledovatel'skii tsentr
1965 no 16(2000c)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
poligraficheskoi promyshlennosti
Tekhnologiya poligrafii, informatsii i
referativnyi sbornik
1965 no 2(471b)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
sel'skokhoziaistvennogo mashinostroeniia
Trudy
1965 no 40(455b)
1966 no. 17(2094c), 41(4314a)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
statisticheskikh i natural'nykh daniinykh
Trudy
1966 no 7(117c)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
sovetskogo zakonodatel'stva
Uchenye zapiski
1966 no. 8-0(2554c)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
vodosnabzheniia, kanalizatsii, gidrotekhniki i
sooruzhenii i inzhenernoi gidrologii
Trudy
1966 no 13(2219a)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
institut vodosnabzheniia, kanalizatsii, gidrotekhniki i
sooruzhenii i inzhenernoi gidrologii
Laboratoriia inzhenernoi gidrologii
Informatsionnye materialy
1962 no 4(121b)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
zerna i produktov ego pererabotki
Trudy
1966 no. 65(087b)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
zheleznodorozhnogo transporta
Trudy
1966 no 314(0101a), 315(0101a), 316(0101a),
325(0101a), 327(4457c), 328(0101a),
1967 no. 329(2094c), 330(3444c), 331(0101a)
- Moscow. Vsesoluznyi nauchno-issledovatel'skii
zheleznodorozhnogo transporta
Vestnik
1966 v 26, no 7-8(5631)
- Moscow. Vsesoluznyi proektno-izyskatel'skii
issledovatel'skii institut "Gidropromstroi"
Zhuk
Trudy
1962 no. 7(121c)
1966 no 13(550b)

Moscow. Vsesoiuznyi zaochnyi energeticheskii institut Trudy 1966 no 30(183Cb), 31(183Cc), 32(148a)	Na dopomohu khudozhnii samodiial'nosti i ekspertiznyy zbitnyk 1963 no 4(94b) 1967 no. 1(51a), 2-3(2159c), 4(2934b), 5(3242b)	Narody Azii i Afriki, istoriia, ekonomika. kul'tura 1966 no 6(36a), 2(2025b), 3(2925c), 1967 no 1(372b), 1-5(4108c)
Moscow Vsesoiuznyi zaochnyi politicheskii institut Sbornik trudov 1965 no 30(2208b) 1966 no 31-35(3283c)	Na etoi nedele see Moscow. Vystavka dostizhenii narodnogo khoz.iastva SSSR Na etoi nedele	Nauky z istorii tekhniki i prirodnaystva 1966 no 7-8(824b)
Moscow. Vychislitel'nyi meteorologicheskii tsentr Trudy 1963 no 1(2187b)	Na stroikakh Rossii 1963 v 4, no 3(550b), 7-9(550c) 10(121a), 11-12(445b) 1964 v 5, no 1(832c), 3(551a) 1966 v 7, no 12(551a) 1967 v 8, no 2(445b)	Nashi sovremenniki 1967 no 1-2(55b), 3(489a), 4(943a), 5(775b), 6(210c), 7(2558a), 8-9(2935c), 10(3243b), 11(3779a), 12(4122a)
Moscow. Vyshee khudozhestvenno-promyshlennoe uchilishche Trudy 1962 no 2(480b)	Nachal'naya shkola 1967 v 35, no 1-2(183b), 3(1383b), 4(1771a), 5(2555a), 6(2932a), 8(4116b), 9(4116c), 11(4116c)	Nash svit 1967 v 10, no 6(3771b) 4(2028a), 5(3237c)
Moscow Vystavka dostizhenii narodnogo khoz.iastva SSSR Informatsionnyi biulleten' 1962 no 8-9(112b) 1965 no 11(3281a) 1966 no 2(3281a), 6(3281a), 10(3549b), 11(3281b), 12(540c) 1967 no 1(540c), 3(992a), 4(1133c), 6-7(3281b), 8(3204c), 9(3519c), 10(4160c)	Nafchik. Kabardin-Balkarskii gosudarstvennyi universitet Uchenye zapiski 1961 no. 13(1757c) 1965 no 27(486c) 1966 no 31(3507c)	Nasha shkola 1967 v 3, no 10/11(4117b)
Moscow. Vystavka dostizhenii narodnogo khoz.iastva SSSR Na etoi nedele 1961 no 5(540c)	Nafchik Vysokopornyi geofizicheskii institut Trudy 1966 no 3(55c), 5(2587a), 6(1143a), 7(413a), 9(3537a)	Nashe zhytie 1966 v 23, no 11(43a) 1967 v 21, no. 1(43a), 2-3(478b), 4(832c), 5(377a), 6(700b), 7(215b), 8(2928a), 9(3237c), 10(3771b), 11(4112c)
Moskovskoe matematicheskoe obshchestvo Trudy 1967 v 16(2957a)	Narodna i vychislitel'naia al'gebra 1961 v 8, no 6(2162b) 1967 v 11, no 1-2(1388b), 3(1776a), 4(3243c), 5(3780b)	Nashi vesli 1967 v 23, no 247-249(42c), 250(577b), 251(603c), 252-253(1857b), 254(2043c), 255-256(3006a), 257(3308b), 258(3570c), 259(3856c)
Moskovskoe obshchestvo issyatel'ei prirody Biulleten' Otdel biologicheskii 1962 v 67, no 2(399b) 1966 v 71, no 5(951c) 1967 v 72, no 1(955a), 2(2174a), 3(3793b), 4(3793c)	Narodnaia asveia 1967 no 1(43b), 2-3(938b), 4(1383b), 5(1771b), 6(2156c), 7-8(2032b), 9(3241a), 10(3515c), 11(4117a)	Nauchnaia informatsiia po ekonomike i statistike 1969 no 4(321c)
Moskovskoe obshchestvo issyatel'ei prirody Biulleten' Otdel biologicheskii 1961 v 36, no 3(495b), 5(495c) 1966 v 41, no 4(60c), 6(3520b) 1967 v 42, no 1(779c), 2(3782c), 3(2783b)	Narodnoe khoz.iastvo Armenii 1967 no. 1-2(476b), 3(1376b), 5(1763c), 6(2550c), 7-8(2027b), 10(3512a), 12(4111b)	Nauchno-issledovatel'skie raboty aspiran- tov i molodykh uchenykh Vsesoiuznogo nauchno-issledovatel'skogo instituta agrosomel'oiatsii see Vsesoiuznyi nauchno- issledovatel'skii institut agrosomel'oiatsii. Nauchno- issledovatel'skie raboty aspirantov i molod- dykh uchenykh
Moskovskoe obshchestvo issyatel'ei prirody Trudy 1967 v 25(3521b), 26(4128a)	Narodnoe khoz.iastvo Kazakhstana 1968 v 18, no 11(1763c), 12(1764a) 1968 v 24, no 11-12(476b) 1967 v 25, no 1(930c), 2(2551a), 3(1376b), 4(2149b), 5(2140c), 6(2551a), 7(1111b), 9(3512c), 10(3766b)	Nauchno-issledovatel'skie trudy TSentral'- nogo nauchno-issledovatel'skogo instituta khopchatobumazhnoi promyshlennosti see Moscow TSentral'nyi nauchno-issledovatel'skii institut khopchatobumazhnoi promyshlennosti. Nauchno- issledovatel'skie trudy
Moskva 1967 v 11, no 1(55b), 3(186a), 4(913a), 5(387a), 6(2161c), 7(2558a), 8-10(3243b), 11-12(4122a)	Narodnoe khoz.iastvo Uzbekistana 1961 v 3, no 1(764a), 2(476c)	Nauchno-issledovatel'skie trudy TSentral'- nogo nauchno-issledovatel'skogo instituta promyshlennosti lubiannykh volokon see Moscow TSentral'nyi nauchno-issledovatel'skii institut promyshlennosti lubiannykh volokon Nauchno- issledovatel'skie trudy
Movarnavstvo 1967 v 1, no. 5(3778b)	Narodnoe obrazovanie 1966 no 12(46b) 1967 no 1(43b), 2(483c), 3(1383b), 4(1771b), 5(2552b), 6(2555b), 7(4117a), 9(4117a), 11(4117b)	Nauchno-issledovatel'skie trudy TSentral'- nogo nauchno-issledovatel'skogo instituta sherstianoi promyshlennosti see Moscow. TSentral'nyi nauchno-issledovatel'skii institut sherstianoi promyshlennosti. Nauchno-issledovatel'skie trudy
Mukomol'no-elevatornaia promyshlennost' 1960 v 26, no 3(559c), 4(500a) 1961 v 27, no 3(1012b) 1966 v 32, no 11(430a), 12(1012b) 1967 v 33, no 1(500b), 2(1012c), 3(1841a), 4(2225b), 5(2225c), 6(2625a), 7-8(3205a), 9(3502a)	Narodnyi universitet Estestvenno- nauchnyi fakul'tet 1967 no. 1/2(153b), 3(459b), 4/5(1745c), 6(2014a), 7(2914c), 8/9(3754c)	Nauchno-issledovatel'skie trudy TSentral'- nogo nauchno-issledovatel'skogo instituta vspomogatel'nykh izdelii i zapasnykh detalei k tekstil'nomu oborudovaniyu see Moscow TSentral'nyi nauchno-issledovatel'skii institut vspomogatel'nykh izdelii i zapasnykh detalei k tekstil'nomu oborudovaniyu Nauchno-issledovatel'skie trudy
Munich. Ukrain'skii vili'nyi universitet Nauchnyy zapysky 1965/1966 no. 8(406c), 9-11(2543b)	Narodnyi universitet Fakul'tet literatury i iskusstva 1966 no. 11/12(44b) 1967 no 1(44a), 2(443c), 3(1346b), 6(3221c), 7(4085a), 8/9(4090b), 10(3743b), 11(4090b)	Nauchno-issledovatel'skie trudy Ukrain- skogo nauchno-issledovatel'skogo instituta kozhevenno-obuvnoi promyshlennosti see Kiev Ukrain'skii nauchno-issledovatel'skii institut kozhevenno-obuvnoi promyshlennosti. Nauchno- issledovatel'skie trudy
Murmansk. Pol'arnyi nauchno-issledovatel'skii institut morskogo rybnogo khoz.iastva i okeanologii Trudy 1962 no. 13(106c)	Narodnyi universitet Fakul'tet pravovykh znani 1966 no. 11/12(8b) 1967 no. 1/2(442a), 3(1344c), 4(4087b), 5(1747a), 6(2520c), 7/8(2010a), 9(3495a), 10(3745c)	Nauchno-issledovatel'skie trudy Vsesoiuz- nogo nauchno-issledovatel'skogo instituta plenochnykh materialov i iskusstvennoi kozhi see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut plenochnykh materialov i iskusstvennoi kozhi. Nauchno-issledovatel'skie trudy
Murman'sk. Vyshee morekhodnoe uchilishche Trudy 1960 no 4, pt 1(1033b)	Narodnyi universitet Fakul'tet zdorov'ia 1966 no 23(19c), 24(20a) 1967 no 1(21b), 2(22b), 3(443b), 4(454b), 5(350c), 6(1350b), 7(356c), 8(350b), 9(1747a), 10(1737b), 11(2129c), 13/14(3501a), 15/18(4098a), 19(4098a)	Nauchno-issledovatel'skii institut sinteticheskikh zhirizamenitelei i molushchikh sredstv Trudy 1961 no 2(547a)
Muzikal'naya zhizn 1967 v 10, no. 6-7(841a), 8(385b), 11(2159c), 12-13(2557a), 14-16(2934b), 17-19(3242a), 20-21(3510b), 22(3777c), 23(4121a)	Narodnyi universitet Pedagogicheskii fakul'tet 1966 no 10(9a), 11(6b), 12(443b), 1(443b), 2(888c), 3(738b), 4/5(1739c), 6(3747c), 7/8(3221b), 9(4092c), 10(4092c)	Nauchno-issledovatel'skii institut tekhnicheskii bytovogo obsluzhivaniia Trudy 1963 no 3(3562b)
My i svit 1966 v 17, no. 130-131(34a), 133-135(34a) 1967 v 18, no. 136(34a), 137(349c), 138(2548a), 140(3508a)	Narodnyi universitet Sol'skokhoz.iastven- nyi fakul'tet 1967 no. 1(454c), 2(905c), 3(748b), 6(2534b)	Nauchno-populiarnaiia seriia [In Armenian] 1967 no. 5(4096c)
My i svit 1964 v 11, no. 3(2100a) 1967 v 14, no. 1(1385b), 2(2100a), 5(4121a)	Narodnyi universitet Tekhniko-ekonomi- cheskii fakul'tet 1966 no 12(4b) 1967 no 1-2/3(808c), 4(1356b), 5/6(2521b)	Nauchno-tekhnicheskaiia informatsiia Seriia 1: Organizatsiia i metodika informatsionnoi raboty 1967 no. 1(992a)

Nauchnye trudy Samar'kand'skogo meditsinskogo instituta see Samar'vand Gosudarstvennyi meditsinskiy institut Nauchnye trudy

Nauchnye trudy Severo-zapadnogo nauchno-issledovatel'skogo instituta sel'skogo khoz'yaistva see Leningrad Severo-zapadnyi nauchno-issledovatel'skiy institut sel'skogo khoz'yaistva Nauchnye trudy

Nauchnye trudy Tashkentskogo gosudarstvennogo universiteta see Tashkent Universitet Nauchnye trudy

Nauchnye trudy vysshikh uchebnykh zavedeniy Litovskoi SSR see Lietuvos TSR aukstujo mokyklu mokslo darbai Nauchnye trudy vysshikh uchebnykh zavedeniy Litovskoi SSR

Nauchnye zapiski Gosudarstvennogo nauchno-issledovatel'skogo i projekt'nogo instituta ugol'noi, rudnoi, neflianoi i gazovoi promyshlennosti "Ukrniiproekt" see Kiev Gosudarstvennyi nauchno-issledovatel'skiy i projekt'nii institut ugol'noi, rudnoi, neflianoi i gazovoi promyshlennosti "Ukrniiproekt" Nauchnye zapiski

Nauchnye zapiski Instituta mashinovedeniya i avtomatiki Akademii nauk URSR see Akademiya nauk URSR, Kiev Institut mashinovedeniya i avtomatyky Nauchnye zapiski

Nauchnye zapiski Lvovskogo politekhnicheskogo instituta see Lvov Politekhnicheskii institut Nauchnye zapiski

Nauchnye zapiski Tashkentskogo instituta narodnogo khoz'yaistva see Tashkent Institut narodnogo khoz'yaistva Nauchnye zapiski

Nauchnye zapiski Voronezhskogo lesotekhnicheskogo instituta see Voronezh Lesotekhnicheskii institut Nauchnye zapiski

Naujos knygos
1967 no 1(47a), 2-3(624b), 4(370b),
5-6(2143c), 7(3233a), 8-9(4105c)

Nauka i religia
1967 v 9, no 1(37a), 2(472b),
3(926a), 4(371c), 5(760a),
6-7(2547c), 8(2925a), 9(3510a),
10(3233c), 11(3766a)

Nauka i suspi'stvo
1967 v 16, no 4(648c)
v 17, no 8(2944b), 9(1786b), 7(2564c),
10(3248b), 12(3788c)
1968 v 17, no 1(4125a)

Nauka i tekhnika
1967 v 7, no 2(510c), 3-4(4434a),
5(824c), 6-7(2609b), 8(2976a),
9(3284c), 10(3549c)

Nauka i tekhnika v gorodskom khoz'yaistve
1966 no 5(2208b), 9(3625a)

Nauka i zhizn'
1967 v 33, no 4(3955b), 2(501c), 3(618c),
8(2944b), 5(788c), 6-7(2565a),
v 34, no 9(3248b), 10(3522a)

Naukovoe tovarystvo im. T. Shevchenka
Biblioteka ukrainoznastva
1963 no 13(462a)
1964 v 14(174c)
1967 v 24(3242c)

Naukove tovarystvo imeni Shevchenka
Zapyski
1960 v 26, no 172(488b)
1962 v 28, no 176(488b)
1965 no 180(2934c)

Naukove tovarystvo imeni Shevchenka, Terminologichna komisija
Biuletent'
1962 no 2(368b)

Naukovi pratsi z istorii KPRS
1966 no 10(3768a), 11(4109a), 12(2648a)

Naukovi zapysky Kyivs'koho derzhavnogo universitetu see Kiev, Universitet, Naukovi zapysky

Naukovi zapysky Naukovo-prirodopoznavchoho muzeiu Akademii nauk URSR see Akademiya nauk URSR, Kiev Naukovo-prirodopoznavchyy muzej

Naukovi zapysky Ukrain's'koho vil'noho universitetu see Munich, Ukraine'kyl vil'nyi universitet, Naukovi zapysky

Nazvovnavstvo
1966 no 32(2912c)

Nauchnye trudy Samar'kand'skogo meditsinskogo instituta see Samar'vand Gosudarstvennyi meditsinskiy institut Nauchnye trudy

Nauchnye trudy Severo-zapadnogo nauchno-issledovatel'skogo instituta sel'skogo khoz'yaistva see Leningrad Severo-zapadnyi nauchno-issledovatel'skiy institut sel'skogo khoz'yaistva Nauchnye trudy

Nauchnye trudy Tashkentskogo gosudarstvennogo universiteta see Tashkent Universitet Nauchnye trudy

Nauchnye trudy vysshikh uchebnykh zavedeniy Litovskoi SSR see Lietuvos TSR aukstujo mokyklu mokslo darbai Nauchnye trudy vysshikh uchebnykh zavedeniy Litovskoi SSR

Nauchnye zapiski Gosudarstvennogo nauchno-issledovatel'skogo i projekt'nogo instituta ugol'noi, rudnoi, neflianoi i gazovoi promyshlennosti "Ukrniiproekt" see Kiev Gosudarstvennyi nauchno-issledovatel'skiy i projekt'nii institut ugol'noi, rudnoi, neflianoi i gazovoi promyshlennosti "Ukrniiproekt" Nauchnye zapiski

Nauchnye zapiski Instituta mashinovedeniya i avtomatiki Akademii nauk URSR see Akademiya nauk URSR, Kiev Institut mashinovedeniya i avtomatyky Nauchnye zapiski

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Nauchnye zapiski Tashkentskogo instituta narodnogo khoz'yaistva see Tashkent Institut narodnogo khoz'yaistva Nauchnye zapiski

Nauchnye zapiski Voronezhskogo lesotekhnicheskogo instituta see Voronezh Lesotekhnicheskii institut Nauchnye zapiski

Neftegazovaya geologiya i geofizika
1965 no 9(1462b)
1966 no 12(139a)
1967 no 1(1462b), 2(1856b), 3(1462b), 4(2635c), 5(2635c), 6(3075a), 7(3302c)

Neftekhimiya
1963 v 3, no 5(1144b)
1966 v 6, no 6(1144b)
1967 v 7, no 1(1144b), 2(1144b), 3(3833c)

Neftepererabotka i neftekhimiya
1966 no 9(560a), 10(560a)
1967 no 12(560b), 2(12230a), 3(2636a), 4(1144b)

Neftepromyslovoye delo
1966 no 11-12(139a)
1967 no 1(1462b), 2(1856b), 3(1462b), 4(2635c), 5(2635c), 6(3075a), 7(3302c)

Nefliannaya i gazovaya promyshlennost'
1963 no 10(300b), 3(1396a)
1965 no 1(2240a)
1966 no 5-6(609c)
1967 no 1(4025a), 2(1144b)

Nefliyanik
1965 v 10, no 2(2844b)
1966 v 11, no 3(9576a), 4(1025a), 5(1025a)
1967 v 12, no 1(1025a), 2(1025a), 3(4626c), 4(2740b), 5-7(3303a)

Neflianoye khoz'yaistvo
1963 v 41, no 9(130b)
1965 v 43, no 10(1057a)
1966 v 44, no 10(574a), 11(574a), 12(574a)
1967 v 45, no 1(4062b), 2(4062c), 3(4062c)

Neman
1966 v 15, no 12(55b)
1967 v 16, no 2(55b), 3(55b), 4(3176a), 5(10321a), 6(1122a)
1968 v 17, no 1(1122a)

Neva
1967 no 2(565b), 3(4014a), 4(7755b), 5(7755b), 6(7755b), 7-10(2935a), 11(4122a)

Nistru
1966 v 35, no 12(55b)
1967 v 36, no 1-7(3576a), 8(3243b), 9(3243b), 10(3576a), 11(4122a)

Niva
1966 no 12(34a), 1(34a), 2-4(1366a), 5(1366a), 6(2546a), 7-8(1029b), 9(1029b), 10(3764a), 11(4105b)

Nizhnovolzhskiy nauchno-issledovatel'skiy institut geologii i geofiziki
Trudy
1966 no 4(1390c), 5(3520c)

Nomograficheskiy sbornik see Akademiya nauk SSSR, Vychislitel'nyi tsentr, Nomograficheskiy sbornik

Noorus
1967 v 22, no 1(34a), 2(34a), 3(34a), 4(300c), 5(2546a), 6(2546a), 7(2546a), 8(2023b), 9(3332b), 10(3764a), 11(4105b)

Notatky z mystaistva
1966 no 5(480b)

Noukogude Eestl tervishoold
1966 v 9, no 6(62a)
1967 v 10, no 1(522a), 2(522a), 3(522a), 4(2502b), 5(3539c)

Noukogude kool
1967 v 25, no 1(43a), 2(43a), 3(43a), 4(300c), 5(3333c), 6(3241a), 7(3241a), 8(3241a), 9(3241a), 10(3241a), 11(3241a)

Noukogude naine
1967 v 23, no 1(43a), 2(43a), 3(43a), 4(332c), 5(1378a), 6(1378a), 7(2156b), 8(2156b), 9(3614a)

Novaia Albanii
1966 no 5(34a), 6(2540a), 7(2540a), 8(2540a), 9(2540a), 10(2540a), 11(2540a), 12(2540a)

Novela i noveishaya istoriya
1967 no. 1(82bc), 2(372b), 3(2925c),
4(3510b), 5(4109a)

Novela inostrannaya ekonomicheskaya
literatura
1966 no. 1(47c), 2(931a), 3(376c),
1967 no. 1(476c), 5(2149c), 6(2927b),
4(1781b), 7(3235c), 9(4111c)

Novela inostrannaya literatura po filosofii
1966 no. 1(36c), 2(925b), 3-4(370c),
1967 no. 1(471c), 5(2147b), 7(2924b),
5(2144b), 9(4107b), 6(2547b)

Novela inostrannaya literatura po iazyko-
znaniiu
1966 no. 11-12(53c), 2(942c), 3(386b),
1967 no. 1(488b), 5(2160c), 7(2934c),
4(1774c), 8(3233c), 9(4107b)
Imennoi ukazatel' k nos 1-12 za 1966 g (1771c)

Novela inostrannaya literatura po istorii,
arkheologii i etnografii
1966 no. 11-12(36b), 2(927a), 3(372c),
1967 no. 1(473a), 5(2146a), 6-7(2926a),
4(1781c), 8(3233c), 9(4109b)

Novela inostrannaya literatura po litera-
turovedeniiu
1966 no. 11-12(55b), 2(913a), 3(387a),
1967 no. 1(489b), 5(2161c), 6-7(2935c),
4(1775b), 8-9(4122a)

Novela Koreia
1967 no. 2-4(1309c), 5(2923b), 6(2546a),
7(2923b), 8(3761b)

Novela literatura o nauke i nauchno-
issledovatel'skoi rabote za rubezhom
1966 no. 10(34c), 12(34c),
1967 no. 1-2(924b), 3(370b), 5(2143c),
6(2924a), 7(3233a), 8-9(4105c)

Novela literatura po Bolgarii
1966 no. 11(34c), 2(924b), 3(370b),
1967 no. 1(478a), 5(2143c), 6(2547a),
4(1760a), 7(2924a), 8-9(4105c)

Novela literatura po Chekhoslovakii
1966 no. 11(34c), 2(921b), 3-4(370b),
1967 no. 1(34c), 6-8(2924a)

Novela literatura po Germanской
Demokraticeskoi Respublike
1966 no. 11-12(34c), 3(370b), 4(1760a),
1967 no. 1-2(924b), 5(2143c), 6-7(2924a), 8/9(4106a)

Novela literatura po Iugosavii
1966 no. 9/10-12(35a), 2(370b), 3(370b),
1967 no. 1(470a), 5(2143c), 6(2924a),
4(1760b)

Novela literatura po obshchim problemam
evropejskikh sotsialisticheskikh stran
1966 no. 11-12(38b), 2(2926a),
1967 no. 1(701c)

Novela literatura po obshchim problemam
slavianovedenija
1966 no. 4(470a), 2(2924a),
1967 no. 1(700a)

Novela literatura po Pol'she
1966 no. 11-12(35a), 3-4(370b), 5(2143c),
1967 no. 1(924b), 7(3233a), 6(2924a)

Novela literatura po Rumynii
1966 no. 11-12(35a), 2(924b), 3(370b),
1967 no. 1(1760a), 5(2143c), 6-7(2924a),
4(1760a), 8(3233a)

Novela literatura po Vengrii
1966 no. 11-12(35a), 2(924b), 3(370b),
1967 no. 1(470a), 5(2143c), 6-7(2924a),
4(1760b)

Novela sovetskaya ekonomicheskaya
literatura
1966 no. 10-11(47c), 12(476c),
1967 no. 1(931a), 2-3(376c), 4(2149c),
5-6(2927b), 7(3235c), 8-9(4111c)

Novela sovetskaya i inostrannaya litera-
tura po stranam Azii i Afriki
1966 no. 12(35a), 3(370c), 4(2143c),
1967 no. 1-2(924b), 6(2924b), 7-8(4106a),
5(2547a)

Novela sovetskaya i inostrannaya literatura
po voprosam ateizma i religii

1966 no. 11-12(37a), 2(926a), 3-4(371c),
1967 no. 1(172c), 6(2547c), 7(2925a),
5(2145a), 8(3233c)

Novela sovetskaya literatura o nauke i
nauchno-issledovatel'skoi rabote v SSSR
1966 no. 12(35c), 3(370c), 5(2143c),
1967 no. 1-2(924b), 7(3233a), 8-9(4106a),
6(2924b)

Novela sovetskaya literatura po filosofii
1966 no. 11(36c), 2(925b), 3-4(370c),
1967 no. 1(471c), 5(2144b), 6-7(2924b), 8/9(4107c)

Novela sovetskaya literatura po iazyko-
znaniiu
1966 no. 11-12(53c), 2(942c), 3(386b),
1967 no. 1(488b), 5(2160c), 7-8(2934c),
4(1774c)

Novela sovetskaya literatura po istorii,
arkheologii i etnografii
1966 no. 11-12(38b), 2-3(372c), 4-5(2146a),
1967 no. 1(927a), 6(2926a), 7(3233a), 8(4105b)

Novela sovetskaya literatura po literaturo-
vedeniiu
1966 no. 11-12(55b), 2(913b), 3(387a),
1967 no. 1(489b), 5(2161c), 6(2935c),
4(1775b)

Novi knyhy URSSR
1966 no. 29-36(170a), 3-6(924b), 7-9(370c),
1967 no. 1(470a), 10-11(1760b), 13-17(2517a),
18-20(2924b), 21-24(3233b),
25-28(4106a)

Novi poezii
1966 no. 8(3779a)

Novinki detskoi literatury
1966 no. 77(10b)

Novocherkassk. Politekhnicheskii institut
Trudy
1966 v. 160(3284c),
1967 v. 164(4180c)

Novoe i zabytloe
1966 no. 1(55b)

Novoe v nauke i tekhnike
1964 no. 7(1357a),
1966 no. 13(905b)

Novoe v zhizni, nauke, tekhnike

I Seriya: Istoriya
1963 no. 10(1736c),
1965 no. 1(1340a),
1966 no. 1(2a), 20(1730a),
1967 no. 1(33a), 2(430b), 3(886b),
4(1310a), 5(1736b), 6(2110c),
7(2520b), 8(2077b), 9(2800c),
10(3403b)

Novoe v zhizni, nauke, tekhnike

II Seriya: Filosofiya
1964 no. 1(435c),
1966 no. 24(5c),
1967 no. 2/3(885b), 4(1330a), 5(2510c),
6(2122b), 7(3499a), 8(3498c),
9(3493b)

Novoe v zhizni, nauke, tekhnike

III Seriya: Ekonomika
1966 no. 8(2908a),
1967 no. 1(5a), 2(5c), 3(440b),
4(440a), 5/6(1341a), 7/9(1341b),
10(1736c), 11/12(2523a), 13(2800b),
14-15(2900a), 16(2521b), 17/18(3745c)

Novoe v zhizni, nauke, tekhnike

IV Seriya: Tekhnika
1966 no. 24(28c),
1967 no. 1(457b), 2(456c), 3(911c),
4(1360b), 5(2131c), 6(2133a),
7(2535a), 8(2530b)

Novoe v zhizni, nauke, tekhnike

V Seriya: Sel'skoe khoziaistvo
1967 no. 1(23c), 2(455b), 3(440a),
4(1357c), 5(1748a), 6(2130a),
7-8(2918b), 9(3226b), 10(3755b)

Novoe v zhizni, nauke, tekhnike

VI Seriya: Literatura
1967 no. 1(10a), 2(435a), 3(895c),
4(1347b), 5(4091c), 6(2125a),
7(2911c), 8(3496c), 10(3497a),
12(4094a)

Novoe v zhizni, nauke, tekhnike

VI Seriya: Literatura i iskusstvo
1966 no. 24(9b)

Novoe v zhizni, nauke, tekhnike

VII Seriya: Mezhduнародnaya
1967 no. 1(7b), 2(441c), 4(439a),
5(860c), 6(83b), 7-8(4131c),
9(1340b), 10(1750a), 11(2121c),
12(1222c), 14(2523b), 14-15(3220c),
17(3745c), 18(3746a), 20(4089a)

Novoe v zhizni, nauke, tekhnike

VIII Seriya: Biologiya
1967 no. 1(9c), 2(435b), 3(898c),
4(1355c), 5(2127a), 6(2128c),
7(2911b)

Novoe v zhizni, nauke, tekhnike

VIII Seriya: Biologiya i medicina
1966 no. 24(20c)

Novoe v zhizni, nauke, tekhnike

IX Seriya: Fizika, astronomiya
1967 no. 1(20b), 2(135b), 3(902b),
4(1353c), 5(1752c), 6(2127b),
7-8(2914b)

Novoe v zhizni, nauke, tekhnike

IX Seriya: Fizika, matematika,
astronomiya
1966 no. 24(10b)

Novoe v zhizni, nauke, tekhnike

X Seriya: Molodezhnaya
1967 no. 1/2(438c), 3(887c), 4(437a),
5(443a), 6(347a), 7(1343c),
8(1341a), 9(2126a), 10(2525c),
11(2523a), 12(1088a), 13(2521c),
14(4086b), 15(2908b), 17(3750c)

Novoe v zhizni, nauke, tekhnike

XI Seriya: Khimiya
1967 no. 1(20a), 2(900c), 3(452b),
4(1746b), 5(1752c)

Novoe v zhizni, nauke, tekhnike

XII Seriya: Estestvoznaniye i religiya
1967 no. 1(10a), 2(135b), 3(879c),
4(1330b), 5(1353c), 6(2128b),
7(3743b), 8(3500c), 9(3224c)

Novoe v zhizni, nauke, tekhnike

XIII Seriya: Nauka o Zemle
1967 no. 1(20a), 2/3(461a), 4(1353a),
5(1355b), 6(1748a), 7(2528c),
8(4098b), 9(2913c), 10(3754a)

Novoe v zhizni, nauke, tekhnike

XIV Seriya: Radioelektronika i aviatsiya
1967 no. 1(26c), 2(456b), 3(906b),
4(1358c), 5(1745c), 6(2132b),
7(2911a), 8(2016a), 9(3505a)

Novoe v zhizni, nauke, tekhnike

XV Seriya: Istoriya i politika KPSS
1967 no. 1(344a), 3(1730a), 4(3740c),
5-6(3221a), 7(3746c)

Novoe v zhizni, nauke, tekhnike

XIX Seriya: Matematika, kibernetika
1967 no. 2(3756c), 4(3756a)

Novoe v zhizni, nauke, tekhnike

XX Seriya: Promyshlennost'
1967 no. 2(2010c), 3(2134b), 7(3502b),
8(2917a)

Novoe v zhizni, nauke, tekhnike

XXI Seriya: Transport
1967 no. 2(2132a), 4(4102c), 5-6(2918b),
7(3502b)

Novoe vremya

1967 v. 25, no. 2(45c), 3-4(46a),
5-7(480b), 8(40a), 9-10(480c),
11-12(934b), 13(934c), 14(1380a),
15-17(1380b), 18(1380c), 19-20(1768b),
21(2153c), 22-23(1768b),
24-25(2153c), 26(2544a), 27-28(2553c),
29(2554a), 30(2929c), 31(2554a),
32-33(2020c), 34-37(2930a),
38(3773c), 39(3503a), 40-42(3514c),
43(3515a), 44-45(3774a),
46-49(4113b), 49(3774a), 51(4114a)

Novokuznetsk. Gosudarstvennyi institut dlya usover-
shensvovaniya vrachei

Trudy
1965 v. 32(92b)

Novosibirsk. Gidrometeorologicheskaya observatoriya

Sbornik rabot
1966 no. 1(413a)

Novosibirsk. Gosudarstvennyi meditsinskii institut

Trudy
1966 v. 47(4140a), 49(2094a)

Novosibirsk. Institut inzhenerov vodnogo transporta

Trudy
1966 no. 24-25(467c)

1. *Obshchestvennoe pitanie*
1967 no 1(130a), 2-3(560b), 4(102c),
5(184b), 6-7(225c), 8(2625b),
9(2990c), 10-11(3295a),
12(3562b)
1968 no 1(4173a)

2. *Obshchestvennye nauki v Uzbekistane*
1966 v. 10, no 11-12(31a)
1967 v. 11, no 1(466c), 3(1307c),
4-6(2543b), 7-9(3763b), 10-12(4104a)

3. *Obshchestvenniy zaochnyy institut; letstil*
1966 no 7(1358c)

4. *Obshchestvo po rasprostraneniю politicheskikh i nauch-
nykh znaniy Belorusskoy SSR*
1959 no 13(899a)

5. *Obshchestvo russkikh veteranov Velikoy Voyny, San
Francisco*
1966 no 234(927a)

6. *Obuzhdaem problemy sovershenstva-
vaniya planirovaniya*
1966 no 16(883b), 17(440a)

7. *Obzor pol'skoy tekhnicheskoy literatury*
1966 no 3-4(434a)

8. *Ocherki po antichnoy istoriografii*
1967 no 1(880c)

9. *Oftalmologicheskii zhurnal*
1967 v. 22, no 1(525a), 2(977a),
3(1814a), 4-5(2596b), 6(3273a),
7(3814c)

10. *Oguncupury*
1964 v. 29, no 10(2240b)
1966 v. 31, no 12(571a)
1967 v. 32, no 1(1026a), 2(4633b),
4(2240b), 5(2240c), 6(3001b),
7(3001c), 8(3030b), 9(3652c),
10(3853a)

11. *Ogonek*
1967 v. 45, no 4-6(34a), 7-11(466b),
13(466b), 14-16(923c), 17-22(1309c),
23-24(1759b), 25-29(2143a),
30-33(2540a), 34-36(2923b),
39-41(3232b), 42-46(3609a),
47-50(3764b), 51-52(4105b)
1968 v. 46, no 1(4105b)

12. *Okeanologiya*
1966 v. 6, no 5(58a), 6(401c)
1967 v. 7, no 1(2937a), 2(2163c),
3(2937a), 4(3518a)

13. *Okhoia i okhoitich'e khoziaistvo*
1967 v. 13, no 1-2(9820a), 3-4(1820a),
5-7(2203b), 8-9(2976a), 10(3278a),
11(3820b), 12(4157c)

14. *Okhrana prirody Moldavii*
1966 no 4(948c)

15. *Okhrana prirody na Urale*
1966 no 5(948a)

16. *Okhrana truda i sotsial'noe strakhovanie*
1966 v. 8, no 12(42b)
1967 v. 10, no 1(2552a), 2(831c),
3(932a), 4-5(1765b), 6(2552b),
9(3771a), 10(3513a), 11(4112b)

17. *Okliabr'*
1961 v. 38, no 6(1775b)
1966 v. 43, no 10(3770b), 12(489c)
1967 v. 44, no 1(943b), 2-3(2161c),
4-5(2182a), 6(3770b)
v. 45, no 6(3770b)

18. *Olomouc, Moravia - Palackeho univer-
siteta Filosoficka fakulta Philologica*
1962 no 6(106c)

19. *Omsk Institut inzhenerov zheleznodorozhnogo transporta
Trudy (Nauchnye trudy)*
1965 no 56(2230c), 58(455c), 61-62(1018b)

20. *Omsk Meditsinskii institut
Trudy (Nauchnye trudy)*
1965 no 67(2064b)

21. *Omsk. Sel'skokhoziaistvennyi institut
Trudy (Nauchnye trudy)*
1965 v. 57(982a)

22. *Omsk. Sibirskii nauchno-issledovatel'skii veterinarnyi
institut*
Sbornik nauchnykh rabot
1962 no 11(107a)

23. *Onchyko*
1965 v. 12, no 1-6(923c)
1966 v. 13, no 1-6(923c)
1967 v. 14, no 1(923c)

24. *Opisanie izobrazheniynykh materiy*
Pushkinskogo doma
1962 no 7(3751c)

25. *Opredeliteli po faune SSSR*
1965 no 80(791c)
1967 no 93(1701c), 94(1701c)

26. *Optika i spektroskopiya*
1966 v. 20, no 2(1511b),
v. 21, no 3(1991a),
6(3805c)
1967 v. 22, no 1(4140a),
3(4143c), 4(2950b),
v. 23, no 1(1140a), 2(4143c)

27. *Optiko-mekhanicheskaya priroda*
1966 v. 33, no 5(1173a),
12(561a)
1967 v. 34, no 1(4073a),
3(4814c), 4(4324b),
7(3207a), 8(4560b)

28. *Optimal'noe planirovaniye*
1966 no 3(400a), 4(1063a),
6(962a), 7(2054a)

29. *Opyt raboty bibliotek v knozhnykh i
literaturnykh Muzeyakh Vostochnoy
Sivernoy Azii (muzei i knozhnye
raboty bibliotek v inostrannykh
muzei)*

30. *Opyt stroyeniya*
1961 no 33(2210a)

31. *Otdzhonkidze, Severo-Osetinskii nauchno-
meditsinskii institut
Sbornik nauchnykh trudov*
1961 no 10(522b)

32. *Otdzhonkidze, Severo-Osetinskii nauchno-
skii institut
Izvestiya*
1966 v. 25(32b)

33. *Orehovo-Zuevo, Pedagogicheskiy institut
Uchenye zapiski*
1966 v. 23(3027b), 21, no 1(107a),
29, no 2(3763b)

34. *Orehovo-Zuevo, Pedagogicheskiy institut
Orehovo-Zuevo Pedagogicheskiy institut
zapiski*

35. *Orel, Gosudarstvennyi pedagogicheskiy
Uchenye zapiski*
1966 v. 33(1104a)

36. *Organizatsiya i planirovaniye strany
narodnoy khoziaistva*
1966 no 2-3(2551b)

37. *Organizatsiya i upravleniye natsional-
shebel' promyshlennosti*
1966 no 2(761b), 3(2150a),
6(1764c)

38. *Oriologiya*
1967 no 8(3624b)

39. *Orthodox Eastern Church, Russian Empire
Zhurnal Moskovskoy Patriarkhatskoy
1966 no 12(472b)
1967 no 8(4106a)*

40. *Ortopediya, travmatologiya i psichiatrya*
1966 v. 27, no 12(630a),
1967 v. 28, no 1(1071b), 1(1071b),
4(1817a), 6-7(2040a)

41. *Osnovaniya, fundamenty i mekhanika
gruntov*
1966 v. 8, no 5(551b)

42. *Osnovy nematodologii po Akademiye
Gel'mintologicheskaya laboratoriya Odesk
tologiya*

43. *Olvechaem na voprosy rabochikh i sel'skikh,
turidcheskie konnulye*
Profizdata
1966 no 19(47a), 21(47a), 23(47a)

44. *Oytevodstvo*
1966 v. 12, no 9-12(2203b)
1967 v. 13, no 1-7(2203b), 10(3270a),
11(3270a), 12(3270a)

45. *Ovtsvodstvo, Kiev*
1966 no 2(2003b)

46. *Ovyd*
1966 v. 17, no 3-4(1300c)
1967 v. 18, no 1(400b), 2(2547a)

47. *PMTF: zhurnal prikladnoy mekhaniki i
tekhnicheskoy fiziki*
1962 no 3(112b)
1966 no 3(3825b), 6(1824c)
1967 no 1(4100c), 2(2208c), 3(112b),
4(3825b)

48. *Obshchestvennoe pitanie*
1967 no 1(130a), 2-3(560b), 4(102c),
5(184b), 6-7(225c), 8(2625b),
9(2990c), 10-11(3295a),
12(3562b)
1968 no 1(4173a)

49. *Obshchestvennye nauki v Uzbekistane*
1966 v. 10, no 11-12(31a)
1967 v. 11, no 1(466c), 3(1307c),
4-6(2543b), 7-9(3763b), 10-12(4104a)

50. *Obshchestvenniy zaochnyy institut; letstil*
1966 no 7(1358c)

51. *Obshchestvo po rasprostraneniю politicheskikh i nauch-
nykh znaniy Belorusskoy SSR*
1959 no 13(899a)

52. *Obshchestvo russkikh veteranov Velikoy Voyny, San
Francisco*
1966 no 234(927a)

53. *Obuzhdaem problemy sovershenstva-
vaniya planirovaniya*
1966 no 16(883b), 17(440a)

54. *Obzor pol'skoy tekhnicheskoy literatury*
1966 no 3-4(434a)

55. *Ocherki po antichnoy istoriografii*
1967 no 1(880c)

56. *Oftalmologicheskii zhurnal*
1967 v. 22, no 1(525a), 2(977a),
3(1814a), 4-5(2596b), 6(3273a),
7(3814c)

57. *Oguncupury*
1964 v. 29, no 10(2240b)
1966 v. 31, no 12(571a)
1967 v. 32, no 1(1026a), 2(4633b),
4(2240b), 5(2240c), 6(3001b),
7(3001c), 8(3030b), 9(3652c),
10(3853a)

58. *Ogonek*
1967 v. 45, no 4-6(34a), 7-11(466b),
13(466b), 14-16(923c), 17-22(1309c),
23-24(1759b), 25-29(2143a),
30-33(2540a), 34-36(2923b),
39-41(3232b), 42-46(3609a),
47-50(3764b), 51-52(4105b)
1968 v. 46, no 1(4105b)

59. *Okeanologiya*
1966 v. 6, no 5(58a), 6(401c)
1967 v. 7, no 1(2937a), 2(2163c),
3(2937a), 4(3518a)

60. *Okhoia i okhoitich'e khoziaistvo*
1967 v. 13, no 1-2(9820a), 3-4(1820a),
5-7(2203b), 8-9(2976a), 10(3278a),
11(3820b), 12(4157c)

61. *Okhrana prirody Moldavii*
1966 no 4(948c)

62. *Okhrana prirody na Urale*
1966 no 5(948a)

63. *Okhrana truda i sotsial'noe strakhovanie*
1966 v. 8, no 12(42b)
1967 v. 10, no 1(2552a), 2(831c),
3(932a), 4-5(1765b), 6(2552b),
9(3771a), 10(3513a), 11(4112b)

64. *Okliabr'*
1961 v. 38, no 6(1775b)
1966 v. 43, no 10(3770b), 12(489c)
1967 v. 44, no 1(943b), 2-3(2161c),
4-5(2182a), 6(3770b)
v. 45, no 6(3770b)

65. *Olomouc, Moravia - Palackeho univer-
siteta Filosoficka fakulta Philologica*
1962 no 6(106c)

66. *Omsk Institut inzhenerov zheleznodorozhnogo transporta
Trudy (Nauchnye trudy)*
1965 no 56(2230c), 58(455c), 61-62(1018b)

67. *Omsk Meditsinskii institut
Trudy (Nauchnye trudy)*
1965 no 67(2064b)

68. *Omsk. Sel'skokhoziaistvennyi institut
Trudy (Nauchnye trudy)*
1965 v. 57(982a)

69. *Omsk. Sibirskii nauchno-issledovatel'skii veterinarnyi
institut*
Sbornik nauchnykh rabot
1962 no 11(107a)

70. *Onchyko*
1965 v. 12, no 1-6(923c)
1966 v. 13, no 1-6(923c)
1967 v. 14, no 1(923c)

Padomju Latvijas komunisti 1967 v. 22, no. 1(46a), 2-3(460c), 4-5(4380c), 6-7(2154a), 8(2554a), 9(3230a) v. 23, no. 10-11(3774a), 12(4114a)	Peim. Gosudarstvennyi sel'skokhoziaistvennyi institut Tudy 1965 v. 26(425b), 28, no. 2(2602a), 30(982b) 1966 v. 31(982b)	Politicheskoe samoobrazovanie 1967 v. 11, no. 1-2(46c), 3(481c), 4(935b), 5-8(1381b), 7(2154b), 8(2554b), 9(2931a), 10(3230c), 11(3515b), 12(3775a) 1968 v. 12, no. 1(4114c)
Padomju Latvijas sioviets 1967 no. 1(43a), 2(478b), 3-4(4378a), 5(2151b), 7(2553a), 8(3237c), 9(3510c), 10-11(3771b)	Peim. Nauchno-issledovatel'skii ugol'nyi institut Nauchnye trudy 1964 no. 7(2240c)	Politychno-vyzvol'na biblioteka 1964 no. 2(437a)
Paleontologicheskii sbornik 1966 no. 3, pt. 2(3783b)	Peim. Pedagogicheskii institut Uchenye zapiski 1965 v. 32(166c)	Pol'sha 1967 no. 2(34a), 3(460b), 4(1389c), 5(1759c), 6-8(2540a), 9(2923b), 10(3500a), 11(3764b), 12(4105b)
Paleontologicheskii zhurnal 1966 no. 4(60c) 1967 no. 1(39a), 2(2561a), 3(3783c)	Peim. Politehnicheskii institut Nauchnye trudy (Sbornik nauchnykh trudov) 1962 no. 12, pt. 1(112c)	Polymia 1967 no. 1(55c), 2-4(943b), 5(1387a), 6(2162a), 7(2558a), 8(2935c), 9-10(3243b), 11(1122b)
Palestinskii sbornik 1966 no. 15(473a), 16(38b)	Peim. Universitet Uchenye zapiski 1962 v. 24, no. 3(921a), 1963 v. 110(2922c), 113(3231b), 1964 v. 114(921a), 119(921a), 1965 v. 131(3763b), 135(2922c), 137(2911b), 1966 v. 130(2543b), 136(2543c), 142(2922c), 145(4104a), 117(2922c)	Populiarnye lektsii po astronomii 1966 no. 14(900c)
Pamiatniki pis'mennosti Vostoka 1967 no. 3(4091b), 16(1339c), 21(3222b)	Peshchery 1962 no. 2(492a)	Populiarnye lektsii po matematike 1966 no. 5(901b), 12(3754b), 43(453c)
Parazitologicheskii sbornik 1967 v. 23(3525a)	Petrozavodsk. Universitet Uchenye zapiski 1965 v. 13, no. 2(4104b)	Poroshkovaya metallurgii 1966 v. 6, no. 1(140a), 12(571b), 1967 v. 7, no. 2-3(463c), 4(1852b), 5(2211a), 6(2637a), 7(2637c), 8(3568c), 9(4183a)
Parazitologija 1967 v. 1, no. 1(2917c), 5(3783c)	Pilt ja sona 1965 v. 20, no. 9(2143a)	Posobie po obucheniu mladogo soldata 1966 no. 1(461c), 3(462b)
Parazitny zhivotnykh i rastenii 1965 no. 1(71b) 1966 no. 2(507c)	Pioneri 1967 v. 44, no. 1(31a), 2-3(460b), 4(1380c), 5(1759c), 6-7(2516a), 8(2923b), 9(3232b), 10(3500a), 11(3764b)	Povyshenie plodorodila pochv nechemo- zemnoi polosy 1967 no. 3(2977a)
Partiia turmushi 1966 no. 11(46a), 12(480c), 1967 no. 2(480c), 3(934c), 4(1380c), 5(1768c), 6(2154a), 7-8(3230a), 9(3515a), 10(3774a)	Pioneri. In Armenian 1964 no. 2(923c) 1967 no. 1(460b), 3(1750c), 5(2923b), 9(4105b)	Pozharnoe delo 1965 no. 8(2619a) 1966 no. 2(2619a), 4-6(2619a), 9-12(2619a), 1967 no. 1(2619a), 2(2981c), 3(2985a), 4-7(2619a), 8-9(3290b), 10(3555c), 11(3831a), 12(4168a)
Partiinai zhizn' 1967 no. 1(46a), 2(480c), 3(481a), 4(481b), 5-6(934c), 7(1768c), 8(1380c), 10-11(2154a), 12(2554a), 13(2554b), 14-16(2930b), 12(2554a), 16(3230b), 19(3515a), 20(3774a), 21(3774b), 22-23(4114a) 1968 no. 1(4114b)	Pioneri. In Turkmen 1967 no. 1(460b), 2-3(1360c), 4-5(2546a), 6-7(2923b), 8-9(3232b), 11(4105b)	Praktikum po primeneniiu izotopov i izuchenii v sel'skom khoziaistvo 1959 no. 4(23c)
Partiinai zhizn' Tashkent 1966 v. 9, no. 12(46b) 1967 v. 10, no. 3-4(1381a), 5(1768c), 2(1380c), 9(3774b), 10(3774c), 11(4114b), 12(4114c)	Pioneri - znachiti pervyi 1967 no. 4(4088c)	Prapri: literaturno-khudozhnii ta hiomada'- ko-politychnii zhurnal 1967 no. 1(943b), 2(489c), 4(1387a), 5(2162a), 6-7(2558a), 8(2935c), 9(3243b), 10(3779c)
Partiinai zhizn' Kazakhstana 1966 v. 36, no. 4-7(935a), 3(935b), 1967 v. 37, no. 1(481b), 6-7(2930c), 4(1381b), 5(1768a), 10-11(3775a), 8(3230a), 9(3774c)	Pisatel' i zhizn' 1968 no. 3(55c) 1967 no. 4(3779b)	Pratsi Instytutu doslidiv Volyni see Win- nipeg Ukrainian Research Institut of Volyn P'a- ceedings
Patentnyi fond Sotsialisticheskoi Respubliki Rumynii; dopolnitel'nyi vypusk 1966 no. 1(3025c)	Pivnichne slaiivo 1967 no. 3(3779b)	Pratsi Instytutu vykorystannia gazu v kommunal'nomu hospodai'stvi ta pro- myslovosti see Akademiia nauk URSR, Kiev Instytut vykorystannia gazu v kommunal'nomu hos- podaistvi ta promyslovosti Pratsi
Patologicheskai fiziologija i eksperi- mental'nai terapiia 1964 no. 3(90a) 1967 v. 11, no. 1(2196a), 2(1014c), 4(3542a)	Pianovoe khoziaistvo 1967 v. 43, no. 1(41c), 2(477a), v. 44, no. 3(931a), 4(1376c), 5(1768c), 6(2162a), 7-8(3235c), 9(3235a), 10(3512c), 11(3769c)	Pravoslavnyi ukrainets' 1967 v. 13, no. 4(3233c)
Pechelovodstvo 1966 v. 43, no. 12(107b) 1967 v. 44, no. 1(107b), 2-3(2203b), 4(1820a), 5(2203b), 8(2976b), 9(3546a), 10-11(3820b)	Plasticheskie massy 1962 no. 9(118c) 1966 no. 12(118c) 1967 no. 1(547b), 2(1000b), 3(1441b), 4(1411c), 5(2216b), 6(2162b), 7(2983a), 8(4105c), 9(3832a)	Pravoznavstvo see Problemy pravoznav- stva
Pechat' SSSR; statisticheskie materialy 1966 for 1965 (471b) 1967 for 1966 (2547b)	Pochvennye uslovia i effektivnost' udobrenii 1963 no. 1(104c)	Priepodavanie istorii v shkole 1967 no. 2(473b), 3(1761c), 4(2548a), 5(3234a)
Pechero-lychskii gosudarstvennyi zapovednik Trudy 1964 no. 11(1701c)	Pochvovodstvo 1960 no. 3(533a), 4(533b) 1966 no. 12(105a) 1967 no. 1(533b), 2(982b), 3(1425c), 4-5(2200c), 6-7(2973a), 8(3277c), 9(3554c), 10(3818c)	Pribarostroenie 1965 no. 1(1018c)
Pediatria 1966 v. 45, no. 2-3(1420a), 5(1813b), 6(3540c), 10(3540c) 1967 v. 46, no. 2(525a), 5(1420a), 6(2595a), 9(3272c), 10(3540c), 11-12(4152a)	Pod'em 1967 no. 1(489c), 2(1775b), 3(2558a), 4(2935c), 5(3779b)	Pribyry i sistemy avtomatiki 1966 no. 2(2222a), 3(3558c), 4(2222b)
Pediatria, akusherstvo i genekologija 1965 v. 27, no. 4-6(2668a)	Poliarnai zvezda 1963 no. 3(55c) 1964 no. 6(55c) 1967 no. 1(489c), 2(1387a), 3(2102a), 4(2935c), 5(3779b), 6(4122b)	Pribyry i tekhnika eksperimenta 1965 v. 10, no. 4(144a) 1966 v. 11, no. 2(3806a), 3(4144c), 4(3538a) 1967 v. 12, no. 1(2959c), 3(4145a), 4(4145c)
Peledovol nauchno-tekhnicheskii i proizvodstvennyi opyt 1967 no. 6-8-12(20360c)	Poligrافическое производство see Polli- grafika	Prikladnai biokhimiia i mikrobiologija 1966 v. 2, no. 6(71c) 1967 v. 3, no. 2(1791c), 3(2948a), 4(3525b), 5(4126a)
Perets' 1967 v. 41, no. 2(34a), 3-4(469b), 5-6(923c), 7-8(1380c), 9-10(1759b), 11(2143a), 12-14(2546a), 15(2823b), 16(3232b), 17(2923b), 18(3232b), 19(3509a), 20-21(3764b)	Poligrafika 1963 no. 1(471b), 9(36a), 1965 no. 2(36b), 11(370c), 12(36b), 1966 no. 1-10(36b), 11(370c), 12(36b), 1967 no. 1(36b), 2(471b), 3(925b), 4(1370c), 5(1760c), 6(2144b), 7(2547b), 8(2924b), 9(3233b), 10(3509c), 11/12(4107b)	Prikladnai geometriia i inzhenernai grafika 1966 no. 3(2209a)
Pergale 1967 no. 1(55c), 2-3(489c), 4-5(1387a), 6-7(2162a), 8(2558a), 9(3243b), 10(3518a), 11-12(4122a)		Prikladnai matematika i mekhanika 1966 v. 30, no. 2(4138a), 6(514b), 1967 v. 31, no. 1(409c), 2(1802c), 3(2581c), 4(3201a)

- Prikladnaya mekhanika**
1966 v. 2, no 1(433a), 12(564a)
1967 v. 3, no 1(455c), 3-4(4845a),
5(2231a), 6(2628a), 7(2995a),
8(3297b), 9(3565a), 10(3846c)
- Primenenie ul'trakustiki k issledovaniyu veshchestva**
1967 no 22(3538c)
- Prirada**
1966 v. 55, no 12(60b)
1967 no 1(501c), 2(1395b), 3(1786c),
4(2169c), 5(2170a), 6(2565a),
7(2944b), 8(3248b), 9(3788c),
10(4125b)
- Problemy Arktiki**
1959 no 7(58a)
- Problemy Arktiki i Antarkтики**
1966 no 23-24(949a)
1967 no 25-26(1644)
- Problemy difraktsii i rasprostraneniya voln**
1966 v. 6(2587c)
- Problemy endokrinologii**
1967 v. 13, no 1(2964c), 5(3539c)
- Problemy endokrinologii i gormonoterapii**
1962 v. 8, no 5(2064c), 6(222b)
1963 v. 9, no 1(92c)
- Problemy filosofii**
1966 no 3(2924b)
- Problemy fiziologii i patologii vysshei nervnoi deiatel'nosti**
1966 no 3(976b)
- Problemy gastroenterologii**
1966 no 1(3542b)
- Problemy gematologii i perekrivaniya krovi**
1963 v. 8, no 2-3(99b)
1965 v. 10, no 12(527b)
1966 v. 11, no 5(2106b)
1967 v. 12, no 1(527c), 7(2968b),
9(3815a), 10(3815b), 12(4152b)
- Problemy kibernetiki**
1961 no 5(1395c)
1965 no 13(949b)
1966 no 17(949b)
- Problemy kosmicheskoi fiziki**
1966 no 1(3789b)
- Problemy matematicheskoi fiziki**
1966 no 1(518b)
1967 no 2(3538c)
- Problemy mira i sotsializma**
1967 v. 10, no 1-2(46c), 3(46c),
4(1381b), 5(1769a), 6-7(2154b),
8(2554b), 9(2831a), 10(3230c)
- Problemy ortopedicheskoi stomatologii**
1966 no 1(979c)
- Problemy osvosheniya pustyn'**
1967 no 1(3277c), 2(3544c), 3(3278a)
- Problemy peredachi informatsii**
1967 v. 3, no 1(410a), 2(2582a),
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- Problemy pravoznavstva**
1965 no 1(46c), 2(936a)
1966 no 3(936b), 4(3239c)
- Problemy Severa**
1967 no 11(2937b)
- Problemy sovremennoi ekonomiki Kazakhstana**
1966 no 2(2150a)
- Problemy sovremennoi khimii koordinatsionnykh soedinenii**
1966 no 1(611a)
- Problemy tuberkuleza**
1949 no 1(2191b)
1967 v. 45, no 3(3539c), 4(2592b),
5(2965a), 6(2592c), 9(3811a),
10(4149b), 11(4149c)
- Prochnosti i dinamika aviatsionnykh dvigatel'ei**
1966 no 3(542c), 4(436b)
- Professional'no-tekhnicheskoe obrazovanie**
1966 v. 23, no 10(2209b)
1967 v. 24, no 1-2(992b), 3(2209b),
4(2209c), 6(2979a), 8(4161a),
9(3549c)
- Programmirovannoe obucheniye**
1967 no 1(4117b)
- Programmy dlia ETSVM "Minsk-2" see**
Esti NSV Teaduste Akadeemia Kuberneetika
Institut Programmy dlia ETSVM
"Minsk-2"
- Prokop'yevsk Fizicheskii nauchno-issledovatel'skii uchebnyi institut**
Sbornik
1957 no 4(483b)
- Promyshlennaya aerodinamika**
1966 no 27(551b), 28(551c)
- Promyshlennaya energetika**
1961 v. 16, no 1(26c), 3(449b)
1967 v. 22, no 1(3559a), 2(2687a),
3(3559a), 4(2987b), 5(3839a),
6(3292a), 8(3830b), 9(4171a)
- Promyshlennoe stroitel'stvo**
1961 v. 39, no 12(551c)
1966 v. 43, no 3(1003a), 4(445c),
6-7(1003b), 11(122a), 12(551c)
v. 44, no 11(122a), 12(551c)
v. 44, no 3(445c)
v. 45, no 9(3834a)
- Promyshlennoe stroitel'stvo i inzhenernye sootuzheniya**
1966 v. 8, no 6(552a), 5(4168b)
1967 v. 9, no 2(3290b)
- Promyshlennosti' Armenii**
1966 v. 9, no 10(112c), 11(541a),
12(992c)
1967 v. 10, no 1(992c), 2-3(1825a),
4(2209b), 6(4161b), 7(3550a),
8(4161c)
- Promyshlennosti' Belorussii**
1966 v. 9, no 12(113a)
1967 v. 10, no 1(541a), 2(541b),
3(4434a), 4(2209c), 5(2609b),
6(2120a), 7(3825c), 8(4161c),
9(4162a), 10(3550a), 11(3826a)
- Promyshlennyye zdaniya**
1961 no 2(122b)
- Propagandist i agitator**
1955 no 2(1031c)
- Prostor**
1966 v. 33, no 12(55c)
1967 v. 34, no 2-3(489c), 4(943b),
5(1775b), 6(2162a), 7(2558a),
8(2935c), 9-10(3243b), 11(3778c),
12(4122b)
- Ptitsyevodstvo**
1962 no 1(2203b), 12(2203b)
1965 v. 15, no 1(2203b)
1966 v. 16, no 3(985b), 10-12(2203b)
1967 v. 17, no 1-7(2203b), 8(2970b),
9(3279a), 10(3546a), 11(3820b)
- Publicationes Instituti Philologiae Slavicae Universitatis Debreceniensis**
1963 no 4(1743a)
- Publikatsii Otdeleniya strukturnoi i prikladnoi lingvistiki Moskovskogo universiteta see** Moscow Universitet, Otdelenie strukturnoi i prikladnoi lingvistiki Publikatsii
- Publikatsii Tartuskoj astronomicheskoi observatorii see** Tartu Astronoomia observatorium. Publikatsioonid. Publikatsii Tartuskoj astronomicheskoi observatorii
- Pulkovo Glavnaya astronomicheskaya observatoriya**
Izvestiya
1966 v. 24, no 3-4(1787c)
- Pulkovo, Glavnaya astronomicheskaya observatoriya**
Setnechnyye dannyye
1966 no 1-3(2945c), 11-12(2945c)
- Punafilippu**
1966 v. 23, no 6(55c)
1967 v. 24, no 1(489c), 2(1387a),
3(2558a), 4(3243b)
- Pushkin, Leningradskii sel'skokhoziaistvennyi institut**
Zapiski
1965 v. 98(105a), 97(2973b), 98, no 3(982c)
1966 v. 105, no 1(982c), 105, no 6(2973c),
106(3545a)
- Pu'ti i putevoye khoziaistvo**
1966 v. 10, no 7(552b), 8(122b),
9-10(552b), 12(122c)
1967 v. 11, no 3(4168b), 2(1003c)
- Pyatigorsk. Farmatsiicheskii institut**
Uchenyye zapiski
1966 v. 6, no 2(1816b)
- Pytaniya ateizma**
1965 no 1(472c)
- Pytaniya nauchnogo komunizma**
1966 no 1(769a)
- Pytaniya politicheskoi ekonomii**
1965 no 1(376c)
- Qazaqstan Ayteldeti**
1967 no 1(43a), 2(478b), 3(478b),
5(1378a), 6(1760b), 7(1760b),
9(3237c), 10 11(3514a)
- Qazaqstan auyl sharyashylyghy**
1962 no 2-4(2199a), 6-12(2199a)
1963 no 1-2(2199a)
1964 no 1-7(2199a), 9-12(2199a)
1967 v. 11, no 1(681a), 6(2109a),
9-10(3545b), 11(4156a)
- Qazaqstan kommunisti**
1967 v. 46, no 1(44a), 2(44a),
3-4(933b), 5(378c), 6(378c),
7-9(3239c), 10-11(3515a), 12(414)
- Qazaqstan mektebi**
1966 no 11(48b)
1967 v. 42, no 3(1383b), 4(1771a),
6-8(3241a), 9(3515c)
v. 43, no 9(3515c)
- RT; obshchestvenno-politicheskie illiustrirovannyye ozhnodel'niki**
1967 no 4-8(34a), 9-11(469b), 12-14(469b),
23(1750c), 24-25(2143a),
26-31(2546a), 32-35(2923b),
37-38(2923b), 39(3232b), 41(4217b),
43-47(3764b), 48-50(3764b),
52(4105b)
- Raamatukroonika. Knizhnaya kolleksiya**
1965 v. 2(3233b)
1966 v. 2-3(3233b), 4(3509b)
1967 v. 1(3509b)
1968 Indexes for 1965 (3765a)
- Rabochi-krest'ianskii korrespondent**
1967 no 2(34a), 3(489b), 4(943b),
5(1365c), 6(1756c), 7-8(1756c),
10(3232b), 11(3764b)
- Rabotnitsa**
1967 no 1-2(42b), 3(932a), 4(1177c),
5(7865b), 6(2151a), 7(3125a),
8(2828a), 9-10(3237a), 11-12(3778c)
- Rabotnitsa i sialianka**
1967 v. 43, no 1(42b), 2(477c),
3(932a), 4(1377c), 5(767c),
6(2151a), 7-8(2922a), 9(3237a)
- Radians'ka shkola**
1966 v. 15, no 8(2932b), 6(4117c), 7(2255c),
9(1117c), 11(1117a), 12(383c)
1967 v. 45, no 1(383c), 2(383c),
v. 46, no 5(2577a), 6(4117a),
7(2932b), 10(1117b)
- Radians'ka zhinka**
1967 v. 22, no 1(43a), 2(476b),
3(932c), 4(1378a), 5-6(717c),
7-8(2828a), 9(3237c), 10(3514a),
11-12(3778b)
- Radians'ke literaturooznavstvo**
1966 v. 11, no 12(1387b)
1967 v. 11, no 1(387b), 2(1775b),
7(3518a)
- Radians'ke pravo**
1966 v. 20, no 12(47a),
1967 v. 39, no 1(936b), 2(936c),
3(936c), 4(1769c), 5(2151c),
6(2931b), 7(3240a), 8(4115a),
9(3775b), 10(3775c)
- Radio**
1966 no 11(556c)
1967 no 1-2(836c), 3(1008b), 4(1637a),
5(2222b), 6(2622a), 7(3292a),
9(3559b), 10(4171b)
- Radiobiologiya**
1962 v. 2, no 4(507c), 5(955a)
1966 v. 6, no 5(72a), 6(72b)
1967 v. 7, no 1(955b), 2(3794b),
3(4128b), 4(3794b), 5(3794c)
- Radiokhimiya**
1968 no 6(511b)
1967 v. 9, no 1(403b), 2(1795c),
3(2573c), 4(3530b)
- Radiotekhnika**
1967 v. 22, no 1(556c), 2(1003c),
3(1449c), 4(1837c), 5(2222c),
6(2622b), 7(3292c), 8(4115b),
9(3839b), 10(3839c)

Referativnyi zhurnal. Truboprovodnyi transport (Otdel'nyi vypusk 45)
1967 no 10(4176a)

Referativnyi zhurnal. Turbostroenie (Otdel'nyi vypusk 19)
1966 no 11-12(3565b)
1967 no 10(4176a)
Predmetnyi ukazatel' za 1966 g (3565b)

Referativnyi zhurnal. Vodnyi transport
1967 no 10(468a), 2(578b), 3(933c), 4(468a), 5-6(2249a), 7(2645b), 8(3007b), 9(3308c), 10-11(4193c), 12(468a)
Avtorskii ukazatel' za 1966 g
Predmetnyi ukazatel' za 1966 g

Referativnyi zhurnal. Vozdushnyi transport
1967 no 10(44a), 2(543a), 3(996c), 4(438c), 5(1827b), 6(2213b), 7(2612c), 8(2980b), 9(3296b), 10(351c), 11(3827c)
Avtorskii ukazatel' za 1966 g
Predmetnyi ukazatel' za 1966 g

Referativnyi zhurnal. Zhelezнодорожный транспорт
1967 no 1(33b), 2(564b), 3(1019a), 4(456a), 5-6(2231b), 7(2728b), 8-9(2095b), 10(3556b), 11-12(4170a)
Avtorskii ukazatel' za 1966 g
Predmetnyi ukazatel' za 1966 g

Referativnyi khudozhestvennoi samodelatel'stvo
1962 no 23(44c)
1965 no 21(888c)
1966 no 4(444a), 23(12b), 1(2528a), 5(2125c), 6(2524c), 7(2528a), 8(2123b), 9(2124a), 10(2911b), 11(2527c), 13(3222a), 14(2911a), 15(4092a), 16(2912a), 17(3740c), 18(3752a), 19(3748a), 20(4090b), 22(4094b)

Respublikanskii mezhdunarodnyi sbornik Geologiya i geokhimiya goruchikh iskopaemykh see Geologiya i geokhimiya goruchikh iskopaemykh
Rezultaty nabludeni sovetskikh iskusstvennykh sputnikov Zemli see Akademika nauk SSSR Institut teoreticheskoi astronomii
Rezultaty nabludeni sovetskikh iskusstvennykh sputnikov Zemli

Ridna tserkva
1969 v 15, no 68(37a)
1967 v 16, no 70(1371c), 71(2925a)

Riga. Latvijas lopkopības un veterinārijas zinātniski pētnieciskais institūts Raksti
Trudy Latvīskogo nauchno-issledovatel'skogo instituta zhivotnovodstva i veterinarii
1966 no 3(820a)

Riga Politehniskais institūts Zinātniskie raksti
Uchenye zapiski Rīžskogo politehnicheskogo instituta
1965 v 16, no 9(3293a)

Riga Universitāte. Aspirantu zinātniskie raksti
Uchenye zapiski aspirantov
1967 v. 7(3231b)

Riga Universitāte. Padomju Savienības Komunistiskās partijas vēstures katedras darbi
Trudy Kafedry istorii Kommunisticheskoi partii Sovetskogo Soiuza
1965 no 3(3510b)

Riga Universitāte. Zinātniskie raksti
Uchenye zapiski Latvīskogo gosudarstvennogo universiteta
1963 v 5(3243a)
1964 v. 58(937a), 62(3508a)
1966 v. 78(3508a)

Rodimyi kral
1968 no 65-66(577b), 67(442c), 68(577b), 69(4460b), 70(2245c), 71(3308b), 72(3570c)

Rodina
1965 v 7, no 6(2923b)
1967 v. 9, no 2(1769c), 5(3509a), 3(2923b)

Rodnye dani
1968 v. 12, no 150-153(34n)
1967 v. 13, no 154-155(34a), 156-157(169b)
v 14, no 158-159(169c), 160(759c), 161(2546a), 162(2923b), 163(3232b), 164(3509a), 165(3764b), 166(4105b)

Roman-gazeta
1968 no 20(15b), 21(446a), 2(11c), 3(448b), 4(447a), 5(892c), 6(690a), 7(740b), 9(347c), 11-12(2125b), 13(2527b), 14(2528a), 15(2528a), 17(2913a), 18(3497b), 19(3196b), 20(3497a), 21(3752a), 22(3749b), 23-24(4091b)

Romano-germanskaia filologiya
1962 no. 4(366b)

Rossia i Vselenskaia iskorov'
1966 no 4(926a)
1967 no. 1(926a)

Rosi i ustoičivost' rastenii
1966 no 2(855c)
1967 no 3(3526a)

Rost kristallov
1965 v 5(70c), 6(77b)

Rostov-on-Don. Gosudarstvennyi nauchno-issledovatel'skii protichumnyi institut (Trudy)
1969 v. 16(92c)

Rostov-on-Don. Institut inzhenerov zhelezнодорожного транспорта
Trudy
1968 no 61-62(1019a)

Rovesnik
1966 v. 4/5, no 4(34a), 9(34a), 11(34a), 12(369c)
1967 v. 5/6, no. 1-2(465b), 3(923c), 4(759c), 5-7(2546b), 8(2823b), 9-10(3232b), 11(3704b), 12(4105b)

Russia (1917- R. S. F. S. R.) Glavnoe upravlenie okhotnich'ego khoziaistva i zapovednikov Buaro tekhnicheskoi informatsii
Referativnaia informatsia
1965 no 5(2970b)

Russia (1917- R. S. F. S. R.) Rechnoi registr
Biulleten' dopolnenii i izmenenii deistvuiushchikh pravil i instruktsii rechnogo reglata
1968 no 8(1033c)
1967 no 9(4193c)

Russia (1917- R. S. F. S. R.) Vorkhovnyi Sovet
Vedomosti
1967 v. 11, no 3-4(47b), 6-7(17b), 8-12(482a), 13-17(937a), 19-21(382a), 22-23(4770a), 24(2155a), 26-29(2155a), 30-35(2555a), 36-38(2931c), 40-42(3240b), 50-51(3776a), 52(4115b)
1968 v. 12, no 1-2(4115b)

Russia (1917- R. S. F. S. R.) Verkhovnyi Sud
Biulleten'
1968 no 10(47b)
1967 no 1(47b), 2(482a), 3-4(937a), 5-6(2155a), 7-9(2931c), 10(3515b), 11(3776a), 12(4115b)

Russia (1923- U. S. S. R.) Gosudarstvennyi arbitrazh.
Sbornik instiuktivnykh ukazanii
1967 no 26(2555a)

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy
Biulleten'
1965 no 11(2155a)
1966 no 12(47b)
1967 no. 1(937a), 2(937b), 3(382a), 4(2155b), 5(2155c), 6-7(3776a), 9(3776b), 11(4115b)

Russia (1923- U. S. S. R.) Komitet po zemliannomu polozhu
[Sbornik]
1966 no 6(2210b), 7(2619b)

Russia (1923- U. S. S. R.) Komitet standartov mer i izmeritel'nykh priborov
Trudy institutov Komiteta
1966 no. 80(2609c), 81-82(993a), 84-85(993b), 87(434b), 88(2979b)

Russia (1923- U. S. S. R.) Ministerstvo morskogo flota.
Upravlenie uchebnykh zavedenii
Morskie porty, nauchnye trudy
1966 no 2(2219a)

Russia (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. Tsentral'nai nauchno-tekhnicheskai biblioteka
Literatua po zhelezнодорожному transportu
1968 v 18, no 9-10(3297c), 12(3297c)
1967 v. 19, no 3-4(3647a)

Russia (1923- U. S. S. R.) Ministerstvo srednego spetsial'nogo obrazovaniia
Biulleten'
1966 no 11-12(48b)
1967 no 2(484a), 3-4(1314a), 6(2157b), 7-11(2913a)

Russia (1923- U. S. S. R.) Ministerstvo srednego spetsial'nogo obrazovaniia
Izvestia vysshikh uchebnykh zavedenii aviatsionnoi tekhnika
1967 v 10, no 1(1827b), 2(1827b)
10biulenyi, no 40, 1967 (3027a)

Russia (1923- U. S. S. R.) Ministerstvo srednego spetsial'nogo obrazovaniia
Izvestia vysshikh uchebnykh zavedenii chernaiia metallurgii
1966 v 9, no 1(1010c)
1967 v 10, no 3(853a), 1(1671c), 2(2638b), 9(3569c), 7(3001b)

Russia (1923- U. S. S. R.) Ministerstvo srednego spetsial'nogo obrazovaniia
Izvestia vysshikh uchebnykh zavedenii elektromekhanika
1966 v 9, no 10-11(274a), 12(274a)
1967 no 1(2223a), 2(1119b), 4-5(2223b), 6(2027a), 8(3560c), 9(3560c)

Russia (1923- U. S. S. R.) Ministerstvo srednego spetsial'nogo obrazovaniia
Izvestia vysshikh uchebnykh zavedenii energetika
1966 v 9, no 1(1827a)
1967 v 10, no 3(838c), 1(1671c), 2(2638b), 6-7(3293a), 8-9(3011a)

Russia (1923- U. S. S. R.) Ministerstvo srednego spetsial'nogo obrazovaniia
Izvestia vysshikh uchebnykh zavedenii fizika
1966 v 9, no 3(1111a), 1(1671b), 2(1671b)
1967 v. 10, no 3(414c), 4(2105b), 7(2900a)

Russia (1923- U. S. S. R.) Ministerstvo srednego spetsial'nogo obrazovaniia
Izvestia vysshikh uchebnykh zavedenii geodeziia i aerofotogrammetriia
1962 no 3(68a), 6(602c)
1963 no 1(67a)
1965 no. 4(3780c)
1966 no 2-3(3250a), 4(3250a), 5(3250a)
1967 no 1(396a), 2(3250a), 4(3780c)

Russia (1923- U. S. S. R.) Ministerstvo srednego spetsial'nogo obrazovaniia
Izvestia vysshikh uchebnykh zavedenii geologiya i razvedka
1963 v 6, no 1(411a), 1(572a), 2(572a)
1967 v 10, no 3(3305b), 4(3002c), 7-8(3308c), 10(3651b)

Russia (1923- U. S. S. R.) Ministerstvo srednego spetsial'nogo obrazovaniia
Izvestia vysshikh uchebnykh zavedenii gornyi zhurnal
1963 v 6, no 1(2632a), 5(447b)
1965 v 8, no 9(572b), 10(572b)
1966 v 9, no 1(2241c), 1(2241c)
1967 v 10, no. 1(573a), 2(1111a), 3(2241c), 5(2639c), 8(3308c), 10(3651b)

Russia (1923- U. S. S. R.) Ministerstvo srednego spetsial'nogo obrazovaniia
Izvestia vysshikh uchebnykh zavedenii khimiia i khimicheskai tekhnologia
1966 v 9, no 5(611c), 6(1111c)
1967 v 10, no. 1(4030c), 4(2574a), 5(2574a), 7(3530c), 8(4131a)

Russia (1923- U. S. S. R.) Ministerstvo srednego spetsial'nogo obrazovaniia
Izvestia vysshikh uchebnykh zavedenii lesnoi zhurnal
1962 v 5, no 3(980c)
1966 v 9, no. 6(537c)
1967 v 10, no 1(980c), 2(2227a), 3(2976c), 4(1150b)

Russia (1923- U. S. S. R.) Ministerstvo srednego spetsial'nogo obrazovaniia
Izvestia vysshikh uchebnykh zavedenii mashinostroenie
1966 no 10(1010b), 12(1010b)
1967 no 1(1845b), 2(1845c), 3(2213b), 4(2231c), 5(2985b), 7(3565c)

- Russia (1923- U.S.S.R.) Ministerstvo vysshego i sred-
nego spetsial'nogo obrazovaniia
Izvestiia vysshihkh uchebnykh zavedenii
matematika
1966 no 6(62a)
1967 no 1-3(962b), 4(802c), 5(2582a),
6(2182c), 7(2967a), 8(3261b),
10(4138b)
- Russia (1923- U.S.S.R.) Ministerstvo vysshego i sred-
nego spetsial'nogo obrazovaniia
Izvestiia vysshihkh uchebnykh zavedenii,
neft' i gaz
1965 v. 8, no 7(6027a)
1966 v. 9, no 7(2640a), 8(573b),
9(4027b), 10(1027c), 11(2242a),
12(1028a)
1967 v. 10, no 1(2640b), 2(854a),
3(2640c), 4(2242b), 7(181a)
- Russia (1923- U.S.S.R.) Ministerstvo vysshego i sred-
nego spetsial'nogo obrazovaniia
Izvestiia vysshihkh uchebnykh zavedenii,
pishchevaia tekhnologiia
1967 no 1(1000a), 2(1831b), 3(2616c),
4(1166a), 5(4166b)
- Russia (1923- U.S.S.R.) Ministerstvo vysshego i sred-
nego spetsial'nogo obrazovaniia
Izvestiia vysshihkh uchebnykh zavedenii,
pravovedenie
1966 v. 10, no 4(937c)
1967 v. 11, no 1(2155c), 2-3(3778b),
4(4115c)
- Russia (1923- U.S.S.R.) Ministerstvo vysshego i
srednego spetsial'nogo obrazovaniia
Izvestiia vysshihkh uchebnykh zavedenii,
piibiotstroenie
1959 v. 2, no 6(1176a)
1966 v. 9, no 6(4176b), 6(4176c)
1967 v. 10, no 1(3297c), 4(2232a),
5(4176c), 6(3297c), 7(4177a),
8(3847a)
- Russia (1923- U.S.S.R.) Ministerstvo vysshego i
srednego spetsial'nogo obrazovaniia
Izvestiia vysshihkh uchebnykh zavedenii,
radiofizika
1965 v. 9, no 5(969b), 6(86a)
1966 v. 10, no 1(969c), 2(2588b),
3(1808c), 8(3806c)
- Russia (1923- U.S.S.R.) Ministerstvo vysshego i sred-
nego spetsial'nogo obrazovaniia
Izvestiia vysshihkh uchebnykh zavedenii,
radiotekhnika
1966 v. 9, no 5-6(128b)
- Russia (1923- U.S.S.R.) Ministerstvo vysshego i
srednego spetsial'nogo obrazovaniia
Izvestiia vysshihkh uchebnykh zavedenii,
stroitel'stvo i arkhitektura
1966 v. 9, no 9(52b), 12(942a)
- Russia (1923- U.S.S.R.) Ministerstvo vysshego i sred-
nego spetsial'nogo obrazovaniia
Izvestiia vysshihkh uchebnykh zavedenii,
tekhnologiia legkoi promyshlennosti
1966 no 5(130b), 6(550b)
1967 no 1(4012c), 2(2228c), 3(2625b),
4(3815b), 5(3843c)
- Russia (1923- U.S.S.R.) Ministerstvo vysshego i
srednego spetsial'nogo obrazovaniia
Izvestiia vysshihkh uchebnykh zavedenii,
tekhnologiia tekstil'noi promyshlennosti
1966 no 5(130b)
1967 no 1(2226a), 4(3843c)
- Russia (1923- U.S.S.R.) Ministerstvo vysshego i sred-
nego spetsial'nogo obrazovaniia
Izvestiia vysshihkh uchebnykh zavedenii,
tsvetnaia metallurgia
1965 v. 9, no 6(1028b)
1967 no 4(4184b)
- Russia (1923- U.S.S.R.) Ministerstvo vysshego i
srednego spetsial'nogo obrazovaniia
Nauchnye doklady vysshei shkoly,
biologicheskie nauki
1967 v. 10, no 1(956a), 2(1399c),
3(1792a), 4(2174b), 5-6(2589b),
7(3254b), 8(3526b), 9(3794c),
10(3795a)
- Russia (1923- U.S.S.R.) Ministerstvo vysshego i
srednego spetsial'nogo obrazovaniia
Nauchnye doklady vysshei shkoly,
ekonomicheskie nauki
1961 v. 4, no 1(477a)
1967 v. 10, no 1(477a), 2(831a),
3(376c), 4(1765a), 5-6(2150b),
7(411c), 8(3236a), 9(3769c),
10-11(3770a)
- Russia (1923- U.S.S.R.) Ministerstvo vysshego i
srednego spetsial'nogo obrazovaniia
Nauchnye doklady vysshei shkoly, filologi-
cheskie nauki
1962 v. 5, no 1(488b)
1966 v. 9, no 1(2934c)
1967 v. 10, no 1(942c), 2(2557b),
3(2160c)
- Russia (1923- U.S.S.R.) Ministerstvo vysshego i
srednego spetsial'nogo obrazovaniia
Nauchnye doklady vysshei shkoly,
filosofskie nauki
1961 v. 4, no 1(171c)
1966 v. 9, no 6(1371a)
1967 v. 10, no 1(925b), 2(1760c),
3(3500c), 4(4107b)
- Russia (1923- U.S.S.R.) Verkhovnyi Sovet.
Vedomosti
1960 v. 23, no 21(937c), 38(937c)
1967 v. 30, no 1(937c), 5-8(47b),
9-12(482a), 13-17(937c), 18-21(1382b),
22-25(1770a), 26-30(2156a),
31-36(2555a), 37-39(2931c),
40-43(3246b), 44-46(3515b),
50-52(3776c)
- Russian Language Journal: Russkii iazyk
see V pomoshch' prepodavatel'iu i uskogo
iazyka v Amerike
- Russian Study Series
1965 no 50(446a)
1966 no 62(2527c)
- Russkaiia literatura
1967 v. 10, no 1(913b), 2(2558a),
3(3243b), 4(1122b)
- Russkaiia rech
1967 no 2-3(2935a), 4(3517a)
- Russkii iazyk v natsional'noi shkole
1967 no 1(53c), 2(488b), 3(2557b),
4(2935a), 5(3243a), 6(3778c)
- Russkii iazyk v shkole
1967 no 1(53c), 2-3(1774c), 4(2935b),
5(3517b), 6(3778c)
- Russko-amerikanskii pravoslavnyi vest-
nik
1966 v. 62, no 8(472c), 10(11926a),
12(472c)
1967 v. 63, no 1(37a), 2(472c),
3-1(926a), 5(1371c), 6(1701a),
7(2547c), 8(2925a), 9(3510a),
10(11910b)
- Russkoe dolo
1966 v. 8, no 10(46c), 11(481c),
12(40c)
1967 v. 9, no 1-3(461c), 4(1381b),
5(769b), 6(2154b), 7-8(2554b),
9-10(3230c), 11(3515b), 12(4114c)
- Russkoe studentcheskoe khristianskoe dvizhenie
Vestnik
1965 no 78(926a)
1966 no 80(472c), 81(2145a), 82(472c),
83(2025a)
- Ryazan. Gosudarstvennyi pedagogicheskii institut
Uchenye zapiski
1966 v. 47(3763b), 50(2543c)
- Ryazan, Meditsinskii institut
Sbornik nauchnykh trudov
1963 v. 17(417c)
- Rybinsk. Oldrometeorologicheskaiia observatoriia
Sbornik rabot
1960 no. 3(80b)
- Rybnaia promyshlennost'
1960 no 53(637a), 55(637a)
- Rybnoe khoziaistvo
1966 v. 42, no 11(107b)
1967 v. 43, no 1(537a), 2(428a),
3(1820a), 4-5(2203c), 6(2003b),
7(3279a), 8(3279b), 9(4157c),
10(3820b)
- Rybolov-sportsmen; al'manakh
1967 no. 25(1381c)
- Rybovodstvo i rybolovstvo
1967 v. 10, no 1(107c), 2(1820b),
3(2204a), 4(2970b), 5(3161a),
6(4158a)
- Sadovodstvo
1966 v. 104, no 9-12(2606b)
1967 v. 105, no 1(2606b), 3-4(2006b),
5(1821b), 6(2204b), 7(2606b),
8-9(2977b), 10(3547b), 11(4632a)
- Sadovodstvo, vinogradarstvo i vinodelie
Moldaviia
1967 v. 22, no 2(987b), 3(4229c),
4-5(2204b), 6(2606c), 7(2677b),
8(3281b), 9-10(3547b), 11(3022a)
- Salis
1966 no. 21-24(49c)
1967 no 2-3(911a), 4-5(2158c), 7-11(2158c),
12-17(3241b), 18-20(3777a)
- Sakharnaia promyshlennost'
1966 v. 40, no 0(3832b)
1967 v. 41, no 1(517b), 2(1001b),
3(4411c), 4(412a), 5(2216c),
6(2617a), 7-8(3288c), 9-10(3832c),
12(4167a)
- Sakharnaia svekka
1966 v. 11, no 9-12(2606c)
1967 v. 12, no 1-7(2606c), 8(2977b),
9-10(3281b), 11(3822a)
- Samoletoostroenie i tekhnika vozdukhno
flota
1966 no 7(1827c), 8(3828a)
- Samarkand. Gosudarstvennyi meditsinskii institut
Nauchnye trudy
1960 v. 17(3270c)
- Samarkand. Gosudarstvennyi universitet
Trudy
1959 no 95(467a)
- Saratov. Gosudarstvennyi nauchno-issledovatel'skii i
proektnyi institut po ispol'zovaniu gaza v narodnom
khoziaistve "Giponoligaz"
Ispol'zovanie gaza v narodnom khozia-
istve, sbornik nauchnykh rabot
1965 no 3(2983b)
- Saratov. Gosudarstvennyi pedagogicheskii institut
Uchenye zapiski
1966 v. 43(921c)
1966 no 16(4104c)
- Saratov. Institut mekhanizatsii sel'skogo khoziaistva
Trudy
1961 no 24(633c)
- Saransk. Mordovskii gosudarstvennyi universitet
Uchenye zapiski
1963 no 26(1758a), 20(1367c)
1964 no 31(921b), 38(1758a), 43(2141a)
1965 no 46(32b), 51, pt 1-2(32c)
1966 no 50, pt 1(2543c), 50, pt 2(3508a),
52(921b), 54(2141a), 56(2141a)
- Saratov. Sel'skokhoziaistvennyi institut
Trudy
1965 v. 15, no. 3(533c)
- Saratov. Universitet. Nauchnaia biblioteka
Trudy
1964 no 3(470c)
- Sbornik instruktiivnykh ukazanii Gosudar-
stvennogo arbitrazha sssr Russia (1923-
U.S.S.R.) Gosudarstvennyi arbitrazh. Sbornik
instruktiivnykh ukazanii
- Sbornik Instituta stalii i splavov sssr Mos-
cow. Institut stalii i splavov. Sbornik
- Sbornik izobretenii v rybnoi promyshlen-
nosti sssr Moscow Vsesoiuznyi nauchno-issledovatel's-
kii institut morskogo i rybnogo khoziaistva i okeanogra-
fi Sbornik izobretenii v rybnoi promyshlen-
nosti
- [Sbornik] Komitetu po zemliannomu poloi-
nu sssr Russia (1923- U.S.S.R.) Komitet po zemli-
annomu poloiu [Sbornik]
- Sbornik Kuznetskogo nauchno-issledovatel'-
skogo ugol'nogo institute
Kuznetskii nauchno-issledovatel'skii
Sbornik
- S

Serlia "Vagony i vagonnoe khoziaistvo"
1964 no. 4-6(133b)

i Serija
1961 no. 24(885b)
1962 no. 3(882c), 21(885c)

Sevastopol' Bašseinovaja gidrometeorologičeskaja
obseruatorija Černogo i Azovskogo morei
Sbornik rabot
1966 no. 4(1777b)

Sever
1967 v. 28, no. 1(460a), 2(943b),
3(2162a), 4(2935c), 5(3518a)

Stvero-Zapad Evropejskoi časti SSSR
1966 no. 5(1389b)

Sel'skaja molodezh'
1967 no. 1(34a), 2(460b), 3(923c),
4(1369c), 6(2143a), 7(2546b),
8(3509a), 9-10(3232b), 11-12(4105b)

Sel'skaja nov'
1967 v. 2, no. 1(105b), 2(534a),
3-4(982c), 5-6(2201a), 7(2602a),
8(2973c), 9(3278a), 10(3818a),
11(4156a)

Sel'skii mekhanizator
1966 no. 12(105b)
1967 v. 10, no. 1(105b), 2(534a),
3(982c), 4(425c), 5(2201a),
6-7(2602a), 8(2973c), 9(3278a),
10(3818b), 11(4156a)

Sel'skoe khoziaistvo; sistematičeskii
ukazatel' statel v inostrannykh zhurnalakh
1966 no. 10(105b)
1967 no. 1(534a), 3(983a), 4(819a),
5-6(2201a), 7(2602a), 8(2973c),
9(3278a), 10(3545b)

Sel'skoe khoziaistvo Belorussii
1967 v. 15, no. 1(105c), 2-3(983a),
4(1425c), 5(2201a), 7(2602a),
8(2973c), 9(3278a), 10(3818b),
11-12(4156a)

Sel'skoe khoziaistvo Kazakhstana
1967 no. 1(105c), 2(534a), 3(983a),
4-5(1425c), 6(819a), 7-8(2602a),
9(2973c), 10(3278a), 11(3845b),
12(3818b)

Sel'skoe khoziaistvo Kirgizii
1967 v. 13, no. 1(105c), 2(534a),
3(983a), 4(1425c), 5(819a),
6(2201a)
v. 14, no. 8-9(2973c), 10(3545b),
11-12(3818b)

Sel'skoe khoziaistvo Moldavii
1967 v. 12, no. 1(105c), 2(534a),
3-4(1426a), 7-8(2073c), 9(3278a),
10(3545b), 12(4156a)

Sel'skoe khoziaistvo Rossii
1967 no. 1-2(105c), 3(983a), 4-5(1426a),
6(2201a), 7(2602a), 9(2973c),
10(3278a)

Sel'skoe khoziaistvo Tadzhikistana
1967 v. 21, no. 2-3(534a), 4(983a),
5(1426a), 6(819a), 7(2602a),
8(2973c), 9-10(3278a), 11(3545b),
12(3818b)

Sel'skoe khoziaistvo Turkmenistana
1966 v. 10, no. 12(105c)
1967 v. 11, no. 1(534a), 2-3(983a),
4(819a), 5(2201a), 6(3278b),
7-8(2074a), 9(3278b), 10(3545b),
11(4156a)

Sel'skoe khoziaistvo Uzbekistana
1966 no. 10-11(105c)
1967 no. 1-2(534a), 3(1426a), 4(819a),
5-6(2201a), 7(2974a), 8-9(3278b),
10-11(3818b)

Sel'skoe khoziaistvo za rubezhom
Rasteniyevodstvo
1966 no. 7(538a)

Sel'skoe stroitel'stvo
1966 v. 16, no. 11(122c)
1963 v. 17, no. 1(4168b), 3(3834b)
v. 18, no. 7(4168c)
1965 v. 20, no. 12(4168c)
1966 v. 21, no. 9(4168a), 10(3555c),
11(3834b)

1967 v. 21, no. 1(4169a), 2(444a),
3(3834b), 4(3555c), 5(4168b),
6(3556b)

v. 22, no. 7(3556a), 8(3556b),
9-10(4169b)

Sel'skoe stroitel'stvo Prilozhenie
1960 no. 10-11(4168b)
1961 no. 3(4168b)

Sel'skokhoziaistvennaia biologija
1966 v. 1, no. 6(165c)
1967 v. 2, no. 1(426a), 3(2602a),
4(3456b), 5(3819b)

Sel'skokhoziaistvennaia literatura SSSR
1966 no. 12(100a)
1967 no. 1-2(534a), 3(983a), 4(1426a),
5(819a), 6(2201a), 7-8(2974a),
9(3285b), 10(3545c), 11(3819b),
12(4156a)

Sel'skokhoziaistvennaia nauka i praktika
za rubezhom
1965 no. 13(454c)
1966 no. 7(105b), 9(455b), 14(455b),
16(906b), 38(906b)

Sel'skokhoziaistvennoe proizvodstvo
nechernozemnoi zony
1967 v. 5, no. 2(106a), 3(534a),
4(983a), 5(1126a), 6(1819a),
7(2602b), 8(3818b), 9(3278b),
10(3545c), 11(3819b), 12(4156b)

Sel'skokhoziaistvennoe proizvodstvo
Povolzh'ia
1967 v. 13, no. 1(106a), 2-3(534a),
4(983a), 5(1426b), 6(2201a),
7-9(2974a), 10(3278b), 11(3545c),
12(4156b)

Sel'skokhoziaistvennoe proizvodstvo
Severnogo Kavkaza i T'sChO
1967 v. 5/10, no. 2(106a), 3(534a),
4(983a), 5(1426b), 6(1819a),
7(2201b), 8(2602b), 9(2974a),
10(3278b), 11(3545c), 12(3818b)

Sel'skokhoziaistvennoe proizvodstvo
Sibiri i Dal'nego Vostoka
1967 v. 11, no. 1(106a), 2(534b),
3-4(983a), 5(1819a), 6(2201b),
7(2602b)
v. 12, no. 8(2974a), 9(3278b),
10(3545c), 11(3818b), 12(4156b)

Sel'skokhoziaistvennoe proizvodstvo
Urala
1967 v. 5, no. 1(106a), 2(534b),
4(1426b), 5(1819a), 6-7(2602b),
8(3278b), 9(3278b), 10(3545c),
11(4156b)

Shakhmatnyi biulleten'
1967 v. 13, no. 1(48c), 2(486b),
3(941a), 4(1344c), 5(1773a),
6(2158c), 7(2556b), 8(2931a),
9(3241b), 10(3515c), 11(3777b),
12(4120a)

Shakhmaty
1966 no. 22-24(40c)
1967 no. 1(49c), 2-3(485b), 4-6(1384c),
7(2158c), 8(1384c), 9-10(1773a),
11-12(2158c), 13(2556b), 14-16(3241b),
20(3777b)

Shakhmaty v SSSR
1967 no. 1(49c), 2(485b), 4(1384c),
5(1773a), 6(2158c), 7(2556b),
8(2931a), 9(3241b), 10(3515c),
11(3777b)

Shakhmaty stroitel'stvo
1961 v. 5, no. 11(573b)
1966 v. 10, no. 11(41b), 12(573c)
1967 v. 11, no. 2(4026c), 3(465b),
5(2041a), 7(3003b), 8(3854c),
9(4184c), 10(3855a), 11(4185a)

Sharq i duri
1966 v. 34, no. 12(55c)
1967 v. 35, no. 1-2(499a), 3(943b),
4(1307b), 5-6(2162a), 7-9(3243b),
10(4122b)

Shemakha. Astrofizicheskaja observatorija
Soobschenija
1966 no. 2(2566b)
1967 no. 3(2566b), 6(2171a)

Shemakha. Astrofizicheskaja observatorija
Trudy
1964 v. 3(502b)

Shestimesiachnyi katalog nalichia dannykh
MGG po meteorologii see Mirovoi tsentr dannykh
MGG B Shestimesiachnyi katalog nalichia
dannykh MGG po meteorologii

Shestimesiachnyi katalog po seismologii,
tsunami i gravimetrii see Mirovoi tsentr
dannykh B. Shestimesiachnyi katalog po
seismologii, tsunami i gravimetrii

Shkil'na biblioteka
1965 no. 1(3749b)

Shkola i proizvodstvo
1966 v. 10, no. 6(2555c), 7(2933a),
9(2157b), 10(484a), 12(484b),
1967 v. 11, no. 1(1772a), 2(939c),
3(772a), 4(2157c), 5(2158a),
7(2933a), 9(3777a)

Shmel'
1966 v. 10, no. 12(31a)
1967 v. 11, no. 1(34a), 2(400a),
3(923c)
v. 12, no. 4(923c), 5(1360c),
6(2143a), 7(2546b), 8(2923b),
11(3764b)

Shveinain promyshlennost'
1966 no. 3(3844a), 6(2991a)
1967 no. 1(2691a), 2(1841b), 3(2991a),
4(3295b)

Sibirskie ogni
1967 v. 46, no. 1(55c), 2(100a),
3(943b), 4(1387b), 5(1775c),
6(2162a), 7-8(2635c), 9(3243b),
10(3518a), 11(3778c)

Sibirskii geograficheskii sbornik
1967 no. 5(946b)

Sibirskii matematicheskii zhurnal
1967 v. 8, no. 1(962c), 3(2562a),
4(3261b), 5(4138b)

Sido, Radio, Televisioon
1967 no. 1/2(221c)

Sil'ske budivnytstvo
1964 v. 14, no. 10(3556b)
1965 v. 15, no. 4(221b), 12(4169b)
1966 v. 16, no. 11(3834c), 12(4169c)
1967 v. 17, no. 1(3834c), 2(446a),
3(3834c), 4(169c), 5(3835a), 9-10(4170a),
7(4169c), 8(3835a)

Siluet
1967 v. 10(2625c)
1967 v. 10 Summer (3295b)

Sintozy geterotsiklicheskiikh soedinenii
1960 no. 7(2953b)

Skandinavskii sbornik
1966 v. 11(927a)

Skola un gimeno
1967 no. 1(48c), 2(484c), 3(939c),
4-5(1381a), 6(2158a), 7(2556a),
8-9(2933b), 10(3241a), 11(3777a)

Skynteln leniniste
1967 v. 37, no. 1(460b), 2-3(923c),
4(1369c), 5(2143a), 6-7(2546b),
8-9(3232b), 10(3764b)

Slavistica
1967 no. 57(2935b)

Stov'ians'ki bio-bibliografichni materialy
1966 v. 1(1736a)

Stovo na storozhi
1967 no. 4(3517b)

Stozhnye elektromagnitnye polia i elektricheskie tsepi
1966 no. 1(2623b)

Stuota
1966 no.
1967 no.

Stu'
11

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Sog
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Soi
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So

1. *Informatsionnyi biulleten'*
1961 no 28-29(487a)
1966 no 58(92c)
1967 no 60(106a), 61-62(2544a), 63(3763c)

2. *Sovetskaya arkhologiya*
1966 v. 10, no 4(39c), 5(473c)
1967 no 1(928c), 2(2146c), 4(3767a)

3. *Sovetskaya bibliografiya*
1964 no 5(35a)
1966 no 5(35b)

4. *Sovetskaya estrada i tsirk*
1967 no 2(51a), 3(486a), 4(941b), 5(385b), 7(2557a), 8(2934b), 9-10(3516c)

5. *Sovetskaya etnografiya*
1966 no 2(490b)
1966 no 6(490c)
1967 no 10(388c), 2(9776b), 3(2030a)
Ukazitel' statei i materialov, opublikovannykh v 1961-1965 gg (490c)

6. *Sovetskaya geologiya*
1966 v. 9, no 11-12(61a)
1967 v. 10, no 1-2(2561b), 3-4(2501c), 6(2940a), 7(3245a), 8(3215b), 9(3520c), 10(3784a)

7. *Sovetskaya iustitsiya*
1966 v. 30, no 23(47c), 24(482c)
1967 v. 31, no 2(938b), 3(482c), 4(388b), 5-6(3822b), 7-8(2770b), 9(2156a), 10(2156b), 11(2555a), 14(1115c), 19(3515b)

8. *Sovetskaya Litva: al'manakh*
1965 no 11(490a)

9. *Sovetskaya meditsina*
1963 v. 26, no 3(93b)
v. 27, no 8(811a)
1966 v. 28, no 10(523a), 11(523b), 12(93c)
1967 v. 30, no 1(523c), 2(974b), 3(811a), 4(2965b), 5(2191b), 6(2593a), 7(2965c), 9(3540a), 10(4149c)

10. *Sovetskaya muzyka*
1967 no 7(3516b), 9(4121a)

11. *Sovetskaya pechat'*
1966 no 6(943c), 11(943c)

12. *Sovetskaya pedagogika*
1966 v. 30, no 5(2933b), 6(40c), 8(49a), 12(49a), 1(484c), 2(939c), 3(1384a), 4(1772b), 5(2158a), 6(2933b), 7-9(4110a)

13. *Sovetskaya potrebitel'skaya kooperatsiya*
1966 v. 10, no 12(40a)
1967 v. 11, no 1(929b), 2(937a), 3(2549c), 4(2147a), 5-6(2510b), 7(3511a), 8(3234b), 9(3234c), 10(3767a)

14. *Sovetskaya torgovlya*
1966 no 12(474a)
1967 v. 40, no 1(40a), 2(474b), 3(520b), 4(1375a), 5(2147b), 7(2549c), 8-9(3511a), 10-11(3767b)

15. *Sovetskaya Ukraina*
1962 v. 12, no 4(55c)

16. *Sovetskaya zhenshchina*
1967 v. 23, no 2-3(43b), 4(478b), 5-6(1378b), 7(2151c), 8(2553a), 9-10(2928a), 11(3237c), 12(3514a), 13(3772a)

17. *Sovetskie arkhivy*
1966 no 1(927a), 5(1372c), 6(927b)
1967 no 1(2548b), 2(2146a), 3(2548b), 5(3766b)

18. *Sovetskie dolgoigrayushchie gramplastinki*
1965 no 6(488c), 8-12(485c)
1966 no 1-2(465c), 8-9(3516c)

19. *Sovetskie profsoluzy*
1966 v. 22, no 23-24(42c)
1967 v. 23, no 1(478a), 2-3(932b), 4-5(1765c), 6-7(1766a), 8(2151a), 9(2151b), 10(2552c), 12(2552c), 14(3237a), 15-16(3237b), 17-18(3513c), 19(4112c), 20(3771a)

20. *Sovetskii Dagestan*
1967 no. 1-2(2931a)

Sovetskii ekran
1967 no. 1-2(50b), 3-5(416b), 8-9(1385a), 10(1772b), 12-14(2556c), 15-17(2911a), 19-20(3241b), 21(4141c), 23-24(4120b)

Sovetskii film
1967 no. 1(485c), 2(641c), 4(1773b), 6(2554c), 8(4241b), 9(4516c)

Sovetskii knaznyy krent
1952 v. 2, no. 1-3(2554c), 4(138b)
1967 v. 17, no 3(2553a)

Sovetskii shakhter
1963 v. 12, no 4(11b)
1967 v. 16, no 3(1851b), 11(4185a)

Sovetskii Soluz
1967 no. 2(31b), 3(1416b), 4(2554c), 6(1759c), 10-11(3232b), 12(3141b)
1968 no 1(4105b)

Sovetskii ugolovnyi protsess
1960 no 4(1341c)

Sovetskii Uzbekistan nogodaty
1966 no. 2(923c)

Sovetskii voyn
1961 v. 43, no 21(474b), 11-12(1385a), 1966 v. 48, no 17(1161b), 21(1161b), 22(1161b), 23(1161b), 24(1161b), 25(1161b), 26(1161b), 27(1161b), 28(1161b), 29(1161b), 30(1161b), 31(1161b), 32(1161b), 33(1161b), 34(1161b), 35(1161b), 36(1161b), 37(1161b), 38(1161b), 39(1161b), 40(1161b), 41(1161b), 42(1161b), 43(1161b), 44(1161b), 45(1161b), 46(1161b), 47(1161b), 48(1161b), 49(1161b), 50(1161b), 51(1161b), 52(1161b), 53(1161b), 54(1161b), 55(1161b), 56(1161b), 57(1161b), 58(1161b), 59(1161b), 60(1161b), 61(1161b), 62(1161b), 63(1161b), 64(1161b), 65(1161b), 66(1161b), 67(1161b), 68(1161b), 69(1161b), 70(1161b), 71(1161b), 72(1161b), 73(1161b), 74(1161b), 75(1161b), 76(1161b), 77(1161b), 78(1161b), 79(1161b), 80(1161b), 81(1161b), 82(1161b), 83(1161b), 84(1161b), 85(1161b), 86(1161b), 87(1161b), 88(1161b), 89(1161b), 90(1161b), 91(1161b), 92(1161b), 93(1161b), 94(1161b), 95(1161b), 96(1161b), 97(1161b), 98(1161b), 99(1161b), 100(1161b)

Sovetskoe finno-ugrovedeniye
1967 v. 3, no 1(912c), 4(4121c)

Sovetskoe foto
1967 no. 1-2(51b), 3(184c), 4(2147b), 5(1774c), 6(2161b), 7(2934c), 8(2934c), 9(3215b), 10(3784a), 11(523b), 12(93c)

Sovetskoe gosudarstvo i pravo
1967 no 1(462c), 2(997a), 3(4770c), 4(1770c), 5(1770c), 6-10(4110a)

Sovetskoe radio i televideniye
1958 v. 7, no. 3-11(315a)
1959 v. 6, no. 3(51a), 1(773b), 2(51a)
1960 v. 0, no. 5-6(774a)
1963 v. 12, no 5-6(50b)
1967 v. 16, no 6-7(3241b), 8(3771b), 9(3771b)

Sovetskoe slavianovedeniye
1966 no. 5(927b), 6(927b)
1967 no 1(473b), 2(3731b), 3(4100b)

Sovetskoe zdavookhraneniye
1966 v. 25, no. 12(91a)
1967 v. 26, no 2(91a), 3(91a), 4-5(881c), 6(941b), 7(2503b), 8(3811c), 9(3811c), 10(3811c), 11(3811c), 12(3811c)

Sovetskoe zdavookhraneniye i fizicheskaya kultura
1956 no. 1-6(2191c)
1966 no 6(941b)
1967 no 1(974c), 2-3(2503b), 4(3811c), 5(3811c)

Sovety deputatov trudiashrabnikov
1967 no. 1-2(46c), 3-4(935b), 5(2931a), 6(2931a), 7(2931a), 8(2931a), 9(2931a), 10(2931a), 11(2931a), 12(4114c)
1968 no 1(4114c)

Sovremennaya kitayskaya literatura i obshchestvennyy nauki, refleksiya, sbornik
1961 no. 42(407a), 43(928b)

Sovremennaya Mongolija
1966 v. 11, no 11(34b)
1967 v. 11, no 1(409c), 2(4143a), 3-4(2143a), 5-6(2511b), 7-8(3509a), 9(3509a), 10(3509a), 11(3509a), 12(3509a)

Sovremennik
1966/1967 no. 14/15(400a)

Spetsial'naya shkola
1964 no. 1(3241a)
1967 no. 1-2(1384a)

Spirovaia promyshlennost'
1962 v. 28, no 5(119b), 3(547c), 4(119b)

- Tartu. Ülikool**
Renditsionnaja sposobnost' organicheskikh soedinenij
1966 v 3, no 3(2574b), 4(3257a)
1967 v 4, no 1(2574b), 2(2953b)
- Tartu. Ülikool Toimetised**
Uchenye zapiski Tartusko gosudarstvennogo universiteta
1965 no 174-175(33a), 177(33a), 178-179(922b),
181(3508a), 185(33a), 187(1758a)
1966 no 180(33a), 185(33a), 187(1758a)
- Tartu. Ülikool Vychislitel'nyi tsentr**
Trudy
1966 no 7-9(1803a)
- Taiybine mokykila**
1967 no 8(2934a), 3-4(1384b), 5(2158a),
10(3777a)
- Tarybine moteris**
1967 no 3(378b), 5(1378a), 6-7(2151c),
11-12(3772a)
- Tashkent. Astronomicheskaja observatorija**
Trudy
1967 Ser 2, v 2(2945c)
- Tashkent. Astronomicheskaja observatorija**
TSi kuliar
1966 no 334-312(952a), 343-344(2566c)
- Tashkent. Institut inzhenerov irrigatsii i mekhanizatsii sel'skogo khoziaistva**
Trudy
1960 no 15(553b)
- Tashkent. Institut narodnogo khoziaistva**
Nauchnye zapiski
1964 no 30(1377a)
- Tashkent. Universitet**
Nauchnye trudy. Filosofskie nauki
1964 no 243(1371a), 246(925c)
1965 no 279(472a)
- Tashkent. Nauchno-issledovatel'skii institut zhivotnovodstva**
Trudy
1959 no 4(1820b)
- Tashkent. Universitet**
Nauchnye trudy (Sbornik Trudy)
1962 no 210(467b)
1963 no 211(3778c)
1964 no 254(211a), 271(1366a)
1966 no 270(1758a), 273(1765b), 274(922b),
275(2544c), 276(922b), 278(467c),
281(33a), 282(33a), 283(1368a),
287(1758c), 289(3763c), 291(1758b),
295(2545a), 305(2545a)
1967 no. 307-308(2544c)
- Tashkent. Universitet**
Nauchnye trudy Geograficheskie nauki
1964 no. 269(2558c)
- Tashkent. Universitet**
Nauchnye trudy Geologicheskie nauki
1964 no. 234(196a)
- Tashkent. Universitet**
Nauchnye trudy Iuridicheskie nauki
1963 no 210(2156b), 267(1116b)
- Tashkent. Universitet**
Nauchnye trudy Khimicheskie nauki
1966 no 286(1797a)
- Tashkent. Universitet. Problemnaja laboratorija osadochnykh i osadochnykh iud**
Trudy
1966 no. 8(3753c)
- Tashkent. Vsesoluznyi nauchno-issledovatel'skii institut khitkovodstva**
Trudy
1966 no. 7(1430a)
1966 no. 8(3822a), 11(328b)
- Teatr**
1963 v 24, no. 7(51a)
1966 v 27, no. 12(941b)
1967 v 28, no. 1(91b), 3-4(1774b),
7(2034b)
- Teatral'naja zhizn'**
1967 v.10, no. 3(51b), 4-8(486a),
7(941b), 9(385b), 11(1774c),
12(2150c), 13-14(2557a),
15-16(2934b), 17(3242b), 18-20(3516c),
21-22(3777c)
- Tekhnika i tootmine**
1967 v 11, no 4-6(221a), 11(3826c)
- Tekhnicheskaja estetika**
1966 v 3, no 6(3826c), 7-8(3285b),
9(3550c), 10(2979b), 11(2979c),
12(2610c)
1967 v 4, no 1(2610c), 2(825b),
3-5(221a), 6(2979c), 7(3826c),
9(3826b), 10(4163a)
- Tekhnika i tehnologija proizvodstva plenoschnykh materialov i pokrytij dlia izdelij legkoj promyshlennosti**
nauchno-tekhnicheskaja biblioteka legkoj promyshlennosti Tekhnika i tehnologija proizvodstva plenoschnykh materialov i pokrytij dlia izdelij legkoj promyshlennosti
- Tekhnika i vooruzhenie**
1964 no. 8(3006a), 10(4190c)
1965 v 25, no 11-12(2246a)
1967 v 25, no 1-2(1857b), 3-4(1857c),
v 26, no 5(4191a), 6(3308c),
7(3571a), 9(3856c), 11(1191a)
- Tekhnika kino i televidenia**
1966 v.10, no 7(4120b), 8(3241c),
10(3777b), 11(3241c), 12(3442a),
1967 v 11, no 1(3241c), 2-3(2556c),
4-5(2158b), 6(2556c), 8(3510b),
9-10(4120c)
- Tekhnika - molodezhi**
1967 v 35, no 2(512b), 3(995a),
5(1625b), 6(221a), 7(2610c),
8(2979c), 9-10(3550c), 11(3826c),
12(4163a)
- Tekhnika v sel'skom khoziaistve**
1961 v.21, no 12(534b)
1965 v 26, no. 11(983a), 12(534c)
1967 v.27, no 1(531c), 2(983b),
3(420b), 4(220b), 5-6(2201c),
7(2971a), 8(3278b), 9(3515c),
10(4156b)
- Tekhnologija elektromashinost' i oenija**
1966 no 3(914a)
- Tekhnologija i organizatsija proizvodstva**
1966 no. 6(555a)
1967 no 1(456a), 2(817a), 3(2620c),
4(3847c), 5(4177c)
- Tekhnologija mashinostroenija**
1966 no 1(565b)
- Tekhnologija poligrafii; informatsionno-referativnyi sbornik**
nauchno-issledovatel'skii institut poligraficheskoi promyshlennosti Tekhnologija poligrafii, informatsionno-referativnyi sbornik
- Tekstil'naja promyshlennost'**
1966 v 26, no 6(4173b), 12(130c)
1967 v 26, no 1(613b)
v 27, no 2(641c), 3(452c),
4(842a), 5(2625c), 6(2991b),
7(3502b), 8(4173c), 9(3502c)
- Tematicheskie sborniki po aktual'nym voprosam elektronnoi mikroskopii**
1966 no. 1(1746c)
- Teoreticheskaja elektrotekhnika**
1966 no. 1(128c), 2(2224a)
- Teoreticheskaja i eksperimental'naja fizika**
1966 v 2, no 5(512a)
1967 v 3, no 1-2(1797b), 3(3798a)
- Teoreticheskie osnovy khimicheskoi tekhnologii**
1967 v.1, no. 1(2217a), 2(2617b),
3-4(3289b), 5(4167b)
- Teoriia funktsii, funktsional'nyi analiz i ikh prilozhenia**
1966 no. 2(410a), 3(1603a)
- Teoriia i praktika fizicheskoi kul'tury**
1966 v.20, no. 11(40c), 12(485b)
1967 v.20, no. 5(4120a), 9(3515c)
- Teoriia i praktika metallurgii**
1964 no. 7(242c)
- Teoriia mekhanizmov i mashin**
1966 no. 1(3848a), 2(3298b)
- Teoriia podgrupp i ee prilozhenia**
1965 no 1(514c)
- Teoriia veroiatnostei i ee primenenia**
1966 v 11, no. 4(514c)
1967 v.12, no. 1(410b), 2(2057b),
3(3261c)
- Teploenergetika**
1960 v 7, no 8(565c)
1961 v 8, no 2(133c)
1965 v 12, no. 6(2232b),
1967 v 14, no. 2(2232c),
4(2995c), 5(2233a), 6(2233a),
8-9(3296c), 10(4178a), 11(3142c)
- Teploenergetika [Energ. inst.]**
1960 no 2(456c)
- Teplofizika vysokikh temperatur**
1966 v 4, no 3(970a), 6(518a)
1967 v 5, no 1(415a), 2(2151c),
3(2586c)
- Terapevticheskii arkhiv**
1967 v 20, no 12(2105b)
1964 v 38, no 4(2198b)
1965 v 37, no 5(2198b), 12(2198b)
1966 v 38, no 3(977c), 5(2198b),
7(2597b), 8-9(2198b), 11(2198b),
1967 v.39, no. 1(2198b), 2-3(2198b),
4(4121b), 5-6(2198b), 7-8(2198b),
9(3273b), 11-12(4152c)
- Tiflis. Gruzinskii nauchno-issledovatel'skii institut mekhanizatsii i elektrifikatsii sel'skogo khoziaistva**
Trudy
1962 v.8, no 2(106a)
- Tiflis. Gruzinskii politekhnicheskii institut**
Trudy
1963 no 1(2211b)
1964 no. 2(1825b)
1965 no 1(4163a)
- Tiflis. Nauchno-issledovatel'skii institut snaruzhnykh i gidroenergetiki**
Izvestia
1960 no 16(2088b)
- Tiflis. Sel'skokhoziaistvennyi institut**
Trudy
1959 v 50(1819a)
1965 v 66(2602b)
1966 v 67-70(2602b)
- Tiflis. Universitet**
Trudy
1959 v. 74(1758c)
1960 v. 91(3508a)
1962 v. 99(3508b)
1965 v. 103(2141b), 110(368a), 112(467c)
1966 v 117(368b)
- Tiflis. Zakavkazskii nauchno-issledovatel'skii i fiziko-meteorologicheskii institut**
Trudy
1963 no 11(86c)
1966 no 20(415b), 22(970c)
- Tadjikiston**
1967 v 14, no. 5-8(3764b)
- Toksikologija novykh promyshlennykh khimicheskikh veshchestv**
1966 no. 8(94b)
- Tomsk. Politekhnicheskii institut imeni Kirova**
Izvestia
1966 v 141(2610c)
- Tomsk. Universitet**
Trudy
1961 v 155(3231b)
1963 v 164(468a)
1964 v 175(468a), 177(922c)
1965 v. 158(407c), 180(33a), 181-182(467c)
1966 v. 185(468b)
1968 v 179(1308b), 186(4104c), 187(2541c)
1967 v. 191(4105a)
- Tomsk. Universitet**
Uchenye zapiski
1962 no. 40(2141b)
1966 no. 56(241c)
- Tomsk. Universitet, Sibirskii fiziko-tekhnicheskii institut**
Trudy
1964 no 44(415b)
1966 no. 48(2589a)
- Torflannaja promyshlennost'**
1966 v 43, no. 5(3570b), 6(3555b),
7(3570c), 8(574b)
1967 v 44, no. 1(1028c), 2(1855c),
3(2243a), 5(3030b), 6(3555b)
- Torgovlia za rubezhom**
1966 no 12(40b)
1967 no 1(40b), 2(474b), 3(3296b),
4-5(1763a), 6-8(2540c), 9(2926c),
10(3234c), 11-12(3707b)

Tovarystvo dlia poshyrennia politichnykh i nauchovykh
znan' Ukrain's'koï RSR
Seria III
1962 no 12(342a)

Tovarystvo Ukrain's'koï kooperatsii
Biuletën'
1966 v 9, no 1(3234c)

Tovarystvo "Znannia" Ukrain's'koï RSR
Seria I
1966 no 8(1344b)

Tovarystvo "Znannia" Ukrain's'koï RSR
Seria III
1966 no 3(1344a)

Tovarystvo "Znannia" Ukrain's'koï RSR
Seria VI
1965 no 6(913a)

Tovarystvo "Znannia" Ukrain's'koï RSR
Seria VII
1964 no 19(4b)

Traktory i sel'khoz mashiny
1960 v 30, no 3(565c), 4-5(457a)
1965 no. 12(131a)
1967 no 1(566a), 2-3(457b), 4(847b),
5(2233a), 6(2630b), 7(2995c),
9(3299a), 9(3566a), 10(3848b)

Transformatory
1961 no 12(2536b)
1967 no 17(1358a)

Transport i khranenie nefi i nefteproduktov
1965 no 4(405b)
1966 no 10(42a), 11(574b), 12(1020c)
1967 no 1-2(405c), 3(855a), 4-5(2642a),
6(3306c), 7(4166a), 8-9(3855c)

Transportnoe stroitel'stvo
1961 v 11, no. 11-12(123a)
1966 v 16, no 2-3(553c), 4(554a),
5(4003c), 7(1004a)
1967 no 3(446b)

Traumatologiya
1955 no 1(102c)

Trudy Akademii nauk Litovskoi SSR see
Lietuvos TSR Mokslu akademija. Darbai Trudy
Akademii nauk Litovskoi SSR

Trudy Akademii nauk Tadzhikskoi SSR see
Akademii nauk Tadzhikskoi SSR, Dushanbe Trudy

Trudy Arkticheskogo i antarktičeskogo
nauchno-issledovatel'skogo instituta see
Leningrad. Arkticheski i antarktičeskii nauchno-issle-
dovatel'skii institut. Trudy

Trudy Astrakhanskogo zapovednika see
Astrakhanskii zapovednik Trudy

Trudy Astrofizicheskogo instituta Akademii
nauk Kazakhskoi SSR see Akademiia nauk
Kazakhskoi SSR, Alma-Ata. Astrofizicheskii institut
Trudy

Trudy Astrofizicheskoi laboratorii Akademii
nauk Latvinskoi SSR see Latvijas Padojmu
Socialistiskas Republikas Zinatnu Akademija. Astro-
fizikas laboratorija Raksti. Trudy Astrofiziche-
skoi laboratorii Akademii nauk Latvinskoi SSR

Trudy Atlanticheskogo nauchno-issledo-
vatel'skogo instituta rybnogo khozjaistva
i okeanografii see Atlanticheskii nauchno-issle-
dovatel'skii institut rybnogo khozjaistva i okeanografii
Trudy

Trudy Azerbaidzhanskogo geograficheskogo
obschestva see Azerbaidzhanskoe geograficheskoe
obschestvo Trudy

Trudy Azerbaidzhanskogo otdelenia Tsentral'nogo
nauchno-issledovatel'skogo
instituta osetrovogo khozjaistva see Tsentral'nyi
nauchno-issledovatel'skii institut osetrovogo
khozjaistva. Azerbaidzhanskoe otdelenie. Trudy

Trudy Azovo-Chernomorskogo nauchno-
issledovatel'skogo instituta morskogo
rybnogo khozjaistva i okeanografii see
Kerch. Azovo-Chernomorskii nauchno-issledovatel's-
kii institut morskogo rybnogo khozjaistva i okeano-
grafii. Trudy

Trudy Bashkirskogo sel'skokhoziaistven-
nogo instituta see Ufa. Bashkirskii sel'skokho-
ziaistvennyi institut Trudy

Trudy Botanicheskogo instituta see Akade-
miia nauk SSSR. Botanicheskii institut. Trudy

Trudy Buriatskogo kompleksnogo nauchno-
issledovatel'skogo instituta see Ulan-Ude.
Buriatskii kompleksnyi nauchno-issledovatel'skii
institut Trudy

Trudy Buriatskogo sel'skokhoziaistvennogo
instituta see Ulan-Ude Buriatskii sel'skokhozia-
stvennyi institut Trudy

Trudy Chuvashskogo sel'skokhoziaistven-
nogo instituta see Chiboksai Chuvashskii
sel'skokhoziaistvennyi institut Trudy

Trudy (Nauchnye trudy) Dnepropetrovskogo
instituta chernoi metallurgii see Dnepropetro-
vsk Institut chornoi metallurgii Trudy (Nauch-
nye trudy

Trudy (Sbornik trudov) Dnepropetrovskogo
instituta inzhenerov zheleznodorozhnogo
transporta see Dnepropetrovsk Institut inzheneriv
zaliznychnogo transporta Trudy (Sbornik trudov)

Trudy Dushanbelskogo gosudarstvennogo
meditsinskogo instituta see Dushanbe Gosu-
darstvennyi meditsinskii institut. Trudy

Trudy Ekonomicheskogo fakul'teta Kirgiz-
skogo gosudarstvennogo universiteta see
Frunze Universitet Ekonomicheskii fakul'tet Trudy

Trudy Estonskogo instituta eksperimental'-
noi i klinicheskoi meditsiny see Akademiia
meditsinskikh nauk SSSR, Moscow Estonskii institut
eksperimental'noi i klinicheskoi meditsiny Trudy

Trudy Fizicheskogo instituta see Akademiia
nauk SSSR Fizicheskii institut Trudy

Trudy Fionzenskogo politekhnicheskogo
instituta see Fionze. Politehnicheskii institut.
Trudy

Trudy Geologicheskogo instituta see Akade-
miia nauk SSSR Geologicheskii institut Trudy

Trudy Geologicheskogo instituta Akademii
nauk Gruzinskoi SSR see Akademiia nauk Gruzin-
skoi SSR, Tiflis. Geologicheskii institut Trudy

Trudy Glavnoi geofizicheskoi observatorii
see Leningrad Glavnai geofizicheskaiia observatoriia.
Trudy

Trudy Gor'kovskogo inzhenerno-stroitel'-
nogo instituta see Gorkiy Inzhenerno-stroitel'-
nyi institut. Trudy

Trudy Gor'kovskogo politekhnicheskogo
instituta see Gorkiy Politehnicheskii institut.
Trudy

Trudy Gosudarstvennogo instituta po pro-
ektirovaniu i issledovatel'skim rabotam
neftedobyvaushchei promyshlennosti see
Kuybyshev. Gosudarstvennyi institut po proektirovaniu
i issledovatel'skim rabotam neftedobyvaushchei
promyshlennosti Trudy

Trudy Gosudarstvennogo instituta priklad-
noi khimii see Leningrad. Gosudarstvennyi institut
prikladnoi khimii Trudy

(Trudy) Gosudarstvennogo instituta usov-
ershenstvovaniia vrachei see Leningrad
Gosudarstvennyi institut usovershenstvovaniia vra-
chei (Trudy)

Trudy Gosudarstvennogo istoricheskogo
muzeia see Moscow Gosudarstvennyi istoricheskii
muzei, Trudy

Trudy Gosudarstvennogo nauchno-issledo-
vatel'skogo i proekt'nogo instituta neflia-
nogo mashinostroeniia see Moscow. Gosudar-
stvennyi nauchno-issledovatel'skii i proektnyi institut
neftianogo mashinostroeniia. Trudy

Trudy Gosudarstvennogo nauchno-issledo-
vatel'skogo instituta psikhologii see Mos-
cow. Gosudarstvennyi nauchno-issledovatel'skii institut
psikhologii. Trudy

(Trudy) Gosudarstvennogo nauchno-issledo-
vatel'skogo protivochumnogo instituta see
Rostov-on-Don. Gosudarstvennyi nauchno-issledovatel's-
kii protivochumnii institut. (Trudy)

Trudy Gosudarstvennogo nauchno-issledo-
vatel'skogo psikhonevrologicheskogo
instituta see Leningrad. Gosudarstvennyi nauchno-
issledovatel'skii psikhonevrologicheskii institut. Trudy

Trudy Gosudarstvennogo Nikitskogo botani-
cheskogo sada see Yalta. Gosudarstvennyi Nikit-
skii botanicheskii sad. Trudy

Trudy Gosudarstvennogo okeanograficheskogo
instituta see Moscow. Gosudarstvennyi
okeanograficheskii institut. Trudy

Trudy Gosudarstvennogo proektno-konstruk-
torskogo i nauchno-issledovatel'skogo
instituta morskogo transporta see Moscow
Gosudarstvennyi proektno-konstruktor'skii nauchno-
issledovatel'skii institut morskogo transporta Trudy

Trudy Gosudarstvennogo vsesoluznogo
nauchno-issledovatel'skogo instituta
tsementnoi promyshlennosti see Moscow
Gosudarstvennyi vsesoluznyi nauchno-issledovatel'skii
institut tsementnoi promyshlennosti. Trudy

Trudy Gruzinskogo nefliannogo nauchno-
issledovatel'skogo instituta see Grozny
Gruzinskii neflianoi nauchno-issledovatel'skii institut.
Trudy

Trudy Gruzinskogo nauchno-issledovatel's-
kogo instituta mekhanizatsii i elektrifi-
katsii sel'skogo khozjaistva see Tiflis.
Gruzinskii nauchno-issledovatel'skii institut mekhan-
izatsii i elektrifikatsii sel'skogo khozjaistva Trudy

Trudy Gruzinskogo politekhnicheskogo insti-
tuta see Tiflis Gruzinskii politekhnicheskii institut.
Trudy

Trudy Instituta antiseismicheskogo stroitel'-
stva Akademii nauk Turkmen'skoi SSR see
Akademiia nauk Turkmen'skoi SSR, Ashkhabad Institut
antiseismicheskogo stroitel'stva Trudy

Trudy Instituta betona i zhelozobetona
Akademii stroitel'stva i arkhitektury SSSR
see Akademiia stroitel'stva i arkhitektury SSSR Institut
betona i zhelozobetona. Perovo Trudy

Trudy Instituta biologii Ural'skogo filiala
Akademii nauk SSSR see Akademiia nauk SSSR
Ural'skii filial, Sverdlovsk Institut biologii Trudy

Trudy Instituta biologii vnutrennikh vod
see Akademiia nauk SSSR. Institut biologii vnutrennikh
vod Trudy

Trudy Instituta botaniki Akademii nauk
Kazakhskoi SSR see Akademiia nauk Kazakhskoi
SSR, Alma-Ata Institut botaniki Trudy

Trudy Instituta ekonomiki Akademii nauk
Gruzinskoi SSR see Akademiia nauk Gruzinskoi
SSR, Tiflis. Institut ekonomiki. Trudy

Trudy Instituta eksperimental'noi biologii
Akademii nauk Kazakhskoi SSR see Akade-
miia nauk Kazakhskoi SSR, Alma-Ata Institut eksperi-
mental'noi biologii Trudy

Trudy Instituta eksperimental'noi i klini-
cheskoi meditsiny Akademii nauk Latvii-
skoi SSR see Latvijas Padojmu Socialistiskas
Republikas Zinatnu akademija. Eksperimentālas un
kliniskas medicinas instituts Trudy Instituta
eksperimental'noi i klinicheskoi meditsiny
Akademii nauk Latvinskoi SSR

Trudy Instituta fiziki i astronomii Akade-
mii nauk Estonskoi SSR see Eesti NSV Teaduste
akademiia, Uurimused. Trudy Instituta fiziki i
astronomii Akademii nauk Estonskoi SSR

Trudy Instituta fiziki Zemli see Akademiia
nauk SSSR Institut fiziki Zemli. Trudy

Trudy Instituta fiziologii Akademii nauk
Kazakhskoi SSR see Akademiia nauk Kazakhskoi
SSR, Alma-Ata. Institut fiziologii. Trudy

Trudy Instituta genetiki see Akademiia nauk
SSSR. Institut genetiki. Trudy

Trudy Instituta geofiziki Akademii nauk
Gruzinskoi SSR see Akademiia nauk Gruzinskoi
SSR, Tiflis Institut geofiziki. Trudy

Trudy Instituta geografi Akademii nauk
Azerbaidzhanskoi SSR see Akademiia nauk
Azerbaidzhanskoi SSR, Baku Institut geografi Trudy

Trudy Instituta geologicheskikh nauk Akade-
mii nauk Kazakhskoi SSR see Akademiia nauk
Kazakhskoi SSR, Alma-Ata. Institut geologicheskikh
nauk. Trudy

Trudy Instituta goriuchikh iskopaemykh
see Akademiia nauk SSSR. Institut goriuchikh iskopa-
emykh. Trudy

Trudy Instituta gornogo dela Akademii nauk
Kazakhskoi SSR see Akademiia nauk Kazakhskoi
SSR, Alma-Ata. Institut gornogo dela Trudy

Trudy Instituta gornogo dela Akademii nauk
SSSR see Akademiia nauk SSSR. Institut gornogo dela.
Trudy

Trudy Instituta gornogo dela Ural'skogo
filiala Akademii nauk SSSR see Akademiia
nauk SSSR, Ural'skii filial, Sverdlovsk. Institut gornogo
dela Trudy

- see Moscow Institut imeni N. V. Shklovskogo Trudy
- Trudy Instituta istorii estestvoznaniia i tekhniki see Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy
- Trudy Instituta istorii partii see Baku. Institut istorii partii. Trudy
- Trudy Instituta khimicheskikh nauk Akademii nauk Kazakhskoi SSR see Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut khimicheskikh nauk. Trudy
- Trudy Instituta khimii Akademii nauk Azerbaidzhanskoi SSR see Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut khimii. Trudy
- Trudy Instituta khimii Urat'skogo filiala Akademii nauk SSSR see Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Institut khimii. Trudy
- Trudy Instituta metallurgii i obogashcheniia Akademii nauk Kazakhskoi SSR see Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut metallurgii i obogashcheniia. Trudy
- Trudy Instituta mikrobiologii i virusologii Akademii nauk Kazakhskoi SSR see Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut mikrobiologii i virusologii. Trudy
- Trudy Instituta mineralogii, geokhimi i kristallografii i tekhnicheskikh elementov see Akademiia nauk SSSR. Institut mineralogii, geokhimi i kristallografii i tekhnicheskikh elementov. Trudy
- Trudy Instituta narodnogo khoziaistva see Moscow. Institut narodnogo khoziaistva. Trudy
- Trudy Instituta okeanologii see Akademiia nauk SSSR. Institut okeanologii. Trudy
- Trudy Instituta poliomiolitov i virusnykh entsefalitov see Akademiia meditsinskikh nauk SSSR, Moscow. Institut poliomiolitov i virusnykh entsefalitov. Trudy
- Trudy Instituta prikladnoi geofiziki see Moscow. Institut prikladnoi geofiziki. Trudy
- Trudy Instituta teoreticheskoi astronomii see Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Trudy
- Trudy Instituta vulkanologii see Akademiia nauk SSSR. Sibskoe otdelenie. Institut vulkanologii. Trudy
- Trudy Instituta vysshei neivnoi deiatel'nosti see Akademiia nauk SSSR. Institut vysshei neivnoi deiatel'nosti. Trudy
- Trudy Instituta zoologii Akademii nauk Kazakhskoi SSR see Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut zoologii. Trudy
- Trudy institutov Komiteta standartov, meizmeit'nykh priborov see Rossiia (1923-1991) Komitet standartov, mer i izmeritel'nykh priborov. Trudy institutov Komiteta
- Trudy Instituta biologii pldennykh moriv see Akademiia nauk URSR, Kiev. Institut biologii pldennykh moriv. Trudy
- Trudy Irkutskogo Instituta narodnogo khoziaistva see Irkutsk. Institut narodnogo khoziaistva. Trudy
- Trudy Irkutskogo politekhnicheskogo Instituta see Irkutsk. Politekhnicheskii Institut. Trudy
- Trudy Irkutskogo universiteta see Irkutsk. Universitet. Trudy
- Trudy Izhevskogo sel'skokhoziaistvennogo Instituta see Izhevsk. Sel'skokhoziaistvennyi Institut. Trudy
- Trudy kafedri obshchestvennykh nauk Barnaul'skogo gosudarstvennogo pedagogicheskogo Instituta see Barnaul'skii gosudarstvennyi pedagogicheskii Institut. Trudy
- Trudy Kafedry istorii Kommunisticheskoi partii Sovetskogo Soiuza see Riga. Universitate. Padonju Savienbas Kommunistiskans partijas vestures katedras darbal. Trudy Kafedry istorii Kommunisticheskoi partii Sovetskogo Soiuza
- Trudy Kaliningradskogo tekhnicheskogo Instituta i ybnoi promyshlennosti i khoziaistva see Kaliningrad. Kaliningradskii tekhnicheskii Institut i ybnoi promyshlennosti i khoziaistva. Trudy
- Trudy Kaliningradskogo iorfanogo Instituta see Kalina. Iorfanai Institut. Trudy
- Trudy Kavkazskogo gosudarstvennogo zapovednika see Kavkazskii gosudarstvennyi zapovednik. Trudy
- Trudy Kazakhskogo nauchno-issledovatel'skogo gidrometeorologicheskogo Instituta see Alma-Ata. Kazakhskii nauchno-issledovatel'skii gidrometeorologicheskii Institut. Trudy
- Trudy Kazanskogo aviatsionnogo Instituta see Kazan. Aviatsonnyi Institut. Trudy
- Trudy Kazanskogo filiala Akademii nauk SSSR see Akademiia nauk SSSR. Kazanskii filial. Trudy
- Trudy Kazanskogo gosudarstvennogo pedagogicheskogo Instituta see Kazan. Gosudarstvennyi pedagogicheskii Institut. Trudy
- Trudy (Nauchnye trudy) Khar'kovskogo Instituta inzhenerov zhelezнодорожного transporta see Khar'kov. Institut inzhenerov zhelezнодорожного transporta. Trudy (Nauchnye trudy)
- Trudy Khar'kovskogo meditsinskogo Instituta see Khar'kov. Meditsinskii Institut. Trudy
- Trudy Khar'kovskogo sel'skokhoziaistvennogo Instituta see Khar'kov. Sel'skokhoziaistvennyi Institut. Trudy
- Trudy Khimiko-metallurgicheskogo Instituta Siburskogo otdeleniia Akademii nauk SSSR see Akademiia nauk SSSR. Siburskoe otdelenie, Khimiko-metallurgicheskii Institut. Trudy
- Trudy Kirovskogo sel'skokhoziaistvennogo Instituta see Kirov. Sel'skokhoziaistvennyi Institut. Trudy
- Trudy Kishinevskogo politekhnicheskogo Instituta see Kishinev. Politekhnicheskii Institut. Trudy
- Trudy Kishinevskogo sel'skokhoziaistvennogo Instituta im. M. V. Frunze see Kishinev. Sel'skokhoziaistvennyi Institut im. M. V. Frunze. Trudy
- Trudy Komi filiala Akademii nauk SSSR see Akademiia nauk SSSR, Komi filial, Syktyvkar. Trudy
- Trudy Komissii po izucheniiu chetvertichnogo perioda see Akademiia nauk SSSR, Komissii po izucheniiu chetvertichnogo perioda. Trudy
- Trudy Krasnodarskogo filiala Vsesoiuznogo neftegazovogo nauchno-issledovatel'skogo Instituta see Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii Institut. Krasnodarskii filial. Trudy
- Trudy Laboratorii inzhenernoi gidrogeologii Vsesoiuznogo nauchno-issledovatel'skogo Instituta vodosnabzheniia, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii see Moscow, Vsesoiuznyi nauchno-issledovatel'skii Institut vodosnabzheniia, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii. Laboratoria inzhenernoi gidrogeologii. Trudy
- Trudy Latvisskogo nauchno-issledovatel'skogo Instituta zhivotnovodstva i veterinarii see Riga. Latvijas lopkopibas un veterinarijas zinatniski petnieciska instituts. Raksti. Trudy Latvisskogo nauchno-issledovatel'skogo Instituta zhivotnovodstva i veterinarii
- Trudy Leningradskogo gosudarstvennogo gidrologicheskogo Instituta see Leningrad. Gosudarstvennyi gidrologicheskii Institut. Trudy
- Trudy Leningradskogo Instituta inzhenerov zhelezнодорожного transporta see Leningrad. Institut inzhenerov zhelezнодорожного transporta. Trudy
- Trudy Leningradskogo Instituta vodnogo transporta see Leningrad. Institut vodnogo transporta. Trudy
- Trudy Leningradskogo inzhenerno-ekonomicheskogo Instituta see Leningrad. Leningradskii inzhenerno-ekonomicheskii Institut. Trudy
- Trudy Leningradskogo khimiko-farmatsevticheskogo Instituta see Leningrad. Khimiko-farmatsevticheskii Institut. Trudy
- Trudy Leningradskogo otdeleniia Instituta istorii see Akademiia nauk SSSR. Institut istorii, Leningradskoe otdelenie. Trudy
- Trudy Leningradskogo pediatricheskogo meditsinskogo Instituta see Leningrad. Pediatricheskii meditsinskii Institut. Trudy
- Trudy Leningradskogo politekhnicheskogo Instituta see Leningrad. Politekhnicheskii Institut. Trudy
- Trudy Leningradskogo sanitarno-gigienicheskogo meditsinskogo Instituta see Leningrad. Sanitarno-gigienicheskii meditsinskii Institut. Trudy
- Trudy Leningradskoi lesotekhnicheskoi Akademii see Leningrad. Lesotekhnicheskaii Akademiia. Trudy
- Trudy Limnologicheskogo Instituta see Akademiia nauk SSSR. Siburskoe otdelenie. Limnologicheskii Institut. Trudy
- Trudy Litovskogo nauchno-issledovatel'skogo Instituta gidrotekhniki i melioratsii see Kaunas. Lietuvos hidroinzenineru mokslinio tyrimo institutas. Darbai. Trudy Litovskogo nauchno-issledovatel'skogo Instituta gidrotekhniki i melioratsii
- Trudy Litovskogo nauchno-issledovatel'skogo Instituta zhivotnovodstva see Lietuvos gyvulininkystos mokslinio tyrimo institutas. Darbai. Trudy Litovskogo nauchno-issledovatel'skogo Instituta zhivotnovodstva
- Trudy Matematicheskogo Instituta see Akademiia nauk SSSR. Matematicheskii Institut. Trudy
- Trudy Mezhotraslevogo nauchno-issledovatel'skogo Instituta po avtomatizatsii mekhanizatsii mashinostroiia see Tbilisi. Mezhotraslevyi nauchno-issledovatel'skii Institut po avtomatizatsii i mekhanizatsii mashinostroiia. Trudy
- Trudy Mineralogicheskogo muzeia see Akademiia nauk SSSR. Mineralogicheskii muzei. Trudy
- Trudy Mirovogo meteorologicheskogo tsentra see Moscow. Mirovii meteorologicheskii tsentr. Trudy
- Trudy Moldavskogo nauchno-issledovatel'skogo Instituta sadovodstva, vinogradstva i vinodeliia see Kishinev. Moldavskii nauchno-issledovatel'skii Institut sadovodstva, vinogradstva i vinodeliia. Trudy
- Trudy Morskogo gidrofizicheskogo Instituta Akademii nauk URSR see Akademiia nauk URSR, Kiev. Morskii gidrofizicheskii Institut. Trudy
- Trudy Moskovskogo aviatsionnogo Instituta imeni Sergo Ordzhonikidze see Moscow. Aviatsonnyi Institut imeni Sergo Ordzhonikidze. Trudy
- Trudy Moskovskogo aviatsionnogo tekhnicheskogo Instituta see Moscow. Aviatsonnyi tekhnicheskii Institut. Trudy
- Trudy Moskovskogo energeticheskogo Instituta see Moscow. Energeticheskii Institut. Trudy
- Trudy Moskovskogo gosudarstvennogo istoriko-arkhivnogo Instituta see Moscow. Gosudarstvennyi istoriko-arkhivnyi Institut. Trudy
- Trudy Moskovskogo Instituta inzhenerov geodezii, aerofotos'emkii i kartografii see Moscow. Institut inzhenerov geodezii, aerofotos'emkii i kartografii. Trudy
- Trudy Moskovskogo Instituta inzhenerov zemleustroistva see Moscow. Institut inzhenerov zemleustroistva. Trudy
- Trudy Moskovskogo Instituta inzhenerov zhelezнодорожного transporta see Moscow. Moskovskii Institut inzhenerov zhelezнодорожного transporta. Trudy
- Trudy Moskovskogo Instituta neftekhimicheskoi i gazovoi promyshlennosti see Moscow. Institut neftekhimicheskoi i gazovoi promyshlennosti. Trudy
- Trudy Moskovskogo khimiko-tekhnologicheskogo Instituta see Moscow. Khimiko-tekhnologicheskii Institut. Trudy
- Trudy Moskovskogo matematicheskogo obshchestva see Moskovskoe matematicheskoe obshchestvo. Trudy
- Trudy Moskovskogo nauchno-issledovatel'skogo Instituta vaktisin i syvorotok see Moscow. Nauchno-issledovatel'skii Institut vaktisin i syvorotok. Trudy

- Trudy Moskovskogo nauchno-issledovatel'skogo instituta virusnykh preparatov see Moscow Nauchno-issledovatel'skii institut virusnykh preparatov Trudy
- Trudy Moskovskogo obshchestva isspytatelei prirody see Moskovskoe obshchestvo isspytatelei prirody Trudy
- Trudy Moskovskogo toifianogo instituta see Moscow Trofianoi institut Trudy
- Trudy Moskovskogo vysshogo khudozhestvenno - promyshlennogo uchilishcha see Moscow Vysshie khudozhestvenno-promyshlennoe uchilishche Trudy
- Trudy Moskovskoi veterinarnoi akademii see Moscow Moskovskaya veterinarnaya akademiya Trudy
- Trudy Murmanskogo morskogo biologicheskogo instituta see Akademiya nauk SSSR Murmanskii morskii biologicheskii institut Trudy
- Trudy Murmanskogo vysshego morekhodnogo uchilishcha see Murmansk Vysshie morekhodnoe uchilishche Trudy
- Trudy Nauchno-issledovatel'skogo instituta teroflimatologii see Moscow Nauchno-issledovatel'skii institut aeroflimatologii Trudy
- Trudy Nauchno-issledovatel'skogo instituta geologii Arkiki see Leningrad Nauchno-issledovatel'skii institut geologii Arkiki Trudy
- Trudy Nauchno-issledovatel'skogo instituta gidrometeorologicheskogo priboroostroenia see Leningrad Nauchno-issledovatel'skii institut gidrometeorologicheskogo priboroostroenia Trudy
- Trudy Nauchno-issledovatel'skogo instituta muzevedeniia see Moscow Nauchno-issledovatel'skii institut muzevedeniia Trudy
- Trudy Nauchno-issledovatel'skogo instituta sel'skogo khoziaistva Krasnogo Severa see Krasnoyarsk Nauchno-issledovatel'skii institut sel'skogo khoziaistva Krasnogo Severa Trudy
- Trudy Nauchno-issledovatel'skogo instituta smetelcheskikh zhirozamenitelei i molshechikh sredstv see Nauchno-issledovatel'skii institut smetelcheskikh zhirozamenitelei i molshechikh sredstv Trudy
- Trudy Nauchno-issledovatel'skogo instituta stantsiiv see Esstl NSV Polevskii Unimise Institut Trudy
- Trudy Nauchno-issledovatel'skogo instituta tokov vysokoi chastyti see Leningrad Nauchno-issledovatel'skii institut tokov vysokoi chastyti Trudy
- Trudy Nauchno-issledovatel'skogo tekhnokhimicheskogo instituta bytovogo obsluzhivaniia see Nauchno-issledovatel'skii tekhnokhimicheskii institut bytovogo obsluzhivaniia Trudy
- Trudy Nauchno-issledovatel'skoi rybkhoziaistvennoi stantsii Gruzii see Batumi Nauchno-issledovatel'skaya rybkhoziaistvennaya stantsiya Gruzii Trudy
- Trudy nauchno-tekhnicheskoi konferentsii LEIS see Leningrad Elektrotekhnicheskii institut svyazi Trudy nauchno-tekhnicheskoi konferentsii LEIS
- Trudy Nauchnoi biblioteki Irkutskogo universiteta see Irkutsk Universitet Nauchnaya biblioteka Trudy
- Trudy Nauchnoi biblioteki Saratovskogo universiteta see Saratov Universitet Nauchnaya biblioteka Trudy
- Trudy Nizhevolzhskogo nauchno-issledovatel'skogo instituta geologii i geofiziki see Nizhevolzhskii nauchno-issledovatel'skii institut geologii i geofiziki Trudy
- Trudy Novocherkasskogo politekhnicheskogo instituta see Novocherkassk. Politekhnicheskii institut Trudy
- Trudy Novokuznetskogo gosudarstvennogo instituta dlia usovershenstvovaniia vrachei see Novokuznetsk. Gosudarstvennyi institut dlia usovershenstvovaniia vrachei Trudy
- Trudy Novosibirskogo gosudarstvennogo meditsinskogo instituta see Novosibirsk. Gosudarstvennyi meditsinskii institut Trudy
- Trudy Novosibirskogo instituta inzhenerov vodnogo transporta see Novosibirsk. Institut inzhenerov vodnogo transporta Trudy
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- Trudy Okeanograficheskoi komissii see Akademiya nauk SSSR Okeanograficheskaya Komissiya Trudy
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- Trudy (Nauchnye trudy) Omskogo meditsinskogo instituta see Omsk Meditsinskii institut Trudy (Nauchnye trudy)
- Trudy (Nauchnye trudy) Omskogo sel'skokhoziaistvennogo instituta see Omsk Sel'skokhoziaistvennyi institut Trudy (Nauchnye trudy)
- Trudy Orenburgskogo otdeleniia Vsesoiuznogo fiziologicheskogo obshchestva see Vsesoiuznoe fiziologicheskoe obshchestvo imeni I.P. Pavlova. Orenburgskoe otdelenie Trudy
- Trudy Otdela drevnerusskoi literatury Instituta russkoi literatury see Akademiya nauk SSSR Institut russkoi literatury Otdel drevnerusskoi literatury Trudy
- Trudy Paleontologicheskogo instituta see Akademiya nauk SSSR Paleontologicheskii institut Trudy
- Trudy Pechoro-Ilychskogo gosudarstvennogo zapovednika see Pechoro-Ilychskii gosudarstvennyi zapovednik Trudy
- Trudy Permskogo gosudarstvennogo sel'skokhoziaistvennogo instituta see Perm Gosudarstvennyi sel'skokhoziaistvennyi institut Trudy
- Trudy Permy meditsinskogo instituta see Moscow Permy meditsinskii institut Trudy
- Trudy po khimii i khimicheskoi tekhnologii 1991 no 4(2574b)
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- Trudy po novoi apparature i metodikam Pervogo meditsinskogo instituta see Moscow. Pervyi meditsinskii institut Trudy po novoi apparature i metodikam
- Trudy Pollarnogo nauchno-issledovatel'skogo instituta morskogo i ybnogo khoziaistva i okeanologii see Murmansk Pollarnyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanologii Trudy
- Trudy Problemy laboratorii osadochnykh formatsii i osadochnykh rud see Tashkent Universitet. Problemy laboratorii osadochnykh formatsii i osadochnykh rud Trudy
- Trudy Rostovskogo instituta inzhenerov zheleznodorozhnogo transporta see Rostov-on-Don Institut inzhenerov zheleznodorozhnogo transporta Trudy
- Trudy Sakhalinskogo kompleksnogo nauchno-issledovatel'skogo instituta see Akademiya nauk SSSR Sakhalinskii kompleksnyi nauchno-issledovatel'skii institut Trudy
- Trudy Samarkandskogo gosudarstvennogo universiteta see Samarkand. Gosudarstvennyi universitet Trudy
- Trudy Saratovskogo instituta mekhanizatsii sel'skogo khoziaistva see Saratov Institut mekhanizatsii sel'skogo khoziaistva Trudy
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- Trudy seminar Otdela strukturnykh i logicheskikh skhem see Akademiya nauk SSSR. Institut tekhnoi mekhaniki i vychislitel'noi tekhniki Seminar Otdela strukturnykh i logicheskikh skhem Trudy
- Trudy Seminara po teorii differentsial'nykh uravnenii s otkloneniushchimsia argumentom see Moscow. Universitet druzby narodov. Seminar po teorii differentsial'nykh uravnenii s otkloneniushchimsia argumentom Trudy
- Trudy Sevastopol'skoi biologicheskoi stantsii see Akademiya nauk SSSR. Sevastopol'skaya biologicheskaya stantsiya Trudy
- Trudy Severnogo nauchno-issledovatel'skogo instituta gidrotekhniki i melioratsii see Leningrad. Severnyi nauchno-issledovatel'skii institut gidrotekhniki i melioratsii Trudy
- Trudy Severo-Vostochnogo kompleksnogo nauchno-issledovatel'skogo instituta see Akademiya nauk SSSR Sibirskoe otdelenie Severo-Vostochnyi kompleksnyi nauchno-issledovatel'skii institut Trudy
- Trudy Shomakhinskoi astrofizicheskoi observatorii see Shomakhia Astrofizicheskaya observatoriya Trudy
- Trudy Sibirskogo fiziko-tekhnicheskogo instituta see Tomsk Universitet Sibirskii fiziko-tekhnicheskii institut Trudy
- Trudy Sibirskogo nauchno-issledovatel'skogo instituta energetiki see Akademiya nauk SSSR Sibirskoe otdelenie Sibirskii nauchno-issledovatel'skii institut energetiki Trudy
- Trudy Sibirskogo nauchno-issledovatel'skogo instituta lesnoi promyshlennosti see Krasnoyarsk Sibirskii nauchno-issledovatel'skii institut lesnoi promyshlennosti Trudy
- Trudy Sibirskogo tekhnologicheskogo instituta see Krasnoyarsk Sibirskii tekhnologicheskii institut Trudy
- Trudy Sredneaziat'skogo nauchno-issledovatel'skogo gidrometeorologicheskogo instituta see Sredneaziat'skii nauchno-issledovatel'skii gidrometeorologicheskii institut Trudy
- Trudy Sukhanskogo botanicheskogo sada see Sukhum Botanicheskii sad Trudy
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- Trudy Sverdlovskogo instituta metallurgii see Sverdlovsk Institut metallurgii Trudy
- Trudy Tallinskogo politekhnicheskogo instituta see Tallinn Politehniline Institut Toimelised Trudy Tallinskogo politekhnicheskogo instituta
- Trudy Tashkent'skogo gosudarstvennogo universiteta see Tashkent. Universitet Trudy
- Trudy Tashkent'skogo instituta inzhenerov irigatsii i mekhanizatsii sel'skogo khoziaistva see Tashkent. Institut inzhenerov irigatsii i mekhanizatsii sel'skogo khoziaistva Trudy
- Trudy Tashkent'skoi astronomicheskoi observatorii see Tashkent. Astronomicheskaya observatoriya Trudy
- Trudy Tata'skogo nefliannogo nauchno-issledovatel'skogo instituta see Begul'ma Tatarskii nefliannoi nauchno-issledovatel'skii institut Trudy
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- Trudy Tbilisskogo gosudarstvennogo universiteta see Tiflis Universitet Trudy
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- Trudy Tsentral'nogo instituta prognozov see Moscow. Tsentral'nyi institut prognozov Trudy
- Trudy Tsentral'nogo instituta usovershenstvovaniia vrachei see Moscow. Tsentral'nyi institut usovershenstvovaniia vrachei Trudy
- Trudy Tsentral'nogo nauchno-issledovatel'skogo instituta ekonomiki i ekspluatatsii vodnogo transporta see Moscow. Tsentral'nyi nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta Trudy
- Trudy Tsentral'nogo nauchno-issledovatel'skogo instituta geodezii, aeras"emki i kartografii see Moscow. Tsentral'nyi nauchno-issledovatel'skii institut geodezii, aeras"emki i kartografii Trudy
- Trudy Tsentral'nogo nauchno-issledovatel'skogo instituta krakhmalno-patohnoi promyshlennosti see Moscow. Tsentral'nyi nauchno-issledovatel'skii institut krakhmalno-patohnoi promyshlennosti Trudy
- Trudy Tsentral'nogo nauchno-issledovatel'skogo instituta mekhanizatsii i elektifikatsii sel'skogo khoziaistva nechernozemnoi zony SSSR see Minsk Tsentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i elektifikatsii sel'skogo khoziaistva nechernozemnoi zony SSSR Trudy

- Trudy TSENtral'nogo nauchno-issledovatel'skogo instituta mekhanizatsii i energetiki lesnoi promyshlennosti see Khimki TSENtral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti Trudy
- Trudy TSENtral'nogo nauchno-issledovatel'skogo instituta morskogo flota see Leningrad TSENtral'nyi nauchno-issledovatel'skii institut morskogo flota Trudy
- (Trudy) TSENtral'nogo nauchno-issledovatel'skogo instituta tekhnologii i mashinostroeniia see Moscow TSENtral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia (Trudy)
- Trudy TSENtral'noi aerologicheskoi observatorii see TSENtral'naya aerologicheskaya observatoriya Trudy
- Trudy Turkmenskogo geografiicheskogo obshchestva see Turkmenskoe geografiicheskoe obshchestvo Trudy
- Trudy Turkmenskogo nauchno-issledovatel'skogo instituta klimatologii, kurortologii i fizicheskikh metodov lecheniia see Ashkhabad Turkmenskii nauchno-issledovatel'skii institut klimatologii, kurortologii i fizicheskikh metodov lecheniia Trudy
- Trudy Ukrainskogo nauchno-issledovatel'skogo geologorazvedochnogo instituta see Ukrainskii nauchno-issledovatel'skii geologorazvedochnyi institut Trudy
- Trudy Ukrainskogo nauchno-issledovatel'skogo gidrometeorologicheskogo instituta see Kiev Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut Trudy
- Trudy Ukrainskogo nauchno-issledovatel'skogo instituta spirtovoi i likero-vodochnoi promyshlennosti see Kiev Ukrainskii nauchno-issledovatel'skii institut spirtovoi i likero-vodochnoi promyshlennosti Trudy
- Trudy Universiteta družby narodov see Moscow Universitet družby narodov Trudy
- Trudy Ural'mekhanobraz see Sverdlovsk. Nauchno-issledovatel'skii i proektnyi institut obogashcheniia i mekhanicheskoi obrabotki poleznykh iskopnykh "Ural'mekhanobr" Trudy
- Trudy Ural'skogo otdeleniia Gosudarstvennogo nauchno-issledovatel'skogo instituta ozernogo i rechnogo rybnogo khoziaistva see Leningrad Gosudarstvennyi nauchno-issledovatel'skii institut ozernogo i rechnogo rybnogo khoziaistva Ural'skoe otdeleniie Trudy
- Trudy (Sbornik nauchnykh trudov) Ural'skogo politekhnicheskogo instituta see Sverdlovsk. Ural'skii politekhnicheskii institut Trudy (Sbornik nauchnykh trudov)
- Trudy Uzbekskogo nauchno-issledovatel'skogo instituta zhivotnovodstva see Tashkent. Nauchno-issledovatel'skii institut zhivotnovodstva Trudy
- Trudy Volgogradskogo nauchno-issledovatel'skogo instituta nefianoi i gazovoi promyshlennosti see Volgograd Nauchno-issledovatel'skii institut nefianoi i gazovoi promyshlennosti Trudy
- Trudy Volgogradskogo otdeleniia Gosudarstvennogo nauchno-issledovatel'skogo instituta ozernogo i rechnogo rybnogo khoziaistva see Leningrad. Gosudarstvennyi nauchno-issledovatel'skii institut ozernogo i rechnogo khoziaistva, Volgogradskoe otdeleniie Trudy
- Trudy Vologodskogo molochnogo instituta see Molochnoye (Vologodskaya oblast') Vologodskii molochnyi institut Trudy
- Trudy Voronezhskogo gosudarstvennogo universiteta see Voronezh. Universitet Trudy
- Trudy Vostochno-Sibirskogo tekhnologicheskogo instituta see Ulan-Ude. Vostochno-Sibirskii tekhnologicheskii institut Trudy
- Trudy Vserossiiskogo nauchno-issledovatel'skogo instituta mekhanizatsii i elektrifikatsii sel'skogo khoziaistva see Zernovoy (Rostov-on-Don Province) Vserossiiskii nauchno-issledovatel'skii institut mekhanizatsii i elektrifikatsii sel'skogo khoziaistva Trudy
- Trudy Vserossiiskogo nauchno-issledovatel'skogo instituta sakharnoi svekly i sakhara see Ramon'. Vserossiiskii nauchno-issledovatel'skii institut sakharnoi svekly i sakhara Trudy
- Trudy Vsesoiuznogo elektrotekhnicheskogo instituta see Moscow Vsesoiuznyi elektrotekhnicheskii institut Trudy
- Trudy Vsesoiuznogo geologicheskogo instituta see Leningrad Vsesoiuznyi geologicheskii institut Trudy
- Trudy Vsesoiuznogo gosudarstvennogo instituta nauchno-issledovatel'skikh i proektnykh rabot ogneupornoi promyshlennosti see Leningrad Vsesoiuznyi gosudarstvennyi institut nauchno-issledovatel'skikh i proektnykh rabot ogneupornoi promyshlennosti Trudy
- Trudy Vsesoiuznogo instituta zashchity iastenit see Leningrad Vsesoiuznyi institut zashchity rastenii Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo geologorazvedochnogo nefianogo instituta see Moscow Vsesoiuznyi nauchno-issledovatel'skii geologorazvedochnyi nefianoi institut Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta burovoi tekhniki see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut burovoi tekhniki Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta elektroienergetiki see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut elektroenergetiki Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta gidrotekhniki i melioratsii see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut gidrotekhniki i melioratsii Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta khimicheskikh reaktivov i osobu chistykh veshchestv see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut khimicheskikh reaktivov i osobu chistykh veshchestv Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta khlopkovodstva see Tashkent. Vsesoiuznyi nauchno-issledovatel'skii institut khlopkovodstva Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta konditerskoi promyshlennosti see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut konditerskoi promyshlennosti Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta magnitnoi zapisi i tekhnologii radioveshchaniia i televideniia see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut magnitnoi zapisi i tekhnologii radioveshchaniia i televideniia Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta mekhanizatsii sel'skogo khoziaistva see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut mekhanizatsii sel'skogo khoziaistva Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta miasnoi promyshlennosti see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut miasnoi promyshlennosti Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta molochnoi promyshlennosti see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut molochnoi promyshlennosti Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta morskogo rybnogo khoziaistva i okeanografii see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta organizatsii i mekhanizatsii shakhnoi stroitel'stva see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut organizatsii i mekhanizatsii shakhnoi stroitel'stva Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta prirodnykh gazov see Vsesoiuznyi nauchno-issledovatel'skii institut prirodnykh gazov Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta sakharnoi promyshlennosti see Kiev Vsesoiuznyi nauchno-issledovatel'skii institut sakharnoi promyshlennosti Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta sel'skokhoziaistvennogo mashinostroeniia see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut sel'skokhoziaistvennogo mashinostroeniia Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta sinteticheskikh i naturnykh dushistykh veshchestv see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut sinteticheskikh i naturnykh dushistykh veshchestv Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta torfianno-promyshlennogo Leningrad Vsesoiuznyi nauchno-issledovatel'skii institut torfianno-promyshlennosti Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta transportnogo stroitel'stva see Babushkin. Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta tsellulozno-bumazhnoi promyshlennosti see Leningrad Vsesoiuznyi nauchno-issledovatel'skii tsellulozno-bumazhnoi promyshlennosti Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta vodosnabzheniia, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut vodosnabzheniia, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta zerna i produktov ego pererabotki see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut zerna i produktov ego pererabotki Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta Trudy
- Trudy Vsesoiuznogo nauchno-issledovatel'skogo instituta zolota i redkikh metallov see Magadan Vsesoiuznyi nauchno-issledovatel'skii institut zolota i redkikh metallov Trudy
- Trudy Vsesoiuznogo neftegazovogo nauchno-issledovatel'skogo instituta see Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut Trudy
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- Trudy Vsesoiuznogo proektno-izykatel'skogo i nauchno-issledovatel'skogo instituta "Gidropromekt" imeni S. I. Zhuk see Moscow Vsesoiuznyi proektno-izykatel'skii i nauchno-issledovatel'skii institut "Gidropromekt" imeni S. I. Zhuk Trudy
- Trudy Vsesoiuznogo zaochnogo energeticheskogo instituta see Moscow Vsesoiuznyi zaochnyi energeticheskii institut Trudy
- Trudy Vychislitel'nogo meteorologicheskogo tsentra see Moscow Vychislitel'nyi meteorologicheskii tsentr Trudy
- Trudy Vychislitel'nogo tsentra see Erzn Vychislitel'nyi tsentr Trudy
- Trudy Vychislitel'nogo tsentra Akademii nauk Gruzinskoi SSR see Akademiya nauk Gruzinskoi SSR, Tiflis. Vychislitel'nyi tsentr Trudy
- Trudy Vychislitel'nogo tsentra Tartuskogo gosudarstvennogo universiteta see Tartu Ülikool Vychislitel'nyi tsentr Trudy
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- Trudy Zoologicheskogo instituta see Akademiya nauk SSSR. Zoologicheskii institut Trudy

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TSENtral'naya aerologicheskaya observatoriya

Trudy
1986 no. 69(970b), 70(3807a), 71(970b),
72(1808c), 73(3267c), 74(1808c),
75(3267c), 76(4146c), 78(4146c)

TSENtral'no-chernozemnyi gosudarstvennyi zapovednik
Trudy
1957 no. 4(72c)
1985 no. 8(958b)

- TSentral'nyi nauchno-issledovatel'skii institut osetrovogo khozaistva Azerbaidzhanskoe otdelenie**
Trudy
1966 v. 4, no 2(985b), 5, no 1(537b)
- TSerkovnyi vestnik**
1966 v. 13, no 10(37a), 12(37a)
1967 v. 14, no 1(472c), 2-4(377c),
5-6(2647c), 7(2925a), 8(3233c),
9(3786a)
- TSifrovaia vychislitel'naya tekhnika i programirovanie**
1965 no 1(962c)
- TSirkular Astronomicheskoi observatorii Khark'ovskogo gosudarstvennogo universiteta** see Khark'ov Universitet Astronomicheskaiia observatoriia TSirkular
- TSirkular Tashkentiskoi astronomicheskoi observatorii** see Tashkent Astronomicheskaiia observatoriia TSirkular
- TSitologiya**
1966 v. 8, no 5(72c)
1967 v. 9, no 7(4128c), 10(4129a)
- TSitologiya i genetika**
1967 v. 1, no 1(400r), 2(4792b),
3(2174c), 4(4129a)
- TSvaynye metally**
1960 v. 33, no 3(574c), 4(030a)
1961 v. 34, no 7(1855a)
1967 v. 40, no 3(4186b), 4(2243a),
5(2213b), 6(3003b), 7(3306c),
8(3307a), 9(3855c)
- TSvetovodstvo**
1966 v. 9, no 9-12(2606c)
1967 v. 10, no 1(538a), 2(2606c),
8(2606c), 9(3281c), 10(3517b),
12(3822b)
- Tula Podmoskovnyi nauchno-issledovatel'skii i proektno-konstruktorskii ugoi'nyi institut**
Sbornik nauchnykh trudov
1963 no 6(2042b)
1966 no 10(574c)
- Turkmen**
1967 v. 2, no 1(34b), 2(400c),
3(923c), 5(2143a), 6-7(2546b),
8(3232c), 9-11(3761b)
- Türkmenistan kommunisti**
1966 no 12(46c)
1967 no 1(481c), 3(935b), 4(038b),
5(2154b), 7-9(3238c), 10(3775a),
11-12(4114c)
- Turkmenское географическое общество**
Trudy
1961 no 2(492a)
- Tvorchestvo**
1967 no. 1(911c), 2(486c), 3(941c),
4(0385c), 5-9(2160b), 7(2557a),
8-9(3242c), 10(3777c), 11(4121b)
- Tvorynnytsvo Ukrainy**
1939 v. 39, no 11(3820c)
- Tyl i snabzhenie Sovetskikh Vooruzhen-nykh Sil**
1965 v. 25, no 1(3550c)
v. 26, no 11(2644a)
1966 v. 26, no 5(2644a)
v. 27, no 11-12(2246a)
1967 v. 27, no 1(2246c), 2(4066b),
3(1857c), 4(058a), 5(2240c),
7(4101a)
v. 28, no 11(4191b)
- Tyumen'. Gosudarstvennyi pedagogicheskii institut. Kafedra zoologii**
Uchenye zapiski
1963 v. 21, no 2(73a)
- Uchenye zapiski Aspirantov Rzhskogo universiteta see Riga Universitate Aspirantu zinatniskie raksti. Uchenye zapiski aspirantov
- Uchenye zapiski Azerbaidzhanskogo gosudarstvennogo universiteta see Baku Azerbaidzhanskii gosudarstvennyi universitet. Uchenye zapiski
- Uchenye zapiski Chuvashskogo gosudarstvennogo pedagogicheskogo instituta see Cheboksary. Chuvashskii gosudarstvennyi pedagogicheskii institut Uchenye zapiski
- Uchenye zapiski Chuvashskogo nauchno-issledovatel'skogo instituta iazyka, literatury, istorii i ekonomiki see Cheboksary. Chuvashskii nauchno-issledovatel'skii institut iazyka, literatury, istorii i ekonomiki. Uchenye zapiski
- Uchenye zapiski Dushanbel'skogo gosudarstvennogo pedagogicheskogo instituta see Dushanbe Gosudarstvennyi pedagogicheskii institut Uchenye zapiski
- Uchenye zapiski Elabuzhskogo gosudarstvennogo pedagogicheskogo instituta see Yel'nuga Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski
- Uchenye zapiski Erivanskogo universiteta see Erivan Universitet Uchenye zapiski
- Uchenye zapiski Gor'kovskogo gosudarstvennogo pedagogicheskogo instituta see Gorkiy Gosudarstvennyi pedagogicheskii institut Uchenye zapiski
- Uchenye zapiski Gor'kovskogo gosudarstvennogo pedagogicheskogo instituta inostrannykh iazykov see Gorkiy Gosudarstvennyi pedagogicheskii institut inostrannykh iazykov Uchenye zapiski
- Uchenye zapiski Gor'kovskogo gosudarstvennogo universiteta see Gorkiy Universitet Uchenye zapiski
- Uchenye zapiski Irkutskogo gosudarstvennogo universiteta see Yakutsk Universitet Uchenye zapiski
- Uchenye zapiski Instituta istorii, iazyka i literatury Dagestanskogo filiala Akademii nauk SSSR see Akademiia nauk SSSR Dagestanskii filial, Makhachkala. Institut istorii, iazyka i literatury. Uchenye zapiski
- Uchenye zapiski Instituta slavianovedeniia see Akademiia nauk SSSR Institut slavianovedeniia. Uchenye zapiski
- Uchenye zapiski Irkutskogo gosudarstvennogo pedagogicheskogo instituta see Irkutsk. Gosudarstvennyi pedagogicheskii institut Uchenye zapiski
- Uchenye zapiski Kabardino-Balkarskogo gosudarstvennogo universiteta see Nalchik. Kabardino-Balkarskii gosudarstvennyi universitet Uchenye zapiski
- Uchenye zapiski Kafedry politicheskoi ekonomii Vysshei partinnoi shkoly pri TsK KPSS i mestnykh vysshih partiinykh skol
1966 no. 7(3236a)
- Uchenye zapiski Kafedry sovetskoi ekonomiki Vysshei partinnoi shkoly see Kommunisticheskaiia partiia Sovetskogo Soiuza. Vysshaiia partiinaiia shkola. Kafedra sovetskoi ekonomiki Uchenye zapiski
- Uchenye zapiski Kafedry zoologii Tyumen'skogo gosudarstvennogo pedagogicheskogo instituta see Tyumen' Gosudarstvennyi pedagogicheskii institut Kafedra zoologii Uchenye zapiski
- Uchenye zapiski Kalininskogo pedagogicheskogo instituta see Kalinin Pedagogicheskii institut Uchenye zapiski
- Uchenye zapiski Kazanskogo gosudarstvennogo universiteta see Kazan Universitet Uchenye zapiski
- Uchenye zapiski Kazanskogo veterinarnogo instituta see Kazan. Veterinarnyi institut. Uchenye zapiski
- Uchenye zapiski Kemerovskogo gosudarstvennogo pedagogicheskogo instituta see Kemerovo. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski
- Uchenye zapiski Khar'kovskogo gosudarstvennogo universiteta see Khark'ov. Universitet. Uchenye zapiski
- Uchenye zapiski Kishinevskogo gosudarstvennogo universiteta see Kishinov. Universitet. Uchenye zapiski
- Uchenye zapiski Kostromskogo gosudarstvennogo pedagogicheskogo instituta see Kostroma Gosudarstvennyi pedagogicheskii institut Uchenye zapiski
- Uchenye zapiski Kurskogo gosudarstvennogo pedagogicheskogo instituta see Kursk Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski
- Uchenye zapiski Leningradskogo gosudarstvennogo pedagogicheskogo instituta im. A. I. Gertsena see Leningrad Gosudarstvennyi pedagogicheskii institut im. A. I. Gertsena. Uchenye zapiski
- Uchenye zapiski Leningradskogo gosudarstvennogo universiteta see Leningrad Universitet Uchenye zapiski
- Uchenye zapiski Mordovskogo gosudarstvennogo universiteta see Saransk Mordovskii gosudarstvennyi universitet Uchenye zapiski
- Uchenye zapiski (Trudy) Moskovskogo gosudarstvennogo pedagogicheskogo instituta see Moscow Moskovskii gosudarstvennyi pedagogicheskii institut Uchenye zapiski (Trudy)
- Uchenye zapiski Moskovskogo oblastnogo pedagogicheskogo instituta see Moscow. Moskovskii oblastnoi pedagogicheskii institut Uchenye zapiski
- Uchenye zapiski Nauchno-issledovatel'skogo instituta geologii Arktiki see Leningrad Nauchno-issledovatel'skii institut geologii Arktiki Uchenye zapiski
- Uchenye zapiski Orehovo-Zuevskogo pedagogicheskogo instituta see Orehovo-Zuevo Pedagogicheskii institut Uchenye zapiski
- Uchenye zapiski Orlovskogo Gosudarstvennogo pedagogicheskogo instituta see Orel Gosudarstvennyi pedagogicheskii institut Uchenye zapiski
- Uchenye zapiski Permskogo gosudarstvennogo universiteta see Perm Universitet Uchenye zapiski
- Uchenye zapiski Permskogo pedagogicheskogo instituta see Perm Pedagogicheskii institut. Uchenye zapiski
- Uchenye zapiski Petrozavodskogo universiteta see Petrozavodsk Universitet. Uchenye zapiski
- Uchenye zapiski Platigorskogo farmatsevticheskogo instituta see Pyatigorsk. Farmatsevticheskii institut Uchenye zapiski
- Uchenye zapiski po statistike
1966 v. 11(2651c)
1967 v. 12(2827b)
- Uchenye zapiski Riazanskogo gosudarstvennogo pedagogicheskogo instituta see Riazan Gosudarstvennyi pedagogicheskii institut Uchenye zapiski
- Uchenye zapiski Rzhskogo politicheskogo instituta see Riga Politicheskais instituta Zinatniskie raksti. Uchenye zapiski Rzhskogo politicheskogo instituta
- Uchenye zapiski Saratovskogo gosudarstvennogo pedagogicheskogo instituta see Saratov Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski
- Uchenye zapiski Sverdlovskogo gosudarstvennogo pedagogicheskogo instituta. see Sverdlovsk Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski
- Uchenye zapiski Tartuskogo gosudarstvennogo universiteta see Tartu Ulikool. Toimetused. Uchenye zapiski Tartuskogo gosudarstvennogo universiteta
- Uchenye zapiski Tomskogo gosudarstvennogo universiteta imeni V. V. Kulbysheva see Tomsk. Universitet Uchenye zapiski

Ukrains'ki biokhimichnyi zhurnal
1966 v. 38 no 6(73a)
1967 v. 39 no 1(400b), 2(2569c),
3(2918a)

Ukrains'ki botanichnyi zhurnal
1963 v. 20 no 1(73b)
1967 v. 24 no 1(956c), 2-3(2174c),
4(3254c), 5-6(4129b)

Ukrains'ki fizychnyi zhurnal
1959 v. 4, no 5(519a)
1966 v. 11 no 1(86c), 12(519b)
1967 v. 12, no 1(2960c), 3(3807a),
4(3267c), 5(3807c), 6(2589b),
11(4147b)

Ukrains'ki hospodarnyi
1956 v. 3 no 6(41c)

Ukrains'ki istorychnyi zhurnal
1966 v. 10, no 11(38b), 12(38c)
1967 v. 11, no 1(927c), 2(373a),
3(373b), 4(762a), 5(2548c),
6(2926a)

Ukrains'ki istoryk
1964 v. 1, no 1(39a)
1965 v. 2, no 1-2(39a)
1966 v. 3, no 1/2(39a)

Ukrains'ki muzei-arkhiv u Kiyevli
1958 no 2(1735a), 3(1735c)

Ukrains'ki samostilnyk
1966 v. 17, no 12(1760b)
1967 v. 18, no 4(1760b), 5-7/8(2554c),
9-10(3775a)

Ulan-Ude. Buriatskii kompleksnyi nauchno-issledovatel'skiy institut
Trudy
1960 no 3(1368c)
1964 no 15(2141c)
1966 no 19(222c), 20-22(2142a),
23(1368c)

Ulan-Ude. Buriatskii sel'skokhoziaistvennyi institut
Trudy
1965 no 17(2974b)

Ulan-Ude. Vostochno-Sibirskiy tekhnologicheskii institut
Trudy
1966 no 2, pt. 2(3285b)

Ulanovsk. Gosudarstvennyi pedagogicheskii institut
Uchenye zapiski
1963 v. 18, no 1(3508b), 2-3(2142b)
1964 v. 19, no 4(922c)
1965 v. 20, no 6(923a)
1966 v. 22, no 2(2142b)

Ural
1967 v. 10 no 1(56v), 2(943c),
3(387b), 4-5(2162a), 6(2558a),
7-8(2935c), 9(3518a), 10(4122b)

Ural'skiy mashinostroytel'nyi zavod, Sverdlovsk.
Nauchno-issledovatel'skii institut tiazhelego mashinostroyeniya
Sbornik statei
1965 no 10(2630b)
1966 no 12(2630c), 13(2096a)

Ural'skii sledopyt
1966 v. 9, no 12(34b)
1967 v. 10, no 1-2(469c), 3(370a),
4-5(2143a), 6(2546b), 7(2923c),
8-9(3509a)

Urologiya see Urologiya i nefrologiya

Urologiya i nefrologiya
1960 v. 25, no 3(812a)
1967 v. 32, no 4(3270c)

Uspekhi biologicheskoi khimii
1967 v. 8(2570a)

Uspekhi fizicheskikh nauk
1966 v. 90, no 3-4(87a)
1967 v. 91, no 1-2(970c), 4(1809a),
v. 92, no 1(2188c), 2(2589c),
3(3268a), 4(3539a),
v. 93, no 1-3(417b)

Uspekhi khimii
1961 v. 30, no 5(612b), 6(980b)
1966 v. 35, no 7(78a), 12(78a)
1967 v. 36, no 1(403c), 2-3(404a),
4-5(2179c), 6(2575b), 7(3798a),
8(3257a), 9(3798b)

Uspekhi matematicheskikh nauk
1967 v. 22, no 1(663a), 2(803b),
3(2582b), 4(3261c), 5(3802a)

Uspekhi mikrobiologii
1966 no 3(956c)
1967 no 4(4129c)

Uspekhi nauchnoi fotografii
1966 v. 12(1001c)

Uspekhi sovremennoi biologii
1961 v. 52, no 1(508a), 1(414c)
1966 v. 62, no 3(73b)
1967 v. 63, no 1(956c), 2(2174c),
3(2570a)
v. 64, no 1(3255a), 2(412)

Uzbek S.S.R. Vokhovnyi Sovet, Prezidium
Informatsionnyi biulleten' po obshchey
opytom raboty mestnykh sovetov derj-
trudlashchikhsia
1961 v. 5, no 1(935b), 2(414)

Uzbek tili va adabietl
1966 v. 9, no 6(3213a)
1967 v. 10, no 2(3213a)

Uzbekiston
1966 v. 26, no 12(34b)
1967 v. 26, no 1(460c), 2(460c),
4-5(759c), 8(3232c), 9(759c),
10-11(3704b)

Uzbekiston kommunistl
1960 v. 38, no 12(414c)
1967 v. 39, no 1(460c), 2(460c),
4-6(2151b), 7(3230c), 8(3230c),
10(3775a)

Uzbekiston soisial ta'minoti
1960 no. 6(933a)
1967 no. 1(1376b), 2(2161c), 3(2161c),
4(3514a)

Uzbekskaya Akademiya sel'skokhoziaistvennykh nauk
Nauchno-issledovatel'skii institut mekhanizatsii
elektifikatsii otshchepnogo zemledeliya
Nauchnye trudy
1960 no 5(106b)

Uzbekskii biologicheskii zhurnal
1966 v. 10, no 6(957a)
1967 v. 11, no 2(2175b), 3(2175b),
4(3795a)

Uzbekskii geologicheskii zhurnal
1966 v. 10, no 5(91b), 6(91b)
1967 v. 11, no 1(3781a), 2(4175b),
3(2040b), 4(3781a)

Uzbekskii khimicheskii zhurnal
1967 v. 11, no 2-3(2054b), 4(4175b)

Uzbekiston S.S.R. "Bilim" zhurnal
1966 no 14(435a), 15(414b)

Uzbekiston qishloq xodzhalligi
1966 no. 11-12(106a)
1967 no. 1-2(983c), 3(2202a), 4(4175b),
7(3278c), 8-9(3116c)

V dni zolennykh sviat
1967 v. 13, no. 13(1786b)

V mire knig
1963 v. 3, no 10(2143c)
1966 v. 6, no 6(470a), 10(4175b),
12(35c)
1967 v. 7, no. 1(921c), 2-3(2141c),
4(2547a), 7(4106a), 10(4175b)

V pomoshch' izuchaiushchim istorii KPSS
1962 no 14(7b)
1966 no 7(3a)

V pomoshch' khudozhestvennoi samodeiatel'nosti see Bibliotekha "V pomoshch' khudozhestvennoi samodeiatel'nosti"

V pomoshch' prepodavatel'iu russkogoazyka v Amerike
1966 v. 20, no. 77/78(3517b)
Alfavitnyi ukazatel' avtorov k noz. 1-72 z. 1041-1042,
(2557b)

V pomoshch' proektirovshchikuu
1967 (oma) no 2(3228a), 3(3228a),
4(3504b), 5(3228a), 6(3750a)

V pomoshch' rabochim stroitel'noi promyshlennosti
1966 no 1(750c), 2(010b), 3(456c)

V pomoshch' radiofobitellu
1966 no. 27(557b), 28(2224a)

V pomoshch' sportsmenu-podvodniku
1966 no. 15(941a)

Vahetame motteid
1966 no. 6(491c)

Vaktsiny i syvorotki
1966 v. 6(3273c)

Vedomosti Verkhovnogo Soveta i pravitel'stva Litovskoi Sovetskoi Sotsialisticheskoi Respubliki see Lituhanian S S R Vedomosti Verkhovnogo Soveta i pravitel'stva Litovskoi Sovetskoi Sotsialisticheskoi Respubliki

Vedomosti Verkhovnogo Soveta RSFSR see Russia (1917- R S F S R) Verkhovnyi Sovet Vedomosti

Vedomosti Verkhovnogo Soveta SSSR see Russia (1923- U S S R) Verkhovnyi Sovet Vedomosti

Vecherniaia sredniaia shkola
1966 v. 9, no 2(940a), 3(485a),
5(485a), 6(49b),
1967 v. 10, no 1(940b), 2(1772c),
3(2158a)

Vechnoe
1967 no 1-2(37a), 3(226a), 4-5(377c),
6(2145a), 7(82547c), 9(2925a),
10(3101b)

Veseliba
1966 no 11-12(94b)
1967 no 1(94b), 2-3(524a), 4-5(418b),
6(2192a), 7-8(2593c), 11(381c)

Vselka
1966 v. 13, no 11-12(923c)
1967 v. 14, no 3(469c), 4(923c),
5(370a), 6(72143b), 8(92516b),
10(3232c)

Vestnik Akademii meditsinskikh nauk SSSR see Akademiia meditsinskikh nauk SSSR, Moscow Vestnik

Vestnik Akademii nauk Kazakhskoi SSR see Akademiia nauk Kazakhskoi SSR, Alma-Ata Vestnik

Vestnik Akademii nauk Kirgizskoi SSR see Akademiia nauk Kirgizskoi SSR, Frunze Vestnik

Vestnik Akademii nauk SSSR see Akademiia nauk SSSR Vestnik

Vestnik dermatologii i venerologii
1962 no 11(880i), 12(403a)
1963 v. 37, no 3(1003b)
1967 v. 41, no 3(275b), 5-6(3275c),
9(4154c)

Vestnik drevnei istorii see Akademiia nauk SSSR Institut istorii, Vestnik drevnei istorii

Vestnik elektropromyshlennosti
1966 v. 31, no 7(1009c)

Vestnik Kharkovskogo universiteta see Kharkov Universitet, Vestnik

Vestnik khirurgii
1967 v. 98, no 3(423b), 4(2196a),
5(3275a), 6(2970c),
v. 99, no 10(4154b)

Vestnik Kievskogo politekhnicheskogo instituta see Kiev Politekhnikheskiy Institut, Vestnik

Vestnik Leningradskogo gosudarstvennogo universiteta see Leningrad, Universitet Vestnik

Vestnik Lvovskogo universiteta see Lvov, Universitet Vestnik

Vestnik mashinostroyeniia
1966 v. 46, no 12(334a)
1967 v. 47, no 1(660a), 2(1020b),
3(457c), 4(817c), 5(2233b),
6-7(2096b), 8(3848c), 9(1178b),
10(4178c)

Vestnik Moskovskogo universiteta see Moscow Universitet, Vestnik

Vestnik Obshchestva russkikh veterinov Velikoi Voiny see Obshchestvo russkikh veterinov Velikoi Voiny, San Francisco Vestnik

Vestnik obshchestvennykh nauk Akademii nauk Armianskoi SSR see Akademiia nauk Armianskoi SSR, Erivan Vestnik obshchestvennykh nauk

Vestnik oftalmologii
1967 no 1(98b), 2(977a), 3(1814a),
4(2599b), 5(3273b), 6(3814c)

Vestnik otorinolaringologii
1948 v. 10, no 2(195c)
1964 v. 26, no 5-6(2599b)
1965 v. 27, no 6(2963a)
1966 v. 28, no 1(2988a), 2(2599b),
3(2195c), 4-5(2506b),
1967 v. 29, no 1-4(2569b), 6(3814c)

Vestnik pervopokhodnika

1966 no 61/62-63/64(42c)
1967 no 65/66(577b), 69/70(1858b),
71/72(3005a), 73-74(3571a),
75(4191b)

Vestnik protivovozdushnoi oborony

1964 no 7(4191b)
1965 no 9(3857a)
1966 no 6(4191c), 8(4191c), 10(2247a),
11(2614a), 12(2247a)
1967 no 1(2247b), 2(2644b), 3(1859b),
4(2247b), 5(2247c), 6(1192a),
7(3006a), 8(4192a), 11(4192b)

Vestnik rentgenologii i radiologii

1962 v. 37, no 3(94b), 4(2066a)
1966 v. 41, no 1(118b), 6(524a)
1967 v. 42, no 1(2993c), 2(1812a),
3(2966b), 4(3271a), 5(4150b)

Vestnik Russkogo studentcheskogo khristianskogo dvizheniia see Russkoe studentcheskoe khristianskoe dvizheniie Vestnik

Vestnik sel'skokhoziaistvennoi nauki
1966 v. 11, no 11(535a), 12(535b)
1967 v. 12, no 2(983c), 3(426c),
5(2202a), 7(2975a), 10(4156c)

Vestnik sel'skokhoziaistvennoi nauki, Alma-Ata

1966 v. 9, no 12(1819a)
1967 v. 10, no 1(535c), 2(2202b),
3(1819b), 5(2202c), 6(2974b),
7(2974c), 8(2975a), 9-10(3819c)

Vestnik statistiki

1960 no 12(41c)
1967 no 1(477b), 2-3(931b), 5(2150b),
6(2927c), 7-8(3236b), 9(3512c),
10(3770a)

Vestnik svyazi

1961 v. 21, no 2(1009c)
1966 v. 26, no 11(128c), 12(2623b)
1967 v. 27, no 1(2623c), 2(1010a),
3(2986c), 4(2623c), 5(2224a),
6(2080a), 7-8(3293c), 9(3560c),
10(3810b)

Vestnik Vsesoiuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta see Moscow Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta Vestnik

Vestnik vysshei shkoly

1966 v. 24, no 12(48b)
1967 v. 25, no 1(940b), 2(910c),
3(1772c), 4-5(2156b), 6(2566a),
7(4119b), 8(4119c), 11(4119c)

Vestnik zoologii

1967 v. 1, no 1(2948b), 3-4(3255a),
5(3795b)

Vestni Akademii nauk BSSR see Akademiia nauk BSSR, Minsk, Vestni

Veterinariia

1966 v. 43, no 11(107c), 12(308a)
1967 v. 43, no 1(108b), 2(985b),
3(986a), 4(428a), 5(2976b),
6(2903b)
v. 44, no 8(3270c), 9(3546a),
10(3828c), 11(3821a)

V'etnam

1966 no 11-12(31b)
1967 no 1-2(1759c), 4(2546b), 5(2023c),
6(3764b), 7-9(4105c)

Vilna. Astronomijos observatorija Dabietonia. Biulleten' Vil'niusskoi astronomicheskoi observatorii

1964 no 13(502b)
1965 no 15(502b)

Vilna. Geologijos institutas

Darbai
1965 v. 2(2940b)
1966 v. 3(2940b)

Vilna. Universitetas. Mokslu darbai Uchenye zapiski Vil'niusskogo gosudarstvennogo universiteta. Iazykoznanie
1968 v. 26(2557b)
1969 v. 30(2557b)

Vil'na Ukraina

1966 v. 13, no 52(935c)
1967 v. 14, no 53(2554c), 54(3230c)

Vinodeliie i vinogradarstvo SSSR

1967 v. 27, no 1(101a), 2(538a),
3(430b), 4(1822a), 5(2606c),
6(2977c), 7(3547b), 8(3822b)

Vita i kul'tura

1966 v. 30, no 6, 7(626a), 12(37b)
1967 v. 31, no 1/2-3/4(37b),
5/6(937c), 7/8(4145a), 9-10(3233c),
11-12(1108b)

Visnyk

1966 v. 20, no 11-12(16c), 7/8(181c), 10(935c),
1967 v. 21, no 3-4(935c), 2(181c),
5(181b), 6(1785b),
7(2551c), 9(2931a), 10(3775a),
11(4114c)

Visnyk Kyivs'koho derzhavnoho universitetu see Kiev Universitet Visnyk

Visnyk L'vivs'koho universitetu see Lvov, Universitet Visnyk

Visnyk sil's'kohospodars'koi nauky

1967 v. 10, no 1(100b), 2(536a),
3(984a), 5(181c), 7(2002),
8(2975b), 9-10(3278c), 11(3820a),
12(4156c)

Visti zhurnal muzevchno ta mystets'koho zhyttia

1962 v. 1, no 1-3(185b)
1963 v. 2, no 1-2(185b), 6-7(185b)
1964 v. 3, no 1-4(185b)
1965 v. 4, no 1-3(185b)
1966 v. 5, no 3(911b), 1(51a)
1967 v. 6, no 1(911b), 2(2557a)

Visti Bratstva kolyshaykh voiakiv Pershoi Ukrainy'koi Dyvizii Ukrainy'koi Narodnoi Armii see Bratstvo kolyshaykh voiakiv Pershoi Ukrainy'koi Dyvizii Ukrainy'koi Narodnoi Armii Visti

Visti kombataniv

1966 no 4, 5(442c)
1967 no 1(577b), 3(2247c), 4(3006b)

Visti Ukrainy'kykh inzheneriv
1967 v. 18, no 1(995a), 2/3(2611a)

Vitchyzna

1967 v. 35, no 1(56a), 2-3(490a),
4(943c), 5(1367b), 6(1775c),
7(2162a), 8(2558a), 9(2936a),
10(3243b), 11(3770c)

Vizantiskii vremennik

1967 v. 27(3766b)

Vladivostok. Tikhookeanskii nauchno-issledovatel'skii institut ybnogo khoziaistva i okeanografii Izvestiia
1967 v. 56(4158a)

Vneshniaia torgovlia

1966 v. 46, no 11-12(474b)
1967 v. 47, no 1(929a), 2(929c),
3(1763a), 4-5(2147b), 6(2519c),
7(2926c), 8(3231c), 9(1105b),
10-11(3767b)

Vodnoe khoziaistvo

1966 no. 4(223b)

Vodosnabzheniie i sanitarnaa tekhnika

1963 no 8(23c)
1966 no 11(554b), 12(1004b),
1967 no. 3(446c), 8-9(3835b)

Vodosnabzheniie, kanalizatsiia, gidrotekhnicheskoe sooruzheniia
1960 no 1(23c)

Voenna-istoricheski zhurnal

1966 v. 8, no 12(38a)
1967 v. 9, no 1(173b), 2(2028a),
3(373c), 4-5(2116b), 6(2926b),
10(4109b)

Voenna-meditsinskii zhurnal

1967 no. 1(974c), 2(975a), 3(4121b),
4(1812c), 5(2192a), 6(2593c),
7(3277b), 8(3540b), 9-10(3812a),
11(4150b)

Voennye znaniia

1967 v. 43, no 1(577b), 2(1858b),
3(1858c), 4(446c), 6(2044c),
7(3006b), 8(3857b), 9(4192b),
10(4192c)

Voennyi vestnik

1961 v. 41, no 6(577c)
1967 v. 40, no 4-5(1858c)
v. 47, no 6(2644c), 7(2247c),
8-9(3008c), 11(3857b)

Volnyv kodzuv

1965 no 1-6(943c), 10-12(943c)
1966 no. 1-2(943c), 4-12(943c)
1967 no 1(943c), 4-5(3387b), 6(2102b),
7-8(2936a), 9(3243b), 10-11(4122b)

- Vokrug sveta**
1967 no 2-3(42b), 6-7(216b), 8(2937c), 12(4124a), 10(3519a), 11(3780c), 12(4124a)
- Volga. Saratov**
1967 v. 2, no 4(1387c), 5(1775c), 7(2558a), 10(3518a), 12(3779c), 1-2(56a), 3(2162b), 5(1775c), 6(2162b), 8(2936a), 9(3243b), 12(3779c)
- Volgograd. Gosudarstvennyi pedagogicheskii institut**
Uchenye zapiski
1961 no. 14(136a)
1964 no. 18(33b)
- Volgograd Nauchno-issledovatel'skii institut nefianoi i garovoi promyshlennosti**
Trudy
1965 no 3(2244a)
- Vologda. Gosudarstvennyi pedagogicheskii institut**
Uchenye zapiski
1964 v 28(2545b)
1966 v 30(3231c)
- Volhyniana**
1964 no 1(3b)
1965 no 14(135b)
- Volzhskii matematicheskii sbornik**
1966 no 4(3261c)
- Voprosy antropologii**
1960 no. 4(561)
- Voprosy bezopasnosti v ugol'nykh shakhtakh**
1966 v 7(856b)
- Voprosy biofiziki, biokhimii i patologii eritrotsitov**
1967 no. 3(4129c)
- Voprosy biokhimii mozga**
1966 v 2(957a)
- Voprosy dinamicheskoi teorii raspriestraneniia seismicheskikh voln**
1959 no 3(576a)
1960 no 6(1391a)
- Voprosy dinamiki i prochnosti**
1966 no 12(3268b)
- Voprosy ekonomiki**
1960 no. 12(42a)
1967 no. 1(477b), 5(3236b), 6(2551c), 9-10(3770b)
- Voprosy eksperimental'noi onkologii**
1966 no 2(814c)
- Voprosy elektroniki svoikhvysokikh chastot**
1966 no. 2(1010a)
- Voprosy erozii i povysheniia produktivnosti sklonovykh zemel' Moldavii**
1966 v 5(4156c)
- Voprosy estetiki**
1965 no 7(625c)
- Voprosy filosofii**
1965 v 20, no 12(36c), 1(472a), 2(925c), 3(1371a), 4(1761a), 5(2144b), 6(2547b), 7(2924c), 8(3509c), 9(4107c), 11(4107c)
- Voprosy fizicheskogo vospitaniia studentov**
1966 no 3(50a)
- Voprosy geografii**
1966 no 69(1389b), 71(1777b), 72(2104b)
- Voprosy geografii Kamchatki**
1965 no. 3(56b)
1966 no. 4(492b)
- Voprosy geografii Sibiri**
1966 no. 6(4124a)
- Voprosy i otvety**
1967 v 18, no. 3(923c), 5(1759c), 7(2546b), 8(2923c), 9(3232c), 10-11(3764b)
- Voprosy iazykoznaniiia**
1962 v. 11, no. 1(4121c)
1966 v. 15, no. 5(54a), 6(488c)
1967 no 1(488c), 2(1385c), 3(2161a)
- Voprosy ikhtologii**
1967 v. 7, no. 1(1400b), 2(1792b), 3(2175b), 4(3795b), 5(3795c)
- Voprosy inzhenernoi seismologii**
1967 no 11(2619b)
- Voprosy issledovaniia i ispol'zovaniia pochv Moldavii**
1965 no 3(426c)
1966 no 4(3820j)
- Voprosy istorii**
1966 v 41, no 12(391)
1967 v 42, no 1(473c), 2(9261), 3-4(1373c), 5(2146b), 6(2020b), 7(3234a), 8-9(4109c), 10-11(1110a)
- Voprosy istorii estestvoznaniia i tekhniki**
1967 no 2(2944b), 22(2944c)
- Voprosy istorii KPSS**
1967 v. 11, no 1(47a), 2(481c), 3(935c), 4-5(1769b), 6(2154b), 7-8(2931a), 9(3775b), 10(4114c), 11-12(4115a)
- Voprosy istorii Kommunisticheskoi partii Kazakhstana**
1965 no 3(935c)
1966 no 4(1381b)
- Voprosy istorii Urala**
1963 no 4(35b)
- Voprosy istorii slavian**
1966 no 2(39b)
- Voprosy izobretenel'stva**
1966 no 2(2979c), 7(2211c), 8(113b), 9(2611a), 10-11(2211c), 12(2212a)
1967 no. 1(435b), 2(825c), 3(1826a), 4(2011b), 6(3820c), 7(3550c), 8(3827a), 9(3550c), 10(3827a)
- Voprosy kibernetiki i vychislitel'noi matematiki**
1966 no 1(9631), 2(2582c)
- Voprosy kinokussiva**
1967 no 10(2934a)
- Voprosy kommunal'noi gigieny**
1966 no 6(4153c)
- Voprosy kul'tury rechi**
1966 no. 7(54a)
1967 no 8(2161a)
- Voprosy kurortologii, fizioterapii i lochebnoi fizicheskoi kul'tury**
1962 v 27, no 6(527c)
1966 v 31, no 6(528a)
1967 v 32, no 1(2597b), 2(2106b)
- Voprosy literatury**
1961 v. 6, no 9(490a)
1966 v 10, no 12(943c)
1967 v. 11, no. 2(1387c), 8(3779c), 9(4122b)
- Voprosy matematicheskoi ekspluatatsii vychislitel'nykh mashin see Akademiia nauk SSSR. Komissia po ekspluatatsii vychislitel'nykh mashin**
Voprosy ekspluatatsii vychislitel'nykh mashin
- Voprosy matematicheskoi fiziki i teorii funktsii**
1964 no. 2(903a)
- Voprosy meditsinskoi khimii**
1966 v 12, no. 6(400c)
1967 v 13, no. 1(422a), 2(2960b), 3(2197b), 4(3543a)
- Voprosy mekhaniki**
1966 no 4(2630c)
- Voprosy mikropaleontologii**
1966 no. 10(1391b)
- Voprosy mineralologii osadochnykh obrazovani**
1966 v 7(2040b)
- Voprosy morfologii**
1964 v 33, no 4(2048b)
- Voprosy nauchnogo ateizma**
1966 no 1(37b), 2(2145a)
- Voprosy neirokhirurgii**
1967 v. 31, no. 2(108b), 5(4154c)
- Voprosy okhrany materinstva i detstva**
1967 v. 12, no. 2(97a), 3(525a), 4(976b), 5(1813b), 6(2195c), 7-8(2595a), 9(3272c), 10-11(3540c)
- Voprosy onkologii**
1963 v. 9, no. 3(99c)
1966 v. 12, no. 11-12(100a)
1967 v 13, no. 1(526b), 2(977c), 3-4(1815b), 5(2597c), 6(2968b), 7(2968c), 8(3274a), 9(3542c), 11(4152c)
- Voprosy pitaniia**
1965 v 24, no 1(2175c)
1966 v 25, no 6(508a)
- Voprosy preduprezhdeniia prestupanii**
1966 no 4(483a)
- Voprosy psikhologii**
1966 v. 12, no 6(36c)
1967 v. 13, no. 1(1371b), 2(2144c)
- Voprosy radiobiologii**
1961 v 4(94c)
- Voprosy revmatizma**
1961 v 1, no. 1(2594a)
1965 v 5, no 2(2594a)
1966 v 6, no 1(3271b), 2-4(25542)
1967 v 7, no 1-2(25941)
- Voprosy rudnichno transporta**
1965 no 9(856c)
- Voprosy russkoi literatury**
1966 no 1(3518a)
1967 no 1(3779c)
- Voprosy slavianskogo iazykoznaniiia**
1961 no. 5(4121c)
- Voprosy sosudistoi patologii golovnog i spinal'nogo mozga**
1966 no. 4(3274b)
- Voprosy tekhnologii**
1967 no 4(3518b)
- Voprosy truda see Moscow. Nauchno-issled. skii institut truda**
Voprosy truda
- Voprosy viusologii**
1963 v 8, no 4(73b)
1966 v 11, no 5(73c), 6(74a)
1967 v 12, no 1(957b), 2(2570b), 3(2570c), 5(4195b)
- Voprosy vokal'noi pedagogiki**
1967 no. 3(259c)
- Voprosy vychislitel'noi matematiki i tekhniki**
1966 no 10(2582c)
- Voronezh. Gosudarstvennyi pedagogicheskii institut**
Izvestiia
1964 v. 44(2545b)
- Voronezh. Lesotekhnicheskii institut**
Nauchnye zapiski
1966 v. 31, no 3(3821c)
- Voronezh. Universitet**
Trudy
1965 v. 63(33b)
- Vospitanie shkol'nikov**
1967 v. 2, no. 1(40c), 2(1384b), 3(2158c), 4(2934a)
- Vozhatyi**
1967 v. 43, no. 1(31b), 2(466c), 3-4(1024a), 5(1759c), 7-8(2546b), v 44, no. 9(2923c), 10(3232c), 11(3509b), 12(3764c)
- Vozhik**
1966 v 26, no. 24(34b)
1967 v 27, no. 1-2(34b), 3-6(9241), 7(1370a), 8(1759c), 9-11(2143b), 12-13(2546b), 14-16(2623c), 17-18(3232c), 19(3509b), 20-21(3764c), 19(3509b)
- Vozrozhdenie**
1967 no. 182(56a), 183(460c), 184(944a), 185(1387c), 186(1775c), 187(2558a), 188-189(2936a), 190(4122b), 192(3760a)
- Vrachebnoe delo**
1967 no. 1(95b), 2(528b), 3(1418c), 4(1419a), 5(2192b), 6(2192c), 7(2594a), 8(3271c), 9(3812b), 10(3813a), 11(4150c)
- Vsemirnoe professiuznoe dvizhenie**
1967 no. 1(932b), 2(2151b), 3(3237b), 4(2553a), 5(3237b), 6(3771a)
- Vsesoluznaia Akademiia sel'skokhoziaistvennykh nauk im. V. I. Lenina**
Doklady
1966 no. 3(427a), 4(984a), 5(427a), 6(984a), 7(984b), 8(984c), 9(536a)
1967 no. 1(427b)
- Vsesoluznoe botanicheskoe obshchestvo. Sverdlovskoe otdelenie**
Zapiski
1966 no 4(1792c)

- Vsesoyuznoe fiziologicheskoe obshchestvo imeni I. P. Pavlova Orenburgskoe otdelenie**
Trudy
1964 no. 3(1793a)
- Vsesoyuznoe khimicheskoe obshchestvo imeni D. I. Mendeleeva**
Zhurnal
1966 v. 11, no. 6(78b)
1967 v. 12, no. 1(140a), 2(1798b), 3(3257a), 4(3257b), 5(3798b)
- Vsesoyuznoe mineralogicheskoe obshchestvo**
Zapiski
1961 v. 90, no. 1(496b)
1965 v. 95, no. 6(496b)
1967 v. 98, no. 1(2168b), 2(2168c), 3(2940c), 4(3784b)
- Vsesoyuznoe mineralogicheskoe obshchestvo Uzbekistanskoe otdelenie**
Zapiski
1966 no. 18(130)c
- Vsesoyuznoe obshchestvo pochvedovedov Kirgizskii filial, Frunze**
Izvestiya
1967 v. 10, no. 1(106b)
- Vsesoyuznyi nauchno-issledovatel'skii institut agrolomomelioratsii**
Nauchno-issledovatel'skie raboty aspirantov i molodykh uchennykh
1965 no. 40(821a)
- Vsesoyuznyi nauchno-issledovatel'skii institut novykh stroitel'nykh materialov**
Sbornik trudov
1966 no. 7(124a)
- Vsesoyuznyi nauchno-issledovatel'skii institut po mashinam dlia promyshlennosti stroitel'nykh materialov**
Sbornik trudov
1966 no. 6(2996c)
- Vsesoyuznyi nauchno-issledovatel'skii institut prirodnnykh gazov**
Trudy
1967 no. 26/34(2617c), 28/36(2217b)
- Vsesoyuznyi neftegazovyi nauchno-issledovatel'skii institut**
Nauchno-tekhnicheskii sbornik po dobyche nefli
1959 no. 3(576a), 6-7(1030c)
1960 no. 8(576b), 9(2642c)
1961 no. 11(3003c), 12(2043a)
1966 no. 29(2244a), 30(1857a)
1967 no. 31(2643a)
- Vsesoyuznyi neftegazovyi nauchno-issledovatel'skii institut**
Trudy
1966 no. 47(4188a), 48(4187b)
- Vsesoyuznyi neftegazovyi nauchno-issledovatel'skii institut. Krasnodarskii filial**
Trudy
1964 no. 13(2643b)
1966 no. 15(4465c)
- Vsesoyuznyi sovet nauchno-tekhnicheskikh obshchestv Nauchno-tekhnicheskoe obshchestvo SSSR**
1961 v. 3, no. 7(3285c), 10(2611b)
1962 v. 4, no. 6(3285c)
1966 v. 8, no. 10(2611b), 11-12(2611c)
1967 v. 9, no. 1(995a), 2-3(4435b), 4(2212a), 5(2611c), 6-7(3286a), 9(3551a), 10(3627a)
- Vsesoyuznyi tsentral'nyi sovet professional'nykh sovetov**
Sbornik postanovlenii
1966 for Apr.-June 1966 (43a)
for July-Sept. 1966 (932c)
for Oct.-Dec. 1966 (1378a)
for Jan.-Mar. 1967 (2653a)
- Vsesvit**
1967 v. 10, no. 1-2(34b), 3(469c), 4-5(1370a), 6(1759c), 7(2546b), 8(2923c), 9(3764c), 10(3232c), 11-12(4105c)
- Vychislitel'naya matematika**
1965 no. 2(82b)
- Vychislitel'naya seismologiya**
1966 no. 1(2164b), 2(2937c)
- Vychislitel'naya tekhnika**
1966 no. 5(515a)
- Vychislitel'nye metody i programmirovaniye**
1966 v. 5(515a)
- Vychislitel'nye sistemy**
1966 no. 22-23(515b), 24(2183a), 25(1803b)
- Vydavnytsvo "Doroga Pravdy"**
1965 no. 33(3219a)
- Vysokomolekuliarnye soedineniya**
1962 v. 4, no. 11(78b)
1966 v. 8, no. 10(78c)
- Vysokomolekuliarnyye soedineniya. Seriya A**
1967 v. 9, no. 1(1404b), 2(3531b), 3(3531c), 4(2180a), 5(2575c), 6(2576a), 7(3798c), 9(4134b)
- Vysokomolekuliarnyye soedineniya. Seriya B**
1967 v. 9, no. 1(1798c), 4(3257c), 5(4131c), 6(2954c), 7(3532a), 8(3798a), 9(4135a)
- Vyzvol'nyi shliakh**
1967 v. 20, no. 1-2(34b), 3(469c), 4-5(1370a), 6-7/8(2546b), 9(2923c), 10(3764c)
- Vzaimozamenimost' i tekhnicheskie izmereniya v mashinostroeni, nauchno-tekhnicheskii sbornik**
1967 no. 5(2997a)
- Vzryvnoye delo**
1962 no. 49/6(1031a)
1966 no. 60/17(576b), 61/18(576c)
1967 no. 62/10(4187c)
- Winnipeg. Ukrainian Research Institute of Volyn Proceedings**
1966 no. 15(1762a)
- Yakutsk. Nauchno-issledovatel'skii institut sel'skogo khozaistva**
Sbornik nauchno-tekhnicheskoi informatsii
1962 no. 8(427b)
- Yakutsk. Respublikanskii kraevedcheskii muzei**
Sbornik nauchnykh statei
1966 no. 4(3234a)
- Yakutsk. Universitet**
Uchenye zapiski
1965 no. 15(2142b), 16(1368a)
- Yalta. Gosudarstvennyi Nikitskii botanicheskii sad**
Trudy (Nauchnye trudy)
1961 v. 35(2205b)
1967 v. 38(2978a)
- Yelabuga. Gosudarstvennyi pedagogicheskii institut**
Uchenye zapiski
1963 v. 11, no. 4(3764a)
1965 v. 15(923a)
- Za bezopasnost' dvizheniya**
1967 v. 9, no. 1-2(34b), 4(1020c), 5(2233c), 6(2630c), 7-8(2997a), v. 10, no. 9-11(4170a)
- Za rufem**
1967 no. 3-4(458a), 5(2233c), 6-7(3299b), 9(3569b), 10(3849a)
- Za sotsialisticheskuyu sel'skokhoziaistvennuyu nauku**
1966 v. 15, no. 4(530a)
1967 v. 16, no. 1(819c)
- Za tekhnicheskii progress**
1966 v. 6, no. 8(2612a), 10(2612a), 12(113b)
1967 v. 7, no. 1(826a), 2(2212a), 3(826b), 4(2121b), 5(2612b), 6(3551a), 7(3551b)
- Zakonovernosti razmeshcheniya poleznykh iskopnykh**
1967 no. 8(3245c)
- Zakupki sel'skokhoziaistvennykh produktov**
1966 no. 8(474c), 9(929c), 10(930a), 11(474c), 12(475a)
1967 no. 2-3(2147c), 4(2519c), 5(2148a), 6(2927a), 7(4110b), 9(3787c)
- Zamechatel'nye uchenye Moskovskogo universiteta**
1966 no. 30(448a)
- Zachnyi seminar "Kontseptsional'nyi aspekt" i teorii mekhanizatsii v stroitel'stve"; Iokstii**
1962 no. 1(1751a)
- Zapiski Leningradskogo gornogo instituta**
see Leningrad. Gornyi institut Zapiski
- Zapiski Leningradskogo sel'skokhoziaistvennogo instituta** see Pushkin. Leningradskii sel'skokhoziaistvennyi institut Zapiski
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Monthly Index *of* Russian Accessions



Volume 21, No. 2

May 1968

THE LIBRARY OF CONGRESS
WASHINGTON : 1968

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1954 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1954. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 21 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. A guide to the classes used and an alphabetical index to the names of these classes precedes Part C.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Parts C and D, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

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* Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

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2. BIBLIOGRAPHY

- VILENSKAIA, S. K., A. N. VEREVKINA, and G. P. FONOTOV [Fundamentals of library and bibliographic science] Osnovy bibliotечно-bibliograficheskikh znaniy. Pod red. A. D. Elkhengol'tsa. Moskva, "Vyssh shkola," 1967 117 p.

3. PHILOSOPHY & RELIGION

- BORISOV, V. N. [Levels of the logical process and basic trends in their study] Urovni logicheskogo protsessa i osnovnye napravleniya ikh issledovaniya. Otv. red. M. A. Rozov. Novosibirsk, "Nauka," 1967 210 p.

- [DIALECTICAL AND HISTORICAL MATERIALISM] Dialekticheskiy i istoricheskiy materializm. Moskva, Politizdat, 1967 320 p.

- [AN ELEMENTARY COURSE IN PHILOSOPHY, for students of schools teaching the principles of Marxism-Leninism] Pochatkovyyi kurs filosofii, dlia slukhachiv shkol osnov markizmu i leninizmu. Kyiv, Politytydav Ukrainy, 1966 279 p. [Dlia systemy partiynoho navchannia].

- FADDEEV, E. T. [The "miracles" of religion and the power of science] "Chudesa" i religii i mogushchestvo nauki. Moskva, "Znanie," 1967, 47 p. (Novoe v zhizni, nauka, tekhnika. XII Seriya. Estestvoznaniye i religiya, 11).

- LIVSHITS, G. M. [Origin of Christianity in the light of the Dead Sea scrolls] Proiskhozhdeniye khristianstva v svete rukopisei Merivogo moria. Minsk, "Vysheish shkola," 1967 310 p.

- [PHASES IN THE DEVELOPMENT OF ATHEISM IN THE U.S.S.R.] Po etapam razvitiya ateizma v SSSR. Leningrad, "Nauka," 1967, 331 p.

- PREDVECHNYI, G. P. [French bourgeois aesthetics: the 1840's-1860's] Frantsuzskaya burzhuaznaya estetika; 40-60-e gg. XX v. Rostov n/D, Izd. Rost. un-ta, 1967 252 p.

- ROZHIN, V. P. [Methods in teaching Marxist-Leninist philosophy] Metodika prepodavaniya marksistsko-leninskoi filosofii. [Leningrad] Izd. Leningr. un-ta. 1967. 157 p.

- SLIVKA, IV. IU. [Reactionary role of the Uniates in the history of the Ukrainian people] Reaktsiynaya rol' uniit v istorii ukrainskogo naroda. Kyiv, "Znannta," 1967. 46 p. [Bibliotekha z istorii Ukrainy]

- ZONAL'NAIA NAUCHNAIA KONFERENTSIIA PO FILOSOFSKIM NAUKAM, 2d, 1966 [Materials of the Second Regional Conference on Philosophical Sciences] Materialy. Perm', 1966 528 p.

4. HISTORY

- [AGAINST THE BOURGEOIS DISTORTION OF THE HISTORY OF SOVIET SOCIETY] Protiiv burzhuaznoi falsifikatsii istorii sovetskogo obshchestva. Sbornik statei. Otv. red. V. A. Ovsiankin. Leningrad, Izd. Leningr. un-ta, 1967. 160 p.

- ANISIMOV, N. N., and V. N. SOROKIN. Kozel'sk, Tula, Priokskoe kn. izd., 1967. 174 p.

- BALAIAN, B. P. [International relations of Iran in 1813-1828] Mezhdunarodnye otnosheniya Irana v 1813-1828 gg. Erevan, Izd. AN Arm. SSR, 1967 295 p.

- [THE BATTLE FOR BUKOVINA] Bitva za Bukovinu. Uzhgorod, "Karpaty," 1967 191 p.

- BEREZHNOI, I. I. [Two raids, notes of a guerilla commander] Dva reida, zapiski partizanskogo komandira. Gor'kii, Volgo-Vinskoe kn. izd., 1967 284 p.

- BRASHINSKII, I. B. [Treasures of Scythian kings, searches and finds] Sokrovishecha skifskikh tsarei, polski i nakhodki. Moskva, "Nauka," 1967 126 p.

- [CENTURIES OF UNEQUAL STRUGGLE] Veka neravnoi bor'by. Moskva, "Nauka," 1967 451 p. (Nats. osvobodit. dvizhenie v Azii i Afrike)

- CHUKUBAEV, A. A. [The class struggle and social ideas in Kirghizia (1900-1917)] Klassovaya bor'ba i obshchestvennaya mysl' v Kirgizii (1900-1917 gg.). Frunze, "Kyzylstan," 1967. 162 p.

- [THE CIVIL WAR IN THE UKRAINE, 1918-1920, a collection of documents and materials in the three volumes and in four books] Grazhdanskaya voyna na Ukraine, 1918-1920, sbornik dokumentov i materialov v trikh tomakh, chetyrkh knigakh. Kiev, "Naukova dumka."

- T. 3 [Failure of the White Polish intervention. Defeat of the Ukrainian nationalist counter-revolution and the White Guards of General Wrangel]. Mai-ch-November 1920. Knakh belopol'skoi interentsii, razgrom ukrainskoi natsionalisticheskoi konti i evolutsiit i belogvardetskikh voisk. Vrangeli, mai-i-noliabr' 1920 g. Pod red. N. K. Kolesnika. 1967. 908 p.

- DRABKIN, I. A. S. [The November Revolution in Germany] Noliabr'skaya revoliutsiia v Germanii. Moskva, "Nauka," 1967 433 p.

- [THE 50th ANNIVERSARY OF THE OCTOBER REVOLUTION IS THE TRIUMPH OF MARXISM-LENINISM] 50 let Oktabria - torzhestvo marksizma-leninizma. Moskva, Politizdat, 1967. 366 p.

- FREIDLIN, B. M. [Studies in the history of the Russian labor movement in 1917] Ocherki istorii rabocheho dvizheniya v Rossii v 1917 g. Moskva, "Nauka," 1967 339 p.

- [GENERAL LUKACS, memoirs] General Lukach, vospominaniya. Moskva, Voenizdat, 1967 221 p.

- [GOLDEN STARS. A book on the heroes and two-time heroes of the Soviet Union born in Dnepropetrovsk Province] Zolotyie Zvezdy. Kniga o dvazhdy Gerolakh i Gerolakh Sovetskogo Soiuza, urozhentsakh Dnepropetrovshchiny. Dnepropetrovsk, "Promin'," 1967 430 p.

- GORIUSHKIN, L. M. [Siberian peasantry between two centuries; the late 19th and early 20th century] Sibirskoe krest'iansvo na rubezhe dvukh vekov; konets XIX-nachalo XX. Otv. red. I. M. Razgon. Novosibirsk, "Nauka," 1967. 411 p.

- [THE HELLENISTIC NEAR EAST, THE BYZANTINE EMPIRE, AND IRAN. History and philology. A collection of articles dedicated to the 70th birthday of N. V. Pigulevskaya, a corresponding member of the Academy of Sciences of the U.S.S.R.] Eilnisticheskii Blizhniy Vostok, Vizantiia i Iran. Istoriia i filologiya. Sbornik v chest' semidessiatletia chl.-kor. AN SSSR N. V. Pigulevskoi. Moskva, "Nauka," 1967. 214 p.

- [HEROES OF THE OCTOBER REVOLUTION. Biographies of leading participants in preparations for and the carrying out of the October armed uprising in Petrograd] Biografi aktivnykh uchastnikov podgotovki i provedeniia Oktabr'skogo vooruzh. vosstaniia v Petrograde. Leningrad, Lenizdat. T. 1. 1967. 655 p. T. 2. 1967. 823 p.

- IAKUSHINA, A. P. [Organizations of the Russian Social Democratic Party in foreign countries, 1905-1917. The Bolsheviks in emigration] Zagranichnye organizatsii RSDRP, 1905-1917 gg. Bol'sheviki v emigratsii. Moskva, "Vyssh shkola," 1967 131 p. (Studentu, izuchalushchemu istoriiu KPSS)

- ISRAELIAN, V. L., and L. N. KUTAKOV [Diplomacy of the aggressors. The German-Italian-Japanese fascist bloc. History of its origin and failure] Diplomatia agressorov. Germano-italo-iaponskii fashistskii blok. Istoriia ego vozniknoveniia i kakhia. Moskva, "Nauka," 1967 436 p.

- KAMENTSEVA, E. I. [Chronology] Khronologiya. Moskva, "Vyssh shkola," 1967 186 p.

- MOKOV, S. I. [Proletarian internationalism in the defense of the ideas of the October Revolution; efforts of the Communist Party to ensure the international solidarity of workers during the civil war and foreign armed intervention, 1918-1920] Proletarskii internationalizm na zaschite idei Oktabria, delatel'nost' Kommunisticheskoi partii po international'nomu splocheniu trudiasheikhskia v gody grazhdanskoi voyny i inostranoi voennoi interentsii, 1918-1920 gg. [L'vov], Izd. L'vovskogo un-ta, 1967 113 p.

- NABIEV, R. N. [The Tashkent uprising of 1847 and its socioeconomic causes] Tashkentskoe vosstanie 1847 g i ego sotsial'no-ekonomicheskie-predposylki. Tashkent, "Fan," 1966 78 p.

- [THE OCTOBER REVOLUTION IN THE VOLGA VALLEY] Oktiahr' v Povolzh'e. Saratov. Povolzhskoe kn. izd., 1967. 610 p.

- PALM, ALBERT [They fought like guardsmen] Nad volostid napaiknadvachased. Tallinn, "Eesti Raamat," 1966 121 p. [In Estonian]

- [PETROGRAD DURING THE OCTOBER REVOLUTION. Reminiscences of participants in the revolutionary events of 1917 in Petrograd] Petrograd v dni Velikogo Oktabria. Vospominaniya uchastnikov revoliuts. sobytii v Petrograde v 1917 g. Leningrad, Lenizdat, 1967. 550 p.

- PODOLIAN, A. I. [Stages of history] Vekhi istorii [Kishinev, "Kaitia Moldovenianske," 1967] 93 p.

- POTOV, A. F. [Pages of a great life, Lenin in Petrograd from April, 1917 to March, 1918] Stranitsy velikoi zhizni, Lenin v Petrograde, apr. 1917 goda - mart 1918 goda. Leningrad, "Detskaya lit.", 1967 102 p.

- RAFTOPULLO, A. A. [Guardsmen, memoirs of a tankman] Gvardetsy; vospominaniia tankisla. Tula, Priokskoe kn. izd., 1967. 140 p.

- RAVICH, N. A. [Youth of a century] Molodost' veka. Moskva, "Sov Rossiia," 1967. 357 p.

- [SOVIET HISTORIOGRAPHY OF THE CLASS STRUGGLE AND REVOLUTIONARY MOVEMENT IN RUSSIA] Sovetskaya istoriografiia klassovoi bor'by i revoliutsionnogo dvizheniia v Rossii. Otv. red. A. L. Shapiro. [Leningrad], Izd. Leningr. un-ta. Pt. 1. 1967 218 p.

- SPRESLIS, A. I. [Latvian riflemen guarding the achievements of the October Revolution, 1917-1918] Latvieskie strelki na strazhe zavoevanti Oktabria, 1917-1918 gg. Riga, "Zinatne," 1967. 242 p.

- [STUDIES IN THE HISTORY OF SOVIET DUNGANS] Ocherki istorii sovetskikh dungan. Pod red. M. Shashanlo i G. G. Statanovicha. Frunze, "Ilim," 1967. 205 p.

- [STUDIES IN THE HISTORY OF THE OREL PROVINCE PARTY ORGANIZATION] Ocherki istorii Orlovskoi partinnoi organizatsii. Tula, Priokskoe kn. izd., 1967. 340 p.

[THIS THE DON VALLEY STEPPES CANNOT FORGE], a collection of reminiscences] Pomiati stepi Donskie, sbornik vospominanii [Rostov-na-Donu] Rostovskoe kn. izd., 1967 336 p

VYSOTSKII, A. V. [And let the morning come] I pusi' nastupit utro Moskva, Voenizdat, 1967 157 p (General i polvigi).

[WORK OF IRKUTSK PROVINCE LIBRARIES IN THE FIELD OF LOCAL HISTORY] Kraevovedcheskaia rabota bibliotek Irkutskoi oblasti Irkutsk, 1967 69 p.

ZELENTSOV, A. A. [Ten hours of courage] Desiat' chasov muzhestva. Moskva, Voenizdat, 1967 110 p (B-ka soldata i matroza)

5. SOCIAL SCIENCES

AFANAS'EV, P. [Russia begins here Notes of a secretary of a province party committee] Zdes' nachinaetsia Rossiia Zapiski sekretaria obkoma Moskva, Politizdat, 1967 159 p

ALMATINSKAIA, A. V., and A. I. AVDEEVA. [The light of our eyes] Svet nashikh ochei. Tashkent, "Uzbekistan," 1967 99 p

BABENKO, A. S. [Dispatching service in agriculture] Dispatcherskaia sluzhba v sel'skom khoziaistve Moskva, "Kolos," 1967 151 p

BORTNIK, M. IU. [Currency circulation and credit in capitalist countries] Denezhnoe obshchenie i kredit kapitalisticheskikh stran Moskva, "Finansy," 1967 223 p

BRIL', G. D. [Technical and economic bases of the mechanization of transport and warehouse work] Tekhniko-ekonomicheskie osnovaniia mekhanizatsii transportnykh i skladsikh rabot Leningrad, 1967 28 p (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya Ekonomika i planirovanie proizvodstva)

[CHAIRMEN SPEAK] Rasskazyvali predsedateli [Gor'tkii, Volgo-Viat kn. izd.], 1967 299 p

CHEMODANOV, M. P. [Transformation of science into a direct production force during the building of communism] Prevrashchenie nauki v neposredstvennuiu proizvoditel'nuiu silu v protsesse stroitel'stva kommunizma. Moskva, "Mysl'," 1966 90 p

DEMUSIAK, A. G. [International organization on standardization] Mezhdunarodnaia organizatsiia po standartizatsii. Pod red. G. A. Polenikina Moskva, Izd. Standartov, 1967 234 p

DUEL', I. A. [Acceptance of industrial goods by quality and quantity] Priemka promyshlennykh tovarov po kolichestvu i kachestvu Izd. 4., dop. i pererab. Moskva, "Ekonomika," 1967 95 p.

[ECONOMIC CONDITION OF RUSSIA ON THE EVE OF THE GREAT OCTOBER SOCIALIST REVOLUTION Documents and materials] Ekonomicheskoe polozhenie Rossi i nakanune Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii. Dokumenty i materialy. Leningrad, "Nauka "

Ch. 3. [Agriculture and the peasantry] Sel'skoe khoziaistvo i krest'ianstvo 1967 540 p

[ECONOMIC REGULARITIES OF THE DEVELOPMENT OF THE WORLD SOCIALIST SYSTEM, a collection of materials] Ekonomicheskie zakonomernosti i razvitiia mirovoi sotsialisticheskoi sistemy, sbornik materialov. Pod red. V. V. Voznitskoi. Moskva, 1967 80 p

IAN PROVINCE DURING 50 years] Narodnoe khoziaistvo i kul'tura Irkutskoi oblasti za 50 let, statisticheski sbornik. Irkutsk, 1967 175 p.

SOCIALIST REVOLUTION 50 let Velikoi Oktjabr'skoi revoliutsii Dokumenty 1967 239 p.

R. A textbook] Moskva,

Platidnevnaia rabochaia kn. izd. 1967 175 p.

GAMBAT-KUREK, L. I., G. IA GRANTYN', and I. A. PESHKOV [Using the fund for the development of production] Ispol'zovanie fonda razvitiia proizvodstva Moskva, "Ekonomika," 1967 46 p (Prieditelie v novykh usloviakh)

GENKIN, B. M. [Calculating the optimum systems of the maintenance of equipment and work areas] Raschet optimal'nykh sistem obsluzhivaniia oborudovaniia i rabochikh mest Leningrad, 1967 31 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Seriya "Ekonomika i planirovanie proizvodstva")

GONCHAROV, A., and P. LUNIAKOV [V I Lenin and the peasantry] V I Lenin i krest'ianstvo Moskva, Politizdat, 1967 199 p

HOSHIKO, IU. H. [Community life of workers in the Western Ukraine, 1920-1939] Riomad's'kyl pobut i oblyn-kiv Zakhidnoi Ukrainy, 1920-1939 ir Kyiv, "Naukova dumka," 1967 261 p

IBRAGIMOV, A. I. [Progressive forms of labor organization and business accounting within individual production units employed in cotton growing] Progressivnye formy organizatsii truda i vnutrikhloziastvennyi raschet v khlopkovodstve. Tashkent, "Fan," 1967 76 p

ILEBAEV, U. [Private garden plots in Kirghizistan] Prusadebnoe zemel'pol'zovanie v Kirgizskoi SSR Frunze, "Kyrgyzstan," 1965 38 p

[INTERBRANCH STUDIES IN ECONOMIC REGIONS Work practice of the Baltic Economic Region] Mezhotraslevye issledovaniia v ekonomicheskikh ratonakh. Opyt raboty po Priball'tskomu ekonomicheskomu raionu Moskva, "Nauka," 1967 381 p

[KEEPING RECORDS OF EXPENDITURES ON COMMUNAL WORK IN AGRICULTURE, problems of methodology and methods] Uchet obshchestvennykh zatrat truda v sel'skom khoziaistve, voprosy metodologii i metodiki. Moskva, "Ekonomika," 1967 269 p

KOLESNIEV, S. G., and others. [Problems of economics and labor organization in agriculture] Voprosy ekonomiki i organizatsii truda v sel'skom khoziaistve Moskva, "Znanie," 1967 62 p (Novoe v zhizni, nauke, tekhnike V Serii Sel'skoe khoziaistvo, 11)

KOSHKAREV, A. P., and S. S. CHUBENKO [The economic reform and intraplant business accounting] Khoziaistvennaia reforma i vnutrizavodskii khozraschet Moskva, "Ekonomika," 1967 215 p. (Prieditelie v novykh usloviakh).

KRASOVSKII, V. P. [Problems of the economics of capital investments] Problemy ekonomiki kapital'nykh vlozhenii. Moskva, "Ekonomika," 1967 173 p

KRAVTSOV, P. T. [For the national table] K stolu narodnomu. [Kishinev, "Kartia Moldoveniaske," 1967] 58 p

[LABOR PRODUCTIVITY IN AGRICULTURE ABROAD. A collection of translations from foreign periodicals] Proizvoditel'nost' truda v sel'skom khoziaistve za rubezhom Sbornik perevodov iz inostr. period literatury Pod red. V. F. Mashenkova. Moskva, "Kolos," 1967 343 p.

[LENINGRAD INDUSTRY DURING 50 YEARS] Leningradskaya promyshlennost' za 50 let. [Leningrad] Leningrad, 1967 436 p

LEVCHENKO, IRINA. [Daughters of Vietnam] Dochери V'ietnama [Moskva, 1967] 48 p (B-chka zhurn. "Sov voin." No 21(568)).

[LIGHTENED BY THE OCTOBER REVOLUTION The Adyghe Autonomous Province during the last 50 years] Oktjabrem ozarenniia. Adygheia za 50 let. Sbornik [Maikop, Krasnodarskoe kn. izd., 1967] 219 p.

MAKAROVA, N. F. [Under the same roof] Pod odnoi kryshei. Moskva, Politizdat, 1967 141 p. (Biblioteka semeinogo chteniia).

MALIN, K. M. [Vital resources of mankind] Zhiznennyye resursy chelovechestva. Izd. 2-e, pererabot. i dop. Moskva, "Nauka," 1967 187 p. (Nauch.-popul. seriia).

MANZON, A. I., and G. E. NAGULA [Manual on traffic regulations for cities, populated places, and highways of the U. S. S. R.] Posobie po pravilam dvizheniia po ulitsam gorodov, naselennykh punktov i dorogam SSSR. Izd. 4-e, ispr. Kiev, "Tekhnika," 1967 144 p.

MARTYNOV, V. D. [Agrarian relations and agricultural cooperation in Sweden] Agrarnye otnosheniia i skokhoziaistvennaia kooperatsiia v Shvetsii Moskva, "Nauka," 1967 187 p.

[MODERN BOURGEOIS IDEOLOGY IN THE U. S. A. (Some social and ideological problems)] Sovremennaya burzhuaznaia ideologiya v SShA. (Nekotorye tsial'no-ideol. problemy) Pod red. IU. A. Zarkina [i dr.]. Moskva, "Mysl'," 1967 342 p

MUKSINOVA, L. [The work and rest schedule] Bez truda i otdykha. Moskva, "Ekonomika," 1967 11 (B-chka NOT)

MUROMSKII, IU. [On youth's work and studies] Ob uchebe molodezhi [Moskva], Profizdat, 1967 1 (B-chka profsoiuznogo aktivista. 33 (189)).

[NATIONAL ECONOMY OF THE UZBEK S. S. R. 50 YEARS. A statistical abstract] Narodnoe khoziaistvo Uzbekskoi SSR za 50 let Sbornik stat. materialov Tashkent, "Uzbekistan," 1967 240 p

[THE NEAR AND MIDDLE EAST. History. Economy. Blizhnii i Srednii Vostok Istoriia. Ekonomika (Sbornik statei). Moskva, "Nauka," 1967 266 p

ONUSHKIN, V. G. [Scientific and technological progress and modern capitalism (based on the materials of U. S. A.)] Nauchno-tekhnicheskii progress i svernyi kapitalizm (na materialakh SShA). Moskva, "Mysl'," 1967 262 p

[THE PEOPLES OF RUSSIA] Rossiiane Moskva, "Nauka," 1967 266 p

PINKHENSON, D. M. [The U. S. S. R. in the international division of labor] SSSR v mezhdunar. otdel. truda Leningrad, 1967 48 p

POPOV, N. N. [Along the path of improvement] Ajustion of the new system of planning and guidance in the foreign trade and industry of the Democratic Republic of Germany] Po puti sovershenstva i Plimenente novoi sistemy planirovaniia i rukovodstva vmeshnei torgovle i v prom-sti GDR Prichis G. Kol'mela. Moskva, "Mezhdunar. otnosheniia," 1967 208 p.

[PROBLEMS OF CREATING INDUSTRIAL COMBINES] Voprosy sozdaniia proizvodstvennykh ob'edinenii Pod red. V. M. Lagutkina Moskva, "Mysl'," 1967 246 p

[PROBLEMS OF ECONOMIC INCENTIVES FOR SCIENTIFIC AND TECHNOLOGICAL PROGRESS] Problemy ekonomicheskogo stimulirovaniia nauchno-tekhnicheskogo progressa. Moskva, "Nauka," 1967 335 p

PUZANOV, M. F. [Developing ways and methods for training of workers] Razvitiie form i metodov podgotovki rabochikh Moskva, "Vyssh. shkola," 1967 135 p.

RABINOVICH, V. V. [Operational planning in the construction industry] Operativnoe planirovanie stroitel'nogo proizvodstva Moskva, "Ekonomika," 1961 15 p.

SABIROV, K. [The Tajik socialist nation is a product of the October Revolution] Tadzhikskaiia sotsialisticheskaiia natsiia—detsliche Oktjabr. Spetsredaktsiia A. IA. Vismevskii. Dushanbe, "Irtion," 1967 228 p

SLEPCHENKO, E. V. [The thrill of creation] Patos sozdaniia. [Kishinev, "Kartia Moldoveniaske," 1967] 75 p.

SNIGIREVA, I. O., and L. S. LAVICH [The state and trade unions] Gosudarstvo i profsoiuzy. [Moskva] Profizdat, 1967 258 p.

[THE SOVIET MOTHERLAND, 1917-1967] Rodina Sovetskaiia, 1917-1967. Izd. 2-e, dop. i spr. Moskva, Politizdat, 1967 509 p.

SPIRIDONOVA, N. S. [General features of creating the material and technical foundation of communism] Zakonomernosti sozdaniia material'no-tekhnicheskoi bazy kommunizma. Moskva, "Znanie," 1967 47 p. (Novoe v zhizni, nauke, tekhnike. III Seriya. Ekonomika, 22).

[STRIDES OF THE DONETS BASIN] Postup' Donskass [Donetsk, "Donbass," 1967] 262 p.

[STRUCTURE OF THE NATIONAL ECONOMY OF THE U.S.S.R.] Struktura narodnogo khoz'istva SSSR. Pod red. A. I. Nolkina. Moskva, "Nauka," 1967. 384 p.

SUKHONOSSENKO, N. D. [Accumulation and consumption on collective farms] Nakoplenie i potroblenie v kol'khozakh. Moskva, "Ekonomika," 1967. 151 p.

[THE UKRAINIAN S.S.R. in figures] Ukrainskaya SSR v tsifrah. Kiev, 1967. 190 p.

VAGANOV, F. M. [The struggle of the CPSU for the acceleration of the building of socialism, 1927-1929] KPSS v boi 'be za uskorenie tempov sotsialisticheskogo stroitel'stva, 1927-1929 gg. Moskva, "Vyssh shkola," 1967. 114 p. (Studentu, izuchalushchemy istoriyu KPSS)

VISHNIAKOV, V. G. [Dual dependence of the administrative organs of the national economy] Dvoynoe podchinenie organov upravleniya narodnym khoz'istvom. Moskva, "Iurid. lit.," 1967. 144 p.

6. POLITICAL SCIENCE

[ALWAYS ON THE ALERT, studies on the heroes of the Soviet police and their exploits] Vsegda nacheku, ocherki o geroiakh i podvigakh sovetskoi militsii. Moskva, Politizdat, 1967. 440 p.

ANOSOV, P. A. [Notes of a Communist] Zapiski kommunisty. Moskva, Politizdat, 1967. 207 p.

DMITRIUK, A. A. [Offensive of the revolutionary forces] Revoliutsionnye sily v nastuplenii. Minsk, "Belarus," 1967. 149 p.

ELISEEV, G., A. KRUSHINSKH, and V. MULIUTENKO. [Shouting battalions. The so-called "great proletarian cultural revolution" of China is close by] Ki ichashchie batal'ony. Tak nazyvaemaya "velikaya proletarskaya kul'turnaya revoliutsiya" Kitaya vblizi. [Moskva], "Mol. gvardiya," 1967. 128 p. (Rovenski)

FRANTSEV, I. P. [International significance of the Great October Socialist Revolution] Mezhnatsionnoe znachenie Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. [Moskva, Mysl', 1967] 174 p. (50 let Oktiabria)

GALKIN, A. A. [German fascism] Germanski fashizm. Moskva, "Nauka," 1967. 399 p.

[THE GREAT OCTOBER REVOLUTION AND PROGRESSIVE AMERICA, a collection of documents and materials] Velikii Oktiabr' i progressivnaya Amerika; sbornik dokumentov i materialov. Moskva, "Mysl'," 1967. 340 p.

[HANDBOOK FOR PARTY WORKERS] Spravochnik partiinogo rabotnika. Moskva, Politizdat. Vyp. 7. 1967. 511 p.

IAVICH, I. S. [The state and socialist law and order] Gosudarstvo i sotsialisticheskii pravoporiadok. Leningrad, 1967. 39 p.

KLOCHKO, V. F. [Intraparty democracy and party discipline] Vnutripartinaya demokratiya i partinaya disiplina. Moskva, Politizdat, 1967. 50 p.

KOZHOKHIN, B. I. [Socialist democracy is the foundation of the people's democratic state] Sotsialisticheskaya demokratiya — osnova narodno-demokraticheskoi gosudarstvennosti. Leningrad, Izd. Leningr. un-ta, 1967. 86 p.

PRONIN, I. I., and M. I. STEPICHEV. [Leninist rules of party life] Leninskie normy partinoi zhizni. Moskva, Politizdat, 1967. 148 p. (Voprosy partinogo stroitel'stva).

RAZIN, V. I. [Political organization of society] Politicheskaya organizatsiya obshchestva. Moskva, Izd. Mosk. un-ta, 1967. 162 p.

[RECOMMENDED SUBJECTS FOR TESTS, ON THE HISTORY OF THE CPSU, for students of correspondence schools of higher education] Primerniya tematika kontrolykh rabot po istorii KPSS; dlia studentov-zaochnikov vysshikh uchebnykh zavedenii. Moskva, "Mysl'," 1967. 30 p.

SHLEMKEVYCH, L. P. [Abreast with workers and peasants] Razom z robotnykamy i selanamy. Kyiv, "Molod'," 1965. 86 p.

SHUMILOV, M. N. [The October Socialist Revolution and the historical destinies of farm laborers] Oktiabr'skaya sotsialisticheskaya revoliutsiya i istoricheskie sud'by batiachestva. Moskva, "Mysl'," 1967. 231 p.

SHUSTOV, K. S. [Pearl of the Antilles and the Yankees (Cuba and U.S. imperialism) 1899-1952] Zhemchuzhina Antill i tanki i imperialism SShA. 1899-1952. Alma-Ata, "Kazakhstan," 1967. 353 p.

STARUSHENKO, G. B. [The nation and state in liberated countries] Natsiya i gosudarstvo v osvobodzhennykh stranakh. Moskva, "Mezhdunar. otnosheniya," 1967. 294 p.

TATYBEKOVA, ZH. S. [Women of Soviet Kirghizistan in struggle for socialism and communism] Historical experience in the emancipation of Oriental women during the building of socialism and communism] Zhenshchiny Sovetskogo Kirgizstana v boi 'be za sotsializm i kommunizm. Istoriicheskiy opyt iaski eposhcheniya zhenshchin Vostoka v protsesse stroitel'stva sotsializma i kommunizma. Frunze, "Ilim," 1967. 256 p.

TRUSH, M. I. [V.I. Lenin's work in the field of foreign policy, daily records of 1921-1923] Vneshnepoliticheskaya delatel'nost' V. I. Lenina, 1921-1923, den' za dnem. Moskva, "Mezhdunar. otnosheniya," 1967. 400 p.

[URGENT PROBLEMS OF THE SOVIET STATE AND LAW DURING THE BUILDING OF COMMUNISM] Aktual'nye p obleny sovetskogo gosudarstva i prava v period stroitel'stva kommunizma. Leningrad, Izd. Leningr. un-ta, 1967. 519 p.

VARSLAVAN, A. [The policy of English imperialism toward bourgeois Latvia, 1920-1923] Politika angliiskogo imperiializma v otnoshenii burzhuznoi Latvii; 1920-1923. Riga, "Zvaigzne," 1966. 180 p.

VINOKUROV, I. U. N. [The Congo. A difficult path to independence] Kongo. Tрудnyi put' k nezavisimosti. Moskva, "Nauka," 1967. 108 p.

7. LAW

ALLAKHVERDOV, M. A., and G. P. SAVICHEV. [Agreements on cargo transportation] Dogovory o perevozkakh gruzov. Moskva, "Iurid. lit.," 1967. 184 p.

BELIAKOVA, A. M. [Liability for loss caused by a source of increased hazard, liability of the owners of such sources of increased hazard] Vozmeshchenie vreda, prichinennogo istochnikom povyshennoi opasnosti, otvetstvennost' vladel'tsa istochnika povyshennoi opasnosti. [Moskva] Izd. Mosk. un-ta, 1967. 55 p.

[COLLECTED LAWS OF THE TAJIK S.S.R. FOR THE LOCAL SOVIETS OF WORKERS' DEPUTIES] Sbornik zakonodatel'stva Tadjikskoi SSR dlia mestnykh Sovetov deputatov tadjikskikh. Dushanbe, "Trifon," 1966. 550 p.

[CRIMINAL LAW; special part] Ugolovnoe pravo; chast' osobennaya. Moskva, "Iurid. lit.," 1966. 558 p.

GORDIENKO, A. A. [The nature of Soviet law and its role in socialist society] Sushchnost' sovetskogo prava i ego rol' v sotsialisticheskoi obshchestvo. Tashkent, "Fan," 1967. 148 p.

KABALKIN, A. I. U. [Property rights of Soviet citizens] Pravo lichnoi sobstvennosti grazhdan. Moskva, "Znanie," 1967. 77 p. (Narodnyi universitet; Fakul'tet pravovykh znanii, 11).

KOGAN, V. M. [Logical and jurisprudential structure of Soviet criminal laws] Logiko-iuridicheskaya struktura sovetskogo ugolovnogo zakona. Alma-Ata, "Kazakhstan," 1966. 80 p.

[LAW ON THE JUDICIAL SYSTEM OF THE UZBEK SOVIET SOCIALIST REPUBLIC; with amendments and supplements as of July 1, 1967] Zakon o sudoustroistve Uzbekskoi Sovetskoi Sotsialisticheskoi Respubliki; s izmeneniyami i dopolneniyami na 1 iuliy 1967 goda. Tashkent, "Uzbekistan," 1967. 66 p.

PEROV, L. V. [The clues show. . .] Slidy vedut' . . . Kyiv, "Polityvdav Ukrainy," 1966. 62 p.

RAKHILIN, Z. M. [Law and business accounting] Pravo i khozraschet. Moskva, "Znanie," 1967. 76 p. (Narodnyi universitet; Fakul'tet pravovykh znanii, 12).

[SOVIET CRIMINAL PROCEDURE. Special part. A textbook] Sovetskii ugolovnyi protsess. Osobennaya chast' Uchebnoe posobie [Saratov] Izd. Saratovskogo un-ta, 1967. 244 p.

[THE SOVIET STATE AND INTERNATIONAL LAW] Sovetskoe gosudarstvo i mezhdunarodnoe pravo. Otvred. F. I. Kozhevnikov. Moskva, "Mezhdunar. otnosheniya," 1967. 311 p.

TRUPNIKOV, P. I. A. [Supervisory proceeding in civil cases] Nadzornoe proizvodstvo po grazhdanskim delam. Moskva, "TU. id. lit.," 1967. 144 p.

8. EDUCATION

BELOVASHINA, N. M., and others. [Nature in the aesthetic education of youth; an aide to teachers of biology and students of local history] Priroda v esteticheskoi vospitanii molodezhi, v pomoshch' uchitel'nykh biologii i kraevedam [Izdatel'stvo, Verkhne-Volzhskoe kn. izd., 1967. 161 p.

[THE CULTURAL REVOLUTION IN THE URAL MOUNTAIN REGION] Kul'turnaya revoliutsiya na Urale. Sverdlovsk, Sredne-Uralskoe kn. izd., 1966. 308 p.

KORSHAK, I. U. F. [Smiles of the "Golden goddess"] Ulybki "Zolotoi bogini." [Leningrad] Leningrad, 1967. 165 p.

KUZNETSOV, I. F. [A citizen is growing up] Rastet grazhdanin. . . Moskva, "Znanie," 1967. 47 p. (Narodnyi universitet; Pedagogicheskii fakul'tet, 12).

[LENINGRAD STATE UNIVERSITY NAMED AFTER A. A. ZHDANOV DURING THE SOVIET REGIME; a short bibliographical index] Leningradskii ordena Lenina gosudarstvennyi universitet imeni A. A. Zhdanova za gody Sovetskoi vlasti, kratkii bibliograficheski ukazatel' [Leningrad] Izd. Leningr. un-ta, 1967. 61 p.

MALIEV, I. U. N. [Machines are checking the knowledge] Mashiny kontroliat znania [Kulbyshchev] Kulbyshchevskoe kn. izd., 1967. 123 p.

MIRONOVA, Z. S. [What kind of sports should I practice?] Kakimi vidami sporta nuzhno zanimatsya? Moskva, "Znanie," 1967. 31 p. (Narodnyi universitet; Fakul'tet zdorov'ia, 21).

[RELATIONSHIPS BETWEEN INSTRUCTION, EDUCATION AND DEVELOPMENT IN ADOLESCENCE] Vztimostvaz' obucheniya, vospitaniya i razvitiya v luno-shesnoi vozrastu [Leningrad] Izd. Leningr. un-ta, 1967. 102 p.

SISINOVA, I. V. [Developing habits of independence in pre-school children] Vospitanie navykov samostoiatel'nosti u doshkol'nikov. Minsk, "Narodnaya asveta," 1967. 58 p.

TULIANU, V. L. [A dream of happiness] Doina schast'ia. [Kishinev, "Karta Moldoveniaske," 1967] 110 p.

9. MUSIC, THEATER & MOTION PICTURES

IRD, KAAREL. [The Tartu Workers' T 1939] Tartu Toolsteater, 1937-1939. NSV'entrühing, 1966. 71 p. (Eesti kuld).

KARP, P. [Ballet] O baleto. Moskva, 1967. 227 p.

KULESHOVA, G. G. [The Soviet White R. Belorusskaya sovetskaya opera. Minsk tekhnika," 1967. 147 p.

MANEVICH, I. M. [The role of words in O roli slova v kinoobraznosti. Mosk

[MOTION PICTURES AND THE AUDIENCE] Sbornik statoi. Moskva, 1967.

[S. I. TANEEV; from his scholarly and unpublished materials, reminiscence S. I. Taneev; iz nauchno-pedagogicheskikh Neopublikovannye materialy, vospom Moskva, "Muzyka," 1967. 163 p.

TADE, E. S. [Nadezhda Rumiantseva. stvo," 1967] 91 p., illus. (Mastora s

TALANOV, A. V. [A great life] Bol'shaia sud'ba Moskva, Politizdat, 1967 208 p

[THEATRICAL CALENDAR FOR 1968] Teatral'nyi kalendar; 1968. [Leningrad, "Iskusstvo," 1967]. [155] p

[TO YOU I SING, RUSSIA] Tebe polu, Rossiia Moskva, "Sov Rossiia," 1967 88 p (Biblioteka "V pismoshech" Khudozhestvennoi samodeit'nosti," no 22)

ZHDAN, V. N. [Conventional nature of cinema art] Ob uslovnosti v kinoisustve Moskva, 1967 53 p

10. FINE ARTS

ADAMIAN, A. [Articles on aesthetics] Stat'i po estestike Erevan, "Astan," 1967 453 p

[CULTURE OF ANCIENT RUS'] Kul'tura drevnei Rusi Pod red. D. S. Lukhacheva Leningrad, "Pisvestshenie," 1967 301 p

DIAKONITSYN, L. F. [Ideological contradictions in the aesthetics of Russian painting in the late 19th and early 20th century] Ideinye protivopostoi v estetike russkoi zhivopisi kontsa 19-nachala 20 vv. [Perm'] Permskoe kn. izd., 1966 257 p.

DOROSH, EFIM [The immortal tree of art] Zhivoe deievo iskusstva. Moskva, "Iskusstvo," 1967 267 p

[ECSTASY OF THE BATTLE Sketches] Upoenie bitvoi Ocherki Moskva, gar. "Krasnaya zvezda," 1967 32 p (B-chka "Krasnaya zvezda," No 22(226)).

KONSAP, VALLI [Tallinn weather vanes] Tallinna tuulelipud Tallinn, "Eesti Raamat," 1966. 81 p. illus. [In Estonian]

POSPELOV, G. G. [Russian portrait painting of the beginning of the 19th century] Russkii portretnyi iskusnok nachala XIX veka Moskva, "Iskusstvo," 1967 214 p. illus.

[URBAN CONSTRUCTION; city and the suburban area] Gidrostroitel'stvo; gorod i priгородnaya zona. Kiev, "Budiv'nyk," 1967 86 p (Mezhvedomstvennyi respublikanski naučno-tehnicheski sborniki).

11. LANGUAGE, LITERATURE & FOLKLORE

[ANCIENT EPISTOLOGRAPHY. Essays] Antichnaya epistolografiia. Ocherki Moskva, "Nauka," 1967. 285 p.

ANTIPOVSKII, A. A. [Early work of Lao Shé. Themes, heroes, images] Rannee tvorchestvo Lao She. Temy, geroi, obrazy Moskva, "Nauka," 1967 187 p.

AZAROV, V. B. [Verse. Stikhi Leningrad] Lenizdat, 1967 37 p (Stikhi o Leningrade)

BAKBERGENOV, SAURDEK [Blood on the snow, a novel] Qizilga tanghan qan. Roman-novella. Alma-Ata, "Zhazushy," 1967. 169 p [In Kazakh]

BASS, I. I. [The artistic prove of Ivan Franko] Khudozhestvennaya prova Ivana Franko Moskva, "Sov. pisatel'," 1967. 333 p

BELIAUSKAS, ALFONSAS [A Kaunas novel. Translated from the Lithuanian] Kaunaskii roman Moskva, "Sov. pisatel'," 1967. 323 p.

BORISOV, V. M. [Russian-Arabic dictionary. 42,000 words] Russko-arabskii slovar'. 42 000 slov Pod red. V. M. Belkina. Moskva, "Sov. ensiklopediia," 1967. 1120 p.

BORISOVA, M. I. [Verse. Stikhi Leningrad] Lenizdat, 1967. 26 p. (Stikhi o Leningrade).

BOZHATKIN, M. I. [The "Crab" goes out to sea; a historical novel] "Krab" ukhodit v more; istoricheski roman. Odessa, "Mafak," 1967 443 p.

BRAUN, N. L. [Verse Stikhi Leningrad] Lenizdat, 1967. 38 p (Stikhi o Leningrade).

BURSOV, B. I. [Realism always and today] Realizm vsegda i segodnia Leningrad, Lenizdat, 1967. 312 p

CHEPUROV, A. N. [Verse Stikhi Leningrad] Lenizdat, 1967 37 p (Stikhi o Leningrade).

CHURKIN, A. D. [Verse Stikhi Leningrad] Lenizdat, 1967 33 p (Stikhi o Leningrade)

DANGULOV, S. A. [The diplomats, a novel] Diplomaty. roman [Moskva] "Molodala gvardiia," 1967 494 p

DEM'IANOV, I. I. [Kind and evil hands] Ruki dobroye i zlye Leningrad, "Detskaya lit.," 1967 90 p

ESENBERLIN, I. [A dangerous river crossing; a novel] Qatari otkel Roman. Alma-Ata, "Zhazushy," 1967 248 p. [In Kazakh]

GASANOV, K. M. ["Dekhnane" syntax] "Dahnama" nin sintaksisi, ta'lini soz birlashmalari Bak, Azarbaijan SSR Elmi Akademiiasy nashitlari, 1967 115 p [In Azerbaijani]

GOLOSOV, A. V., I. I. GORODKOVA, and I. I. SOKOLOV [The Latin language] Latinskii iazyk Pod obshchei red. M. I. A. Sumarokovoi Izd. 3-e, dop Moskva, "Meditsina," 1967 217 p

GRUDTSOVA, O. M. [Aleksandr Bek, a critical and biographical essay] Aleksandr Bek, kritiko-biograficheski ocherk. Moskva, "Sov. pisatel'," 1967 124 p.

HINT, AADU [Windy beach] Tuuline rand, Tallinn, Eesti Raamat [In Estonian] Vol. 3. 1965. 282 p

IAKUBENKO, A. V. [The enchanted feathers of Aiaia-khis] Volshobnye per'ia Aiaiakhis Leningrad, "Detskaya lit.," 1967 222 p

LAMPOL'SKII, BORIS [The magic lantern. A tale. Stories. Miniatures] Volshobnyi fonar'. Povest'. Rasskazy. Miniatury Moskva, "Sov. pisatel'," 1967 275 p.

IL'ENKOV, V. P. [The sacred war, stories] Sviashchennaya voina; rasskazy [Moskva, Voenizdat, 1967] 139 p

KALINA, VELTA. [Signature, poetry] Paraksts, dzēja Riga, "Liesma," 1967. 60 p. [In Latvian]

KAUGVER, RAIMOND. [40 candles, a novel] Nelikummend kumalt; romaan Tallinn, Eesti Raamat, 1966 248 p. [In Estonian]

KEZHUN, E. A. [Verse. Stikhi. Leningrad] Lenizdat, 1967 34 p. (Stikhi o Leningrade).

KHAUSTOV, L. I. [Verse Stikhi. Leningrad] Lenizdat, 1967 36 p. (Stikhi o Leningrade).

KOBYLETS'KYI, I. S. [The playwright and the times, creative works of Oleksandr Kornilichuk] Dramaturh i chas, tvorchisi! Oleksandra Kornilichuka Vyd. druho, dopov i pererobi. Kyiv, "Dnipro," 1967 252 p

KOMISSAROVA, M. I. [Verse. Stikhi. Leningrad] Lenizdat, 1967 34 p (Stikhi o Leningrade).

KORSUN'SKA, B. L. [Poetry of the new world, ideas in and samples of Soviet Ukrainian lyrics from 1920-1930] Poozila novoho svitu, idei ta obrazy ukrains'koi radians'koi liriki 20-30 rokiv. Kyiv, "Naukova dumka," 1967 330 p.

KUROCHIKIN, V. A. [Short childhood, a tale] Korotkoe detstvo; povest' Leningrad, "Detskaya lit.," 1967. 173 p.

KUUSBERG, PAUL [The case of Andres Lapetous; a novel] Andres Lapetouse juhtum. romaan. Tallinn, Eesti Raamat, 1966 318 p. (Noukoguude Eesti preemia laureaat, 1965) [In Estonian]

KUZNETSOV, ANATOLI [Baby Yar. A documentary novel] Babii Yar. Roman-dokument. [Moskva], "Mol. gvardiia," 1967. 288 p.

["THE LAY OF THE HOST OF IGOR" AND ITS POETRY AND FREE TRANSLATIONS] Slovo o pl'ku igore, ta ioho poetychni pereklady i perspeivy [Kyiv, kova dumka," 1967] 519 p

LIBEDINSKII, I. U. N. [The week The commissars, tales] Nedelia Komissari, povesti Moskva, V. izdat, 1968 250 p

LIV, JUHAN [The screen, a story from the Immortal past] Vari, lugu lahemast minevikust Tallinn, Eesti Raamat, 1966 78 p (Kooli kirjavaral [In Estonian])

[LITTLE JOHNNY, GREAT IN MIND, Russian fairy tale. Ivan Men'shoi - razumom bol'shoi, russkie skazki Moskva, "Detskaya lit.," 1967 284 p

[LYDIA KOIDULA MEMORIAL MUSEUM] Lydia Koidula Memorialmuuseum, Parnu, 1966 30 p (chadiv illus.) [In Estonian]

MANSVETASHVILI, I. A. A. [Memoirs Translated from the Georgian] Vospominania. Tbilisi, "Literatura da khelovneba," 1967 113 p

MARCINKEVICIUS, JUSTINAS [Wooden bridges, poems] Mediniai tiltai, eiles Vilnius, "Vaga," 1967 138 p [In Lithuanian]

MARSHAK, S. I. A. [The miller, the boy and the duck, a folk tale] Mel'nik, mal'chik i osel, narodnaya skazka Leningrad, Khudozhnik RSFSR, 1967 1 v.

MARSHAK, S. I. A. [Twelve months, a dramatic tale] Dvenadtsat' mesiatsev, dramatischeskaya skazka Moskva, "Detskaya lit.," 1967 126 p.

MULLER, HELGI. [Songs on wheels; verse, 1962-1965] Laulud ratastel; luuletusi (1962-1965) Tallinn, Eesti Raamat, 1966. 118 p [In Estonian]

NEKRASOV, N. A. [Selected poems for children] Izbranye stikhotvoreniia dlia detei Moskva, "Detskaya lit.," 1967 122 p

ORMANOV, GALI [Selected works] Tangdaniy o'zbeki Alma-Ata, "Zhazushy," 1967. 662 p. [In Kazakh]

OTKUPSHCHIKOV, I. U. V. [Carian inscriptions of Africa, preliminary results of decipherment] Kariiskie nadpisi Afriki, predvritel'nye rezul'taty dechifrovani [Leningrad] Izd. Leningr un-ta, 1966 33 p

OZOLS, ARTURS [Articles on linguistics] Raksti valodnieciba Riga, "Zinatne," 1967. 630 p [In Latvian]

PAGIREV, G. V. [Verse Stikhi. Leningrad] Lenizdat, 1967. 41 p. (Stikhi o Leningrade).

PARVE, RALF. [Verse for children] Lastovarsse, valnik Tallinn, Eesti Raamat, 1966. 209 p [In Estonian]

PERMIK, E. A. [In all colors of the rainbow, tales and stories] Na vse tsvetava radugi, rasskazy i skazki Moskva, "Detskaya lit.," 1967. 270 p (Shkol'naya biblioteka).

POPOVA, L. M. [Verse. Stikhi. Leningrad] Lenizdat, 1967. 32 p (Stikhi o Leningrade).

POPOVSKII, A. D. [Tale of a crime which was not committed. Tale about life and death. Professor Shudastsov] Povest' o nesostoiannoi prestuplenii Povest' o zhizni i smerti. Professor Shudastsov. Moskva, "Sov. pisatel'," 1967. 666 p.

PRINDEL, ENDEL [Literary Mulgimaa; a guide] Kirjanduslik Mulgimaa, teekjuh. Tallinn, "Eesti Raamat," 1966. 127 p. [In Estonian]

PRIVSHIN, A. S. [Youth does not die, a novel. Mistress of a taiga river, a tale] Iunost' ne umiraet; roman. Khozaika taizhnoi rechki; povest' Moskva, "Sov. pisatel'," 1967. 478 p

PROKOF'EV, A. A. [Verse. Stikhi Leningrad] Lenizdat, 1967. 47 p. (Stikhi o Leningrade).

- PROKSHIN, V. G. [The people and its heroes as represented by Russian democrats in the 1860's] Narod i ego geroi v izobrazhenii russkikh demokratov 60-kh godov XIX v. Moskva, "Vyssh shkola," 1967 277 p
- PROSKURIN, P. L. [The outcome, a novel] Iskhod; roman Moskva, "Sov pisatel'," 1967 477 p
- RAIMKULOV, R. [Turns, tales and stories] Buiylstar Almaty, "Zhazushy," 1967 246 p [In Kazakh]
- REIFMAN, P. [M. E. Saltykov-Shchedrin, January 15, 1826-April 28, 1889, his creative path] M. E. Saltykov-Shchedrin, 15 I 1826-28 IV. 1889, tvoycheskii put' Tartu, 1967 140 p
- ROITENBERG, F. E., M. L. EISELSON, and M. P. LOSEVA [Textbook of the French language, for higher military schools for officers] Uchebnik francuzskogo yazyka, dlia vysshikh komandnykh voenno-uchebnykh zavedenii Izd. 2-e. Moskva, Voenizdat, 1968, 471 p
- ROZHDESTVENSKI, V. A. [Verse Stikhi Leningrad] Leningrad, 1967 38 p (Stikhi o Leningrade)
- RUNNEL, HANNO [Songs with a guitar] Laulud tuchukuga Tallinn "Eesti Raamat," 1965 95 p [In Estonian]
- RYVINA, E. I. [Verse Stikhi, Leningrad] Leningrad, 1967 42 p (Stikhi o Leningrade)
- SICHELOKOV, A. A. [A second start, stories] Vtoroi start, rasskazy [Moskva, Voenizdat, 1967] 157 p
- SICHIPACHEV, S. P. [Red leaves New poems] Krasnye list'ia Nove stikhi [Moskva, "Sov pisatel'," 1967] 110 p
- SHEFNER, V. S. [Verse Stikhi Leningrad] Leningrad, 1967 45 p (Stikhi o Leningrade)
- SHESTINSKI, O. N. [Verse Stikhi Leningrad] Leningrad, 1967 41 p (Stikhi o Leningrade)
- SMIRNOVA, V. V. [About children and for children] O detyakh i dlia detei Moskva, "Detskaya lit.," 1967, 454 p (Dom detskoi knigi)
- SMIRNOVA, Z. V., and N. N. FEOKISTOVA [Collection of exercises on verb aspects (formation)] Sbornik uprazhnenii po vidam glagola (obrazovanie). Moskva, 1966 73 p
- [SOVIET LITERATURE AND THE NEW MAN] Sovetskaya literatura i novyi chelovek. Sbornik statii Pod red. V. A. Kuvaleva i V. V. Timofeevoi Leningrad, "Nauka," 1967, 374 p.
- [STATISTICAL PARAMETERS OF STYLE] Statisticheskie parametry stilyv Kyiv, "Naukova dumka," 1967, 259 p
- SUISLEPP, HARALD [The cuckoo of the clock] Kelikõgu. Tallinn, "Eesti Raamat," 1966, 207 p [In Estonian]
- TIKHONOV, N. S. [Verse, Stikhi, Leningrad] Leningrad, 1967 40 p (Stikhi o Leningrade)
- TILAVOV, BOZOR [Poetics of Tajik proverbs and folk sayings] Poetika tadzhikskikh narodnykh poslovits i pogovorek. Pod red. L. N. Denidchik Dushanbe, "Donish," 1967 121 p.
- [TO JOKE EVERYWHERE] Shuti! vozdo; sbornik Moskva, "Iskusstvo," 1968 95 p (Reportuar khudozhestvennoi samodelatel'nosti, 2).
- TVARDOVSKI, A. T. [A book of lyrics] Kniga liriki Moskva, "Sov. pisatel'," 1967, 413 p.
- UL'IANOVA, I. V. [My city, poems] Moi gorod; stikhi Kishinev, "Karta Moldoveniaske," 1967, 116 p.
- ZAKHAROV, V. K. [A Russian street; verse] Ulitsa Russkaya; stikhi [Rostov, Rostovskoe kn. izd., 1966] 43 p.
- ZAKHODER, D. V. Rusachok [Moskva] "Malysch," 1967 1 v. (chiefly illus.)
- ZARUDNYI, MIKOLA [In the wide world. A novel] Na belom svede Roman [Moskva, "Mol gvardia," 1967] 382 p
- ## 12. GEOGRAPHY & GEOLOGY
- ARKHIPETS, E. A. [The Ukraine, a land of tourism Tourist routes and hostels] Ukraina - kraj turizma Turistskie marshruty i bazy [Kiev, "Zdorov'ia," 1967] 279 p.
- [ATLAS OF LENINGRAD PROVINCE] Atlas Leningradskoi oblasti Moskva, GUGK, 1967 82 p
- BRED, A. A., and K. I. SHNITKO [Geography of the Latvian S.S.R., a textbook for the 9th grade of secondary schools] Geografija Latviskoi SSR, uchebnik dlia IX klassa Srednei shkoly Riga, Latvisskoe gos. izd. 1958 93 p.
- BULAKH, A. G. [Handbook and tables for the calculation of mineral formulas] Rukovodstvo i tablitsy dlia rascheta formul mineralov Izd. 2-o, ispr. i dop. Moskva, "Nedra," 1967, 143 p
- FILIPPOV, B. V. [Types of natural oil and gas reservoirs] Tipy prirodnnykh i rezervuarov nefli i gaza Leningrad, "Nedra," 1967 121 p
- DUBATOLOVA, JU. A., R. S. ELTYSHEVA, and E. A. MODZALEVSKAYA [Devonian and Lower Carboniferous crinoids of the Far East] Moiskie lilii devona i nizhnego karbuna Dal'nogo Vostoka. Moskva, "Nauka," 1967, 71 p illus.
- GADZHI-ZADE, A. [The Azerbaijan S.S.R.] Azerbaidzhanskaya SSR. [Baku] Azerbaidzhanskoe gos. izd. 1967 98 p
- GORLOV, N. V. [Structure of moonstones (northwestern part of the White Sea region)] Struktura belomorid (Sev.-Zap. Belomor'e). Leningrad, "Nauka," 1967 111 p
- GRAIZER, M. I. [Lower Carboniferous sediments of the Sayan-Altai fold area] Nizhnekamennougol'nye otlozheniia Saitano-Altalskoi skladchatoi oblasti Moskva, "Nauka," 1967 147 p
- [HYDROPHYSICAL AND HYDROCHEMICAL STUDIES IN THE BLACK SEA] Gidrofizicheskie i gidrokhimicheskie issledovaniia v Chernom more Moskva, "Nauka," 1967 72 p
- KALASHNIKOV, N. V. [Ecology of the fauna and biocenotic regionalization of the Carboniferous sea of the Northern Urals] Ekologiya fauny i biotsenoticheskoe regionalizatsionnoe kamennougol'nogo mornia Severnogo Urala Leningrad, "Nauka," 1967 55 p illus.
- KHIMELEVSKOI, V. K. [Brief course in exploration geophysics] Kratki kurs razvedochnoi geofiziki Moskva, Izd. Mosk. un-ta, 1967 223 p
- KHODZHIBAEV, N. N., and D. U. MIRALIEV. [Underground waters of the Kyzyl Kum] Podzemnye vody Kyzyl-Kumov. Tashkent, "Uzbekistan," 1967, 31 p.
- KORENEVSKI, M. S. [The course is North, we are under the ice, notes of a military reporter who participated in an Arctic voyage aboard a submarine to the North Pole] Kurs - nord, idem podo l'dami; zapiski voennogo korrespondenta, uchastnika arkticheskogo plavaniia na podvodnoi lodke k Severnomu polusu. [Moskva, "Sov. Rossiia," 1967] 158 p.
- KVEZERELI-KOPADZE, N. I. [Georgian Military Road] Voennno-Gruzinskaya doroga Tbilisi, "Sabchota Sakartvelo," 1967 145 p
- [LENINGRAD MELODIES] Leningradskie melodi. [Leningrad, "Sov. khudozhnik," 1967] 1 v. (chiefly illus.)
- LEONOVA, L. A., and L. D. TISHCHENKO. [Tourism is the best rest] Turizm - luchshii otdykh. Moskva, "Meditsina," 1967 60 p.
- MARKIIININ, E. K. [Role of volcanism in the formation of the earth's crust; as revealed by a study made in the chain of the Kurile Islands] Rol' vulkanizma v formirovani zemnoi kory, na primere Kuril'skoi ostrovoi dugi Moskva, "Nauka," 1967 253 p.
- [METHODOLOGICAL INSTRUCTIONS ON MAP DISTRIBUTION OF THERMAL WATERS ON 1:500,000 AND 1:200,000] Metodicheskie ukasovleniia kartirovaniia termal'nykh masshtabakh 1:500 000 i 1:200 000 Moskva, 38 p
- MORKOVKINA, V. F. [Gabbro-peridotite from the Arctic Urals] Gabbro-peridotitya for Polarnogo Urala Moskva, "Nauka," 1967
- NEVESSKI, E. N. [Processes of sedimentation littoral zone of the sea] Protsessy osadkoobrazovaniia v pribeznoi zone moria Moskva, "Nauka," 255 p
- NITSENKO, A. A. [Course course in the study swamps] Kratki kurs bolotovedeniia Mysl' "Vyssh shkola," 1967 147 p
- ÖUNAPUU, KARL [Tourist routes in Estonia] Eesti Tallinn, "Eesti Raamat," 1966 286 Estonian]
- [PALEOZOIC STRATIGRAPHY OF CENTRAL Sibiria] Stratigrafiia paleozoi Srednei Sibiri Novo "Nauka," 1967 253 p
- PECHATIN, A. A., V. D. SUROVIKIN, and V. G. [Man under water] Chelovek pod vodoi. Moskva, "Nauka," 1967 336 p.
- [PLACE AND SIGNIFICANCE OF FOSSIL MAMMALS IN THE CENOZOIC OF THE USSR] Molodavii v Kainozo SSSR Kishinev, 1967
- POPOV, E. I. [Determining the force of gravity mobile base using highly damped gravimeter] Opredelenie sily tiiazhesti na podvizhnom ostanovke s pomoshch'iu sil'no dempfirovannykh gravimetrov Moskva, "Nauka," 1967, 218 p
- [PROBLEMS OF GEOGRAPHY AND BIOLOGY, the Departments of the Faculty of Natural History Geography] Voprosy geografii i biologii, uchastniki kafedri Estestvenno-geograficheskogo fakulteta Chita, 1966 209 p.
- [PROBLEMS OF OIL AND GAS OCCURRENCES SOVIET FAR EAST, transactions of a session Earth Sciences Department and the Siberian Academy of Sciences of the U.S.S.R. in East] Problemy neftegazonosnosti Vostochnoi Sibiri Otdeleniia nauk o Zemle i Sibiri AN SSSR na Dal'nem Vostoke Moskva, 1967, 68 p.
- [PROBLEMS OF THE METALLOGENY OF THE FAR EAST, transactions of the out-of-town of the Department of the Earth Sciences of the Academy of Sciences of the U.S.S.R. in the East] Problemy metallogeni Sovetskogo Dal'nego Vostoka, trudy vyezdnoi sessii Otdeleniia na Zemle AN SSSR na Dal'nem Vostoke Moskva, "Nauka," 1967, 145 p.
- [PROGRESS IN THE STUDY OF PRINCIPAL SEMINARY MINERALS IN THE U.S.S.R.] I v izuchenii glavnykh osadochnykh poleznykh iskopaemykh v SSSR, Moskva, "Nauka," 1967
- RADINOVICH, V. I. [To New York and Havana Spanish. (Life and travels of F. V. Karzha gishpantami v Novyi York i Gavanu (Zhizn' shestviti F. V. Karzhavina). Moskva, "Mysl' 87 p. (Zamechatel'nye geografi i puteshcheskiye puti)]
- RADCHENKO, M. I. [Carboniferous flora of the Kazakhstan] Kamennougol'naya flora Ugo-Vostochnoi Kazakhstana Alma-Ata, "Nauka," 1967, 25 illus.
- SABUROVA, L. M. [Culture and way of life of the population in the Angara Valley. The last and the 20th centuries] Kul'tura i byt russkoi Priangarskoi. Konets XIX-XX v. Leningrad, "Nauka," 1967, 280 p.
- SERGEEV, A. S. [Fenites of the ultrabasic and rock complex] Fenitny kompleks ultrabazicheskogo kompleksa. [Leningrad] Izd. Leningrad. un-ta, 1967, 162 p
- SMIRNOV, A. D., and others. [Riphean structure southern part of Siberia and the structural part of their pegmatites] Rifeidskiy iug Sibiri i struktural'naya chast ikh pegmatitov. Moskva, "Nauka," 1968 p.

- SOCHEVKO, G. G. [Modern Cambodia. (1941-1965)] Sovremennaya Kambodzha (1941-1965) Moskva, "Nauka," 1967. 123 p.
- SUZUMOV, E. M. [Conqueror of untroubled lands] Pokoritel' nekhozhenykh zemel' Moskva, "Mysl'," 1967. 87 p. (Zamechatel'nyye geografi i puteshestvenniki)
- [THE 300th ANNIVERSARY OF THE CITY OF ULAN-ULDE, a brief index of recommended literature] 300 let g Ulan-Ude, kratkiy rekomendatsionnyy ukazatel' literatury Ulan-Ude, 1966. 27 p.
- TOKHITUEV, G. V. [Structures of boundinages and their role in the localization of mineralization; as revealed by a study made in the Ukrainian Shield and some other regions] Struktury budinazh i ikh rol' v lokalizatsii orudeneniya, na primere Ukrainskogo shchita i nekotorykh drugikh regionov Kiev, "Naukova dumka," 1967. 214 p.
- [TOPOGRAPHY OF THE EARTH AND MATHEMATICS] Relief Zemli i matematika Sbornik statei Moskva, "Mysl'," 1967. 116 p.
- VDovykin, G. P. [Carbonaceous substance of meteorites. (Organic compounds, diamonds, graphite)] Uglerodistoe veshchestvo meteoritov (Organic compounds, diamonds, graphite) Moskva, "Nauka," 1967. 271 p.
- VEKLICH, M. F., and others [Key geological sections of the Quaternary of the Ukraine] Osnovnyye geologicheskiye razrezy kvartara Ukrainy. Kiev, "Naukova dumka," Ch. 1. 1967. 106 p.
- VINOGRADOV, A. P. [Introduction to the geochemistry of the ocean] Vvedenie v geokhimiyu okeana Moskva, "Nauka," 1967. 215 p.
- ZHAROV, V. [The land of pearls] Kniha zemel'nykh Moskva, "Mosk. rabochiy," 1967. 11 p.
- ### 13. SCIENCE
- [ACHIEVEMENTS OF SCIENCE: Hydromechanics] Istoricheskiye dostizheniya v gidromekhanike Moskva, 1966. 66 p. (Seriya Mekhanika)
- AKHREM, A. A., and I. A. TITOV [Total synthesis of steroids] Polnyy sintez steroidov Moskva, "Nauka," 1967. 321 p.
- ALEKSUNAS, MARJONAS, and others [Mathematics, a handbook for special high schools] Matematika, vadovelis specialiosioms viduolims mokykloms. Vilnius, Mintis, 1966. 522 p. [In Lithuanian]
- ALIKHANIAN, S. I. [Modern genetics] Sovremennaya genetika. Moskva, "Nauka," 1967. 195 p.
- [ANALYSIS OF TENDENCIES AND THE PROGNOSTICATION OF SCIENTIFIC AND TECHNOLOGICAL PROGRESS. Use of mathematical methods and electronic computers in studies on the history of science and technology] Analiz tendentsiy i prognozi ovyano nauchno-tekhnicheskogo progressa. Primeneniye matematicheskikh metodov i EVM v issledovaniyakh po istorii nauki i tekhniki Kiev, "Naukova dumka," 1967. 344 p.
- ANTONOV, N. P., and others [Collection of problems in elementary mathematics, textbook for self-instruction] Sbornik zadach po elementarnoy matematike, posobie dlya samooobucheniya. Izd. 12. stereotipnoe Moskva, "Nauka," 1966. 528 p.
- [APPLIED ELECTROCHEMISTRY] Prikladnaya elektrokhiimiya Pod red. N. P. Fedot'eva. Izd. 2-e, ispr. 1 dop. Leningrad, "Khimiya," 1967. 600 p.
- BAT', M. I., G. I. DZHANELDZE, and A. S. KEL'ZON. [Theoretical mechanics in examples and problems] Teoreticheskaya mekhanika v primeryakh i zadachakh Pod red. G. I. Dzhanelidze i D. E. Merkina. Izd. 5-e, pererabot. Moskva, "Nauka," T. 1. [Statics and kinematics] Statika i kinematika 1967. 512 p.
- BEREZIN, S. I. [Elementary computation technique; concise practical manual for self-instruction] Tekhnika elementarnykh vychisleniy; kratkoye prakticheskoye posobie dlya samooobucheniya. Leningrad, "Mashinostroeniye," 1967. 107 p.
- BEREZKIN, E. N. [Lectures on theoretical mechanics] Lektsii po teoreticheskoy mekhanike Moskva, Izd. Mosk. un-ta. Ch. 1. [Kinematics, statics, point dynamics] Kinematika, statika, dinamika tochki 1967. 314 p.
- BESKIN, N. M. [Problems and exercises in trigonometry, textbook for teachers] Zadachnik-prikladnik po trigonometrii, posobie dlya uchiteley Izd. 3-e, pererabot. Moskva, "Prosveshcheniye," 1966. 172 p.
- [BIOLOGICAL ACTION OF HIGH ENERGY PROTONS (Evaluation of hazards of space flights)] Biologicheskoye deystvie protonov vysokikh energii (K otsenke radiatsionnoy opasnosti kosmicheskikh poletov) Pod red. I. G. Grigor'eva Moskva, Atomizdat, 1967. 508 p.
- BORISOV, A. A. [Climate of the U.S.S.R.] Klimaty SSSR Izd. 3-e, dop. i pererabot. Moskva, "Prosveshcheniye," 1967. 294 p.
- BRENNEISEN, G. E., and N. I. SCHERBAKOV [Park of the "Uzhnye kul'tury" State Farm, a short guide-book] Park sovkhosa "Uzhnye kul'tury", kratkoye putevoditel'. [Krasnodar] Krasnodarskoye kn. izd., 1963. 77 p.
- [CARRIERS OF HUMAN AND ANIMAL DISEASE AGENTS IN SOUTHERN UZBEKISTAN] Perenoschikiy vozбудitel' boleznei cheloveka i zhivotnykh v usloviyakh juga Uzbekistana Tashkent, "Fan," 1967. 197 p.
- [CHEMISTRY AND TECHNOLOGY OF RARE AND TRACE ELEMENTS IN TWO VOLUMES] Khimiya i tekhnologiya redkikh i rasselennykh elementov v dvukh tomax Pod red. K. A. Bol'shakova [Moskva, "Vyssh. shkola"] T. 1. [Chemistry of rare and trace elements] Khimiya redkikh i rasselennykh elementov 1967. 348 p.
- CHERKASOVA, M. P. [Collection of problems involving numerical problems; Sbornik zadach po chislennym metodam. Minsk, "Vyssh. shkola," 1967. 296 p.
- DANKO, P. E., and A. G. POPOV [Exercises and problems in higher mathematics] Vysshaya matematika v uprazhneniyakh i zadachakh Moskva, "Vyssh. shkola," Ch. 1. 1967. 298 p.
- [DISLOCATIONS IN SOLIDS AND FLUIDS DUE TO RADIATION] Radiatsionnyye narusheniya v tverdykh telakh i zhidkostyakh Tashkent, "Fan," 1967. 154 p.
- DOBRYNINA, V. I., and E. A. SVESHNIKOVA. [Manual of practical work in biological chemistry. Compiled with the use of semimicroanalysis] Rukovodstvo k prakticheskim zaniatiyam po biologicheskoy khimii Sost. s primeneniem metodov polumikroanaliza Izd. 2-e, ispr. i dop. Moskva, "Meditsina," 1967. 343 p.
- EFIMOV, N. V. [Quadratic forms and matrices] Kvadratische formy i matritsy. Izd. 4-e. Moskva, "Nauka," 1967. 158 p. (Labornyye glavy vysshey matematiki dlya inzhenerov i studentov vuzov).
- [ELEMENTARY PARTICLES AND COSMIC RAYS] Elementarnyye chastitsy i kosmicheskiye luchy Sbornik statei. Pod red. V. A. Bezusa i I. L. Rozenfalda Moskva, Atomizdat, 1967. 157 p.
- FAVORSKII, O. N., and I. A. S. KADANER [Problems bearing on heat transfer in outer space] Voprosy teploobmena v kosmose. Moskva, "Vyssh. shkola," 1967. 240 p.
- [50 YEARS OF SOVIET GEODESY AND CARTOGRAPHY] 50 let sovetskoy geodezii i kartografii. Moskva, "Nedra," 1967. 446 p.
- GLIKINA, F. B., and N. G. KLUCHNIKOV. [Chemistry of complex compounds] Khimiya kompleksnykh soedineniy. Moskva, "Prosveshcheniye," 1967. 165 p.
- GLUSHKOVA, V. B. [Polymorphism of rare earth oxides] Polimorfizm oksidov redkozemel'nykh elementov. Leningrad, "Nauka," 1967. 133 p.
- GORDON, V. O., I. B. IVANOV, and T. E. SOLNTESEVA. [Collection of problems for a course in descriptive geometry] Sbornik zadach po kursu nachertatel'noy geometrii Moskva, "Nauka," 1967. 351 p.
- GORSHKOVA, S. M., and I. T. KURTSIN. [Mechanics of bile secretion] Mekhanizmy zhelcheydeleniya Leningrad, "Nauka," 1967. 287 p.
- GUR'EV, L. G., and others [Collection of problems in a general physics course] Sbornik zadach po obshchemu kursu fiziki Pod red. A. N. Kutserova i V. V. Rubleva Moskva, "Vyssh. shkola," T. 1. 407 p.
- GUSEV, N. A. [Physiology of water metabolism in plants] Fiziologiya vodoobmena rasteniy Moskva, Izd. Mosk. un-ta, 1966. 134 p.
- [INTEGRATION MECHANISMS OF CELLULAR METABOLISM] Mekhanizmy integratsii kletchnogo metabolizma Pod red. S. A. Nefakhina. Leningrad, "Nauka," T. 1. 315 p.
- IVANOV, K. A. [Reading weather forecasts in English] Chteniye prognozov pogody na angliiskom yazyke Moskva, "Transport," 1967. 54 p.
- JUSSI, FRED. [Seagulls are calling] Kakajad kvi. Tallinn, "Eesti Raamat," 1966. 1 v. (chiefly ill.) [In Estonian]
- KOLCHINSKII, I. G. [Refraction of light in the earth's atmosphere. Review] Refraktsiya sveta v zemnoy atmosfere Obzor Kiev, "Naukova dumka," 1967. 44 p.
- KONDRAT'YEVA, I. N., and E. N. KONDRAT'EV. [Is an answer a signal? Neiron otvechaet na signal] Moskva, "Nauka," 1967. 59 p. (Nauch. popul. seriya)
- KURATOWSKI, K. [Topology. Translated from the Polish] Topologia. Predisl. P. S. Aleksandrovsk. Moskva, "Mir," T. 1. 1966. 594 p.
- KUZNETSOV, B. G. [Physics and economics] Fizika i ekonomika. Moskva, "Nauka," 1967. 85 p.
- KUZNETSOV, R. A. [Activation analysis] Aktivatsionnyy analiz Moskva, Atomizdat, 1967. 323 p.
- [LIMIT THEOREMS AND STOCHASTIC PROCESSES] Predel'nyye teoremy i veroyatnostnyye protsessy, Tashkent, "Fan," 1967. 86 p.
- LIPATOV, I. U. S. [Physical chemistry of filled polymers] Fiziko-khimiya napolnennykh polimerov. Kiev, "Naukova dumka," 1967. 233 p.
- MEDVEDEV, B. V., and M. K. POLIVANOV. [The theory of an adiabatic hypothesis in the axiomatic field theory] O formulyovke adiabatcheskoy gipotezy v aksiomaticheskoy teorii polya Kiev, 1967. 13 p.
- MEDVEDEV, B. V., M. K. POLIVANOV, and A. D. SKHIANOV. [Spectral representations and field re-normalization] Spektral'nyye predstavleniya i pere-normirovka polya. Kiev, 1967. 22 p.
- MOROZOVA, E. A., and I. S. PETRAKOV. [Introduction to mathematical competitions, problems, solutions, and results. Textbook for students] Mezhdunarodnyye matematicheskiye olimpiady, zadachi, resheniya, i ih posobie dlya uchashchikhsya. Moskva, "Prosveshcheniye," 1967. 173 p.
- NAZAROV, A. M. [Collection of problems in physics] Sbornik voprosov i zadach po fizike Moskva, "Vyssh. shkola," 1966. 199 p.
- [ORGANIZATION AND EFFECTIVENESS OF SCIENTIFIC STUDIES] Organizatsiya i effektivnost' nauchnykh issledovaniy. 2-e izd. Novosibirsk, "Nauka," 1967. 180 p.
- PALAMODOV, V. P. [Linear differential operators with constant coefficients] Lineinye differentsial'nyye operatory s postoiannymi koefitsientami Moskva, "Nauka," 1967. 487 p.
- PEKA, G. P. [Physics of semiconductor surfaces] Fizika poverkhnosti poluprovodnikov Kiev, Izd. Kievskogo un-ta, 1967. 190 p.
- [PLASMA PHYSICS] Fizika plazmy. Sbornik statei Pod red. S. I. Luk'ianova. Moskva, Atomizdat, 1967. 95 p.
- PLOKHINSKII, N. A. [Algorithms of biometry] Algoritmy biometrii. [Moskva] Izd. Mosk. un-ta, 1967. 80 p.

TONOMAREVA, L. A. [Euphausiidae of Antarctic waters] Evfauzildy antarkhticheskikh vod. Kaliningrad, 1966 48 p

POREYR'IEV, V. V. [Mysteries of the stars] Tajemnytsi zvezd. Kyiv, "Naukova dumka," 1965. 77 p (Naukovo-populnaya literatura)

POSTNIKOV, V. I. [Use of radioisotopes in research and the automation of work and test control] Radioaktivnye izotopy v issledovanii i avtomatizatsii kontrolya izmerna. Moskva, "Mashinostroyeniye," 1967. 139 p

PUCHINSKAYA, L. M. [Electrocortical reactions to light in man] Elektrokorikalnye i reaktsii na svet u cheloveka. Novosibirsk, "Nauka," 1967. 143 p

REBASSOO, HAIDE-ENE. [Flora of Iltiuma and its genesis] Iltiuma flora ja selle gcnves. Tallinn, Valgus, 1967. 290 p. [In Estonian]

ROZENBLAT, M. A. [Magnetones] Magnetika. Moskva, "Nauka," 1967. 262 p

ROZIN, M. A. [Cells and the nonspecific resistance of the body, cytological analysis of the mechanism of the effect of benzimidazole derivatives] Kletka i nespetsificheskaya soprotivlennost' organizma tsitologicheskoi analiz mekhanizma deystviya pizolovnykh benzimidazola. Leningrad, "Nauka," 1967. 144 p

SAKHAROV, D. I. [Collection of problems in physics] Sbornik zadach po fizike. Izd. 11-e. Moskva, "Prosveshcheniye," 1967. 287 p

SAMOILOV, A. F. [Selected works] Izbrannye trudy. Moskva, "Nauka," 1967. 307 p

SAVICH, T. Z. [Development of the concept of chemical reaction, a manual for teachers] Formirovaniye poimaniya o khimicheskoi reaktsii, posobie dlia uchitel'ei. Moskva, "Prosveshcheniye," 1967. 102 p

SEDOV, L. I. [Similarity and dimensionality methods in mechanics] Metody podobit' i razmernosti v mekhanike. Izd. 6-e, dop. Moskva, "Nauka," 1967. 428 p

SMIRNOV, A. I. [Role of the tonus of vagus nerve center in economic form of cardiac activity] Rol' tonusa (tsenty) bluzhdalushchikh nervov v ekonomnoi forme serdtsheinoi deyatelnosti. Moskva, "Meditsina," 1967. 51 p

SMOLIANSKII, M. L. [Tables of indefinite integrals] Tablitsy neopredelennykh integralov. Izd. 4-e, ispr. i dop. Moskva, "Nauka," 1967. 127 p.

[STRUCTURE AND FUNCTIONS OF CELLULAR NUCLEUS] Struktura i funktsii kletchnogo yadra. Moskva, "Nauka," 1967. 221 p.

TERENIN, A. N. [Photonic state of molecules of dyes and related compounds] Fotonika molekul krasitel' i rodstvemykh organicheskikh soedinenii. Leningrad, "Nauka," 1967. 616 p.

UZHGORODSKII GOSUDARSTVENNYI UNIVERSITET. [Summaries of papers for the 10th scientific conference, physics series, September 1965] Tozisy dokladov k XIX nauchnoi konferentsii, seriia fizicheskaya, sentyabr' 1965 g. Uzhgorod, 1965. 129 p

[VEGETATION OF VOLGA RESERVOIRS] Rastitel'nost' volzhskikh vodokhranilishch. Moskva, "Nauka," 1966. 206 p

VSEKHSVIATSKII, S. K. [Comets in 1901-1965] Komety, 1901-1965 gg. Moskva, "Nauka," 1967. 85 p.

VYGODSKII, M. IA. [Arithmetic and algebra in the ancient world] Aritmetika i algebra v drevnem mire. Izd. 2., ispr. i dop. Moskva, "Nauka," 1967. 387 p

ZAVARZIN, A. A. [Synthesis of DNA and kinetics of cell populations in mammalian ontogeny] Sintez DNK kinetika kletchnykh populatsii v ontogeneze mladozhivushchikh. Leningrad, "Nauka," 1967. 195 p

ZAV'YALOV, O. I., and A. A. SLAVNOV. [Generalized algebra of currents and the additivity hypothesis] Obshchennaya algebra tokov i gipoteza additivnosti. Kiev, 1967. 9 p.

ZEL'DOVICH, I. A. B., and A. D. MYSHKIS. [Elements of applied mathematics] Elementy prikladnoi matematiki. Izd. 2-e, ispr. i dop. Moskva, "Nauka," 1967. 646 p.

14. MEDICINE

BAIMAKANOVA, S. SH. [Cancer of the larynx] Rak gortani. Almaty-Ata, "Kazakhstan," 1966. 26 p (DNLM)

BOCHAROV, A. A. [Lesions of the abdomen] Povrezhdeniya zhivota. Moskva, "Meditsina," 1967. 164 p (B-ka prakt. vracha)

DAVYDOV, S. N. [Causes of a sterile marriage] Prichiny besplozhnogo braka. Moskva, "Meditsina," 1967. 47 p (Nauch.-popul. med. literatura)

DERANKOVA, E. B., A. A. GABELOV, and N. G. OPRYSHIKO. [Problems of sex, for adults about children] Voprosy pola, vzroslym o detiakh. Moskva, "Meditsina," 1966. 46 p (Naukovo-populnaya meditsinskaya literatura)

[ESSAYS ON THE HISTORY OF MEDICINE AND PUBLIC HEALTH IN WESTERN SIBERIA AND KAZAKHISTAN DURING THE PERIOD OF THE ANNEXATION TO RUSSIA, 1716-1868] Ocherki istorii meditsiny i zdravookhraneniya Zapadnoi Sibiri i Kazakhstana v period prisoedineniya k Rossii, 1716-1868. Novosibirsk, Zapadno-Sibirskoe kn. izd., 1967. 578 p

GINZBURG, V. Z. [In the name of life] V im'ya zhytiia. Uzhgorod, "Karpaly," 1966. 75 p (Lyudy zemli. Karpaty, kol)

GLUSHKOVA, E. K. [School holidays] Shkol'nye kankuly. Moskva, "Meditsina," 1967. 40 p. (Nauch.-popul. med. literatura).

GRACHEVA, G. S. [Prevention of rickets] Preduprezhdeniye iakhita. Moskva, "Meditsina," 1967. 24 p. (Nauch.-popul. med. literatura)

GRATSIANSKII, V. P., and D. K. KIOKHILOV. [Diagnosis of initial forms of osteoarticular tuberculosis] Diagnostika nachal'nykh form kostno-sustavnoy tuberkulioza. Leningrad, "Meditsina," 1966. 179 p. (DNLM)

ISLAMBEKOV, R. K., and M. M. BALTABAEV. [Nodular toxic goiter] Uzlovoy toksicheskii zob. Tashkent, "Meditsina," 1966. 177 p. (DNLM)

KARAEV, A. I., and A. G. DADASHEV. [State of metabolism in hypothyroidism] Sostoiyeniye metabolisma pri gipotiroznom bolezni. Baku, Azarbaijan SSR Elmlik Akademiyasy nashriyat, 1967. 123 p (In Azerbaijani)

LAGUN, I. M., and A. P. MAKARENKO. [Stenocardia and myocardial infarct; their prevention and treatment] Stenokardiya i infarkt miokarda; ikh preduprezhdeniye i lecheniye. Minsk, "Belarus," 1966. 65 p. (DNLM)

LENIUSHKIN, A. I., and M. IA. LIKHTEIN. [Pediatric outpatient and polyclinical surgery] Detskaya ambulatno-poliklinicheskaya khirurgiya. Pod red. S. IA. Doletskogo. Moskva, "Meditsina," 1967. 451 p. (B-ka prakt. vracha).

LERMAN, V. I. [Disorders of cerebral blood circulation in intracranial tumors] Narusheniya mozgovogo krovoobrashcheniya pri vnutricherepnykh opukhollakh. Minsk, "Belarus," 1967. 118 p. (DNLM)

MEZHOBlastnaia Nauchno-prakticheskaya konferentsiya khirurgov i ortopedov travmatologov sovmestno s vyezdnoi sessiei uchenogo soveta Leningradskogo gosudarstvennogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii, 1967. [Materials of the Interprovince Scientific and Practical Conference of Surgeons, Orthopedists and Traumatologists jointly with the Out-of-town Session of the Scientific Council of Leningrad State Scientific Research Institute of Traumatology and Orthopedics] Materialy. Belgorod, 1967. 166 p.

PARIN, V. V., and FEDOROV, B. M. [Achievements of modern cardiology] Uspеkhi sovremennoi kardiologii. Moskva, "Znanie," 1967. 92 p. (Novoe v zhizni, nauche tekhnike. XXIII Seriya. Meditsina, No. 10/11). (DNLM)

[PROBLEMS OF SYSTEMIZATION IN SCHIZOPHRENIA AND OF CLINICAL ASPECTS, PATHOGENESIS AND TREATMENT OF CRANIOCEREBRAL TRAUMAS. (Materials to be discussed at the joint plenum of the boards of the All-Union, All-Russian and Leningrad Scientific Medical Societies of Neurologists and Psychiatrists in Leningrad, December 17, 1967)] Voprosy sistematizatsii shizofrenii i kliniki, patogeneza i lecheniya cherepno-mozgovykh traum. (Materialy k obsuzhdeniyu na ob'edin. plenume pravil' Vsesoiuz. i Vseros. i Leningrad. nauch. o-v nevropatologov i psikiatrov, g. Leningrad, 17 dek. 1967 g.) Otv. red. V. M. Banskichikov. Moskva, 1967. 174 p

[SIGNIFICANT AND ANNIVERSARY DATES IN THE HISTORY OF MEDICINE. | Znamenatel'nye i jubileinye daty istorii meditsiny. Moskva, "Meditsina," No. 12 | 1968 | 1968 goda. Pod red. B. D. Petrova. 1967. 72 p

SIROVININ, N. N. A. A. Bogomolets. Moskva, "Meditsina," 1967. 71 p. (Nauch.-popul. med. literatura. Vydachiesha deiateli otechestv. meditsiny i zdravookhraneniya)

STRUCHKOV, V. I. [Suppurative surgery (handbook for physicians)] Gnoinala khirurgiya (Rukovodstvo dlia vrachei). Izd. 2-e, dop. i pererabot. Moskva, "Meditsina," 1967. 423 p

SULTANOV, A. A. [Compound treatment of diseases of the joints] Kompleksnoe lecheniye boleznei suslavov (infekts. nespetsif. poliartrii). Baku, Azerbaidzhan, 1967. 84 p

[TRANSPLANTATION OF ORGANS] Peresadka organov. Pod red. I. D. Khpatovskogo. Moskva, "Meditsina," 1967. 309 p. (DNLM)

ZALETAEVA, T. A. [Hereditary diseases in man (Chromosomal diseases)] Nasledstvennyye bolezni cheloveka. (Khimiosomnyye bolezni). Pod red. V. I. Chumaka. Moskva, 1967. 14 p. (Obshchestvenet voprosy meditsiny)

15. AGRICULTURE

[AGRICULTURE OF RUSSIA, 1917-1967] Sel'skoe khoz'iaistvo Rossii, 1917-1967. Moskva, Rossel'khozizdat, 1967. 227 p

AL'TERGOT, V. F., and E. N. POMAZOVA. [Stimulation of physiological processes in corn] Stimulirovaniye fiziologicheskikh protsessov kukuruzy. Novosibirsk, "Nauka," 1967. 58 p

ARIPOV, S. [Uzbekistan's press promotes the over-all mechanization of cotton growing] Pechal' Uzbekistana za kompleksnuu mekhanizatsiyu khlopkovodstva. Tashkent, "Uzbekistan," 1966. 65 p.

[ARTICLES ON LUMBER FLOATING, on the 60th anniversary of Soviet regime] Sbornik trudov po lesosplavu, k 60-letiyu Sovetskoi vlasti. Moskva, "Lesnaya prom-st'," 1967. 275 p

AVERKIEV, V. P. [Hydroacoustic fish scouting and navigation equipment] Gidroakusticheskie ryboposkovyye i navigatsionnyye pribory. Leningrad, "Sudostroyeniye," 1967. 217 p

BANNIKOVA, I. A. [Effect of tree and shrub plants on the development of the lower tiers of forest biogeocenosis] Vliyanie drevesnoi i kustarnikovo-rastitel'nosti na razvitiye nizhnikh yarusov lesnykh biogeotsenozov. Moskva, "Nauka," 1967. 101 p

BELOZEROV, N. P., M. IA. ELISEEV, and V. G. IL'IN. [Operation of agricultural water supply systems] Eksploataatsiya sel'skokhoziaistvennykh vodoprovodov. Moskva, "Kolos," 1967. 165 p.

BEL'SKIKH, V. I. [Use of "Belarus" tractors] Eksploataatsiya traktorov "Belarus". Moskva, "Kolos," 1967. 407 p.

[BREEDING AND SEED PRODUCTION OF PERENNIAL GRASSES IN THE POLISH PEOPLE'S REPUBLIC] Selektatsiya i semenovodstvo mnogoletnikh trav v Pol'skoi Narodnoi Respublike. Moskva, 1967. 44 p. (Vsesoiuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no 4(101)) (DNAL)

- [COMPOUND FERTILIZERS AND THEIR EFFECTIVENESS (AMMONIUM PHOSPHATES AND POLYPHOSPHATES), a review of American literature] Slozhnye udobreniya i ikh effektivnost' (fosfaty i polifosfaty ammoniya), obzor amerikanskoy literatury Moskva, 1966 47 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu Obzor literatury, no 5(58)). (DNAL)
- [CULTIVATION PRACTICES AS MEASURES FOR CONTROLLING THE VERTICILLIUM WILT OF COTTON, a review of foreign literature] Agrotekhnicheskie mer'y bor'by s vertitsillioznym vil'tom khlopchatnika, obzor inostrannoy literatury Moskva, 1966 67 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu Obzor literatury, no 8(64)). (DNAL)
- [ECONOMIC EFFECTIVENESS OF THE CHEMICALIZATION OF AGRICULTURE IN THE U.S.A., a review of literature for 1950-1965] Ekonomicheskaya effektivnost' khimizatsii sel'skogo khoziaistva SShA, obzor literatury za 1950-1965 gg. Moskva, 1966 95 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu Obzor literatury, no 6(52)). (DNAL)
- [ELECTRONIC DEVICES FOR TEMPERATURE REGULATION] Elektronnaya ustroystva dlya regulirovaniya temperatury, Moskva, 1967 73 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu Obzor literatury, no 22(52)). (DNAL)
- EREMENKO, V. M., and others. [Handbook of pest control in grain storages] Rukovodstvo po bor'be s vreditel'nymi khlebnymi zaprasov Moskva, "Kolos," 1967 335 p.
- [THE ESTONIAN AGRICULTURAL ACADEMY] Desi Pol'majanduse Akadeemia Tartu, 1966, 111 p. [In Estonian]
- [FERTILITY OF THE SOIL AND FERTILIZATION IN KRASNOYARSK TERRITORY] Materials of a scientific and technical conference dedicated to the centenary of Academician D. N. Prianishnikov's birth. Plodotvornost' pochvy i udobreniya v Krasnoyarskom krae. Materialy nauchno-tekhnicheskoy konferentsii, posvyashchennoy 100-letiyu so dnya rozhdeniya akademika D. N. Prianishnikova. [Krasnoyarsk] Krasnoyarskoe kn. izd., 1967 578 p.
- [FODDER YEAST; a review of Soviet literature] Kormovye drozhdzhi, obzor otechestvennoy literatury Moskva, 1966 95 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu Obzor literatury, no 7(62)). (DNAL)
- GAR, K. A. [New chemical substances for the protection of the garden] Novye khimicheskie sredstva zaschity sada Moskva, Rossel'khozizdat, 1967, 138 p.
- [HANDBOOK FOR THE CONSTRUCTOR OF AGRICULTURAL MACHINES in four volumes] Spravochnik konstruktora sel'skokhoziaistvennykh mashin V 4-kht Pod red. M. I. Kletskina Izd. 2-e, pereizdat i dop. Moskva, "Mashinostroyeniye" 1967, 830 p.
- KOLOMIETS, N. G. [Acantholyda stethata, (Distribution, biology, damage, natural enemies, and measures of control)] Zvezdochay i pill'schik-ikach (Rasprostraneniye, biologiya, vred, oslesty, vragi, mory bor'by) Oly. red. A. I. Cherpanov. Novosibirsk, "Nauka," 1967 136 p.
- KUKHORENKO, K., and I. U. KOMAROV. [Commercial fishes of the eastern part of the tropical Atlantic Ocean] Promyslovye ryby vostochnoy chasti tropicheskoy Atlantiki [Kalinigrad] Kalinigr. kn. izd., 1966 185 p.
- KUZNETSOV, B. A. [Biotechnological practices in hunting] Biotehnicheskie metody opitaniya v okhotnich'ey khoziaistvo. Moskva, "Ekonomika," 1967, 237 p.
- [LABORATORY MANUAL OF PHYTOPATHOLOGY] Praktikum po obshchey fitopatologii. Pod red. P. N. Golovina. Leningrad, "Kolos," 1967, 184 p. (Uchebniki i ucheb. posobiya dlya vyssh. s.-kh. ucheb. zavedeni). (DNAL)
- [LUMBERMAN'S HANDBOOK] Spravochnik lesozagotovitel'nykh Syktyvkar, Kom. kn. izd., 1966, 471 p.
- MOROZOV, V. K. [Sunflower in an arid zone] Podsolnechnik v zasushilovoy zone. Saratov, Privolzh. kn. izd., 1967, 182 p.
- [NEW METHODS FOR THE DIAGNOSIS OF SUBCLINICAL MASTITIS IN COWS, a review of foreign literature for 1964-1965] Novyye metody diagnostiki subklinicheskikh mastitov u korov, obzor inostrannoy literatury za 1964-1965 gg. Moskva, 1966, 48 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu Obzor literatury, no 12(74)). (DNAL)
- NIKONOV, G. I., V. M. SUDAKOV, and V. N. CHURUNOV. [Dance of the Ob'-Itysh basin and efficient exploitation of its resources] Elets Ob'-Ityshskogo bissaena i ratsional'noye ispol'zovanie ego zapasov [Tiumen'] Sredno-Ural'skoe kn. izd., 1966 42 p.
- OVCHINNIKOV, I. U. F., and D. N. PIS'MENNAIA. [Collection of problems on the organization of mechanized accounting in agriculture] Sbornik zadach po organizatsii mekhanizirovannogo ucheta v sel'skom khoziaistve Moskva, "Kolos," 1967, 235 p. (Uchebniki i ucheb. posobiya dlya vyssh. s.-kh. ucheb. zavedeni). (DNAL)
- PEREKHREST, S. M. [Mellorations of excessively wet mineral soils in the Ukraine, western provinces and Polesye] Melloratsiya nadmirno zvolozhennykh mineral'nykh zemel' Ukrainy, zakhidnykh oblastei i Polesia Kyiv, "Naukova dumka," 1966, 129 p.
- PIS'MENOV, V. N. [Mechanization of the removal of manure on livestock farms] Mekhanizatsiya uborki navoza na zhivotnovodcheskikh fermakh Moskva, Rossel'khozizdat, 1967, 104 p.
- [POLYPLOIDY IN THE SELECTION OF PLANTS, a review of Soviet and foreign literature] Poliploidiya v selektsii rastenii, obzor otechestvennoy i inostrannoy literatury Moskva, 1967 116 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu Obzor literatury, no 2(66)). (DNAL)
- POPEKHINA, P. S. [Swine feeding] Kormleniye svinей Moskva, "Kolos," 1967, 208 p.
- RIZAEV, G. R. [Agrarian policy of the Soviet regime in Uzbekistan, 1917-1965] Agrarnaya politika Sovetskoy vlasti v Uzbekistane, 1917-1965 gg. Tashkent, "Uzbekistan," 1967 185 p.
- ROZENBLUM, L. M., A. A. VAKHRAEVEV, and B. D. IOZEFOVICH. [Three-stage treatment of cotton plants with the vertical-spindle harvesting machine] Trekhstadiynaya obrabotka kустov khlopchatnika vertikal'no-shpil'del'nym apparatom Tashkent, "Fan," 1967, 63 p.
- [SEXUAL STERILIZATION AS A METHOD OF CONTROLLING INJURIOUS INSECTS] Polovaya sterilizatsiya kak metod bor'by s vrednymi nasekomyimi Moskva, 1966 180 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu Obzor literatury, no 8(30)). (DNAL)
- SINAGIN, I. I., comp. [Controlling the microbiological transformation of fertilizers in the soil, a review of Soviet and foreign literature] Regulirovaniye mikrobiologicheskikh prevrashchenii udobrenii v pochve, obzor otechestvennoy i inostrannoy literatury. Moskva, 1966 64 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu Obzor literatury, no 13(76)). (DNAL)
- TSATSENKIN, I. A. [Ecological scales of pasture vegetation and hay crops in mountain and plain regions of Middle Asia, the Altai and Urals] Ekologicheskie shkaly dlya rastenii pastbishch i senokosov gornyykh i ravninnykh raiionov Srednei Azii, Altaya i Urala Pod red. G. T. Sidorenko Dushanbe, "Donish," 1967 224 p.
- TYMCHISHIN, V. V. [The sun pout down] Solnechnyy nalyv. [Kishinev, "Kartia Moldovenaske," 1967] 60 p.
- [USE OF BIOLOGICAL NITROGEN OF LEGUMINOUS GRASSES ON CULTIVATED PASTURES] Ispol'zovanie biologicheskogo azota bobovykh trav na kul'turnykh pastbishchakh. Moskva, 1967, 63 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu Obzor literatury, no 3(97)). (DNAL)
- [USE OF HETEROSIS IN PLANT GROWING] Ispol'zovanie geterozisa v rastenievodstve. Moskva, 1966 82 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu Obzor literatury, no 7(60)). (DNAL)
- [USE OF RADIOACTIVE ISOTOPES AND RADIATION IN THE PROTECTION OF PLANTS FROM PESTS] Pimeneniye radioaktivnykh izotopov i radiatsii dlya zaschity rastenii ot vreditel'ei Moskva, 1967 157 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu Obzor literatury, no 11(72)). (DNAL)
- [VIRUS PNEUMONIA IN SWINE, a review of foreign literature] Virusnaya pnevmoniya svinей, obzor inostrannoy literatury Moskva, 1966 41 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu Obzor literatury, no 10(70)). (DNAL)
- VOITOLOVSKII, G. K. [Fisheries in the Soviet Union] Rybolovstvo v Iuzhnoi Atlantike "Pishchevaia prom-st'," 1967, 143 p.

16. TECHNOLOGY

- [ACHIEVEMENTS OF SCIENCE AND TECHNOLOGY] Electric power plants, networks and systems of seasonal operating conditions of power systems. Grounding of high-tension electric power lines and substations. Protection of substations from lightning surges. Rotating machines from lightning surges. Rezhimy energeticheskikh sistem. Zazemleniye ustroystva na liniakh elektroprikladnykh vysokogo napriazheniya. Gromozashchita podstantsii i vrashchayushchiesya mashiny. 1964 M. kn. izd. 336 p. (Seriya Elektotekhnika i energetika)
- [ADAPTIVE SYSTEMS] Image cognition. Adaptive devices and finite automata. Tranzaktsionnyye i finitnye avtomaty. All-Union Conference on Automatic Control and Cybernetics held in Odessa, September 1966. Simpozium avtomaticheskogo upravleniya i kibernetiki. Resheniya ustoychivyykh zadach. Trudy III Vsesoyuz. soveshchaniya po avtomat. upravleniyu (tekhn. kibernetika). Odessa, 28 sent. 1966 g. Moskva, "Nauka," 1967 472 p.
- AGANBEKOV, K. I. [Vertical shaft shaktovaya odn. v. Arelik Circle] Pishchovaya vertikal'nykh shaktov v Zapol'noye Moskva, "Nedra," 1967 117 p.
- AKULOV, A. I., and I. A. SOKOL. [Mechanization of piping] Mekhanizirovaniye svyaznykh ustroystv Moskva, "Stroizdat," 1967 181 p.
- ALEKSEEVA, M. M. [Machine generators of high frequency] Mashinnye generatory vysokofrekventnykh voln Leningrad, "Energiya," 1967 343 p.
- AMANOV, SABYRDIN. [Radio communication and distribution of ultrashort radio waves in mountainous regions] Radiosv'az' i rasprostraneniye UKV v gornykh rayonakh Frunze, "Kyrgyzstan," 1965 113 p.
- ANDREEVSKII, M. G., and others. [Repair of concrete ties] Remont zhelezobetonnykh svyaznykh Moskva, "Transport," 1967, 103 p.
- ANISIMOV, I. V. [Fundamentals of automatic control in petrochemical and petroleum refining industries] Osnovy avtomaticheskogo upravleniya v neftepererabatyvayushchey promyshlennosti i neftepererabatyvayushchey promyshlennosti "Khimiya," 1967, 406 p.
- [ANTENNAS] Antennы. Sbornik Moskva, "Svyaz," No. 2, 1967 181 p.
- [ANTICORROSIVE INSULATION OF WELDED JOINTS IN LARGE-PANEL RESIDENTIAL BUILDINGS] Antikorroziionnaya zaschita svyaznykh i razreshch. Leningrad, Mashinostroyeniye, 1967, 41 p.
- ANTONOV, A. S. [Power transmission of wheels and tracking vehicles. Theory and design] Silovaya peredachnykh kolesnykh i gusenchiknykh mashin. Teoriya i raschet. Leningrad, Mashinostroyeniye, 1967, 41 p.
- ARKHANGEL'SKII, V. M., and others. [Automobile engines] Avtomobil'nye dvigateli. Pod obshch. red. M. S. Khovakha. Moskva, "Mashinostroyeniye," 1967 494 p.
- ARKHIPOV, B. N. [Laboratory work in inorganic and organic chemistry, and technical analysis] Issledovaniya po neorganicheskoy, organicheskoy i tekhnicheskoy analizu. 2-e izd. Leningrad, "Vyssh. shkola," 1967 262 p.

- ARSEN'EV, I. D. [Similitude theory in engineering economic calculations] Teoriya podobila v inzhenernykh ekonomicheskikh raschetakh. Moskva, "Vyssh shkola," 1967. 261 p.
- ARSHINOV, V. A., and G. A. ALEKSEEV. [Metal cutting and metal-cutting tools] Rezanie metallov i rezhushchii instrument. Izd. 2-e, pererabot. i dop. Moskva, "Mashinostroyeniye," 1967. 499 p.
- ARTOBOLSKII, I. I. [Machine theory] Teoriya mekhanizmov. Izd. 2-e, ispr. Moskva, "Nauka," 1967. 718 p.
- [AUTOMATIC EXPLORERS OF OUTER SPACE] Avtomaticheskie razvedchiki Kosmosa [Kafelnik, Izd. Agenciya puchati Novosti, 1967] 18 p., illus.
- [AUTOMATING AND MECHANIZING INDUSTRIAL PROCESSES IN MACHINE MANUFACTURE] Avtomatizatsiya i mekhanizatsiya proizvodstvennykh protsessov v mashinostroyenii. Pod red. G. A. Shaulmana. Moskva, "Mashinostroyeniye," 1967. 387 p.
- BALIKHIN, M. I., M. S. GUREVICH, and I. A. M. KUPERMAN. [Planning construction work] Planirovaniye stroitel'stva. Moskva, Stroiizdat, 1967. 390 p.
- BAREMBO, K. N., and L. M. BERNSTEIN. [Drying, saturation, and compounding of the windings of electrical machines] Sushka, propitka i komponirovaniye obmotok elektromekhanicheskikh mashin. Izd. 2-e, ispr. i dop. Moskva, "Energiya," 1967. 302 p.
- BERDICHEVSKII, G. I., and M. S. TSALALIKHIN. [Prestressed reinforced concrete] Predvaritel'no napriazhennyy zhelezobeton. Moskva, Stroiizdat, 1967. 75 p.
- BERKOLAIO, Z. M., and others. [Economic problems and ways to reduce costs in the construction of deep wells in the fields of Azerbaijan] Voprosy ekonomiki i puti snizheniya sebestoimosti stroitel'stva glubokikh skvazhin na ploshchadakh Azerbaidzhana. Baku, Azerneshr, 1965. 130 p.
- BESAGIN, S. P. [Firing equipment of glass-working equipment of electric and vacuum apparatus factories] Ognevoe osnashcheniye stekloobrabatovushchego oborudovaniya elektrovakuumnogo pri otdvat'stva. Izd. 2-e, pererabot. i dop. Moskva, "Energiya," 1967. 344 p.
- BIALOBZHESKII, A. V. [Radiation corrosion] Radiatsionnaya korrozia. Moskva, "Nauka," 1967. 216 p.
- BLAGORAZUMOV, V. I., and Z. S. KHODOROVA. [Examination of the experiment. Restaurant "Praga"] Eksperiment derzhit ekzamen. Restoran "Praga." Moskva, "Ekonomika," 1967. 71 p.
- BODRIKOV, B. V., I. M. RUSAKOV, and A. A. TSAR'KOV. [Technology, organization and planning of bridge construction] Tekhnologiya, organizatsiya i planirovaniye stroitel'stva mostov. Pod red. G. K. Evgrafova. Moskva, "Transport," 1967. 460 p.
- BOGOMOLOV, A. I., D. I. A. VIGDORCHIK, and M. A. MAEVSKII. [Gas burners for infrared radiation and their application] Gazovyye gorelki infrakrasnogo izlucheniya i ikh primeneniye. Moskva, "Stroiizdat," 1967. 254 p.
- BONDARENKO, V. M. [Problems of nonlinear circuit analysis] Voprosy analiza nelineinykh elektromekhanicheskikh i elektronnykh tsopel. Kiev, "Naukova dumka," 1967. 155 p.
- BORODIN, I. V. [Technology and organization of the construction of water-supply and sewer systems and structures] Tekhnologiya i organizatsiya stroitel'stva vodoprovodnykh i kanalizatsionnykh setei i sooruzhenii. Moskva, Stroiizdat, 1967. 231 p.
- BOROZDIN, I. G. [Network scheduling and management of building operations] Sotvoe planirovaniye i upravleniye stroitel'stvom. Moskva, Stroiizdat, 1967. 136 p.
- BRATSLAVETS, P. F., I. A. ROSSELEVICH, and L. I. KHROMOV. [Spacecraft television systems, problems of theory and practice in the design of spacecraft television systems] Kosmicheskoe teledeniye, nekotoryye voprosy teorii i praktiki postroyeniya sistem kosmicheskogo teledeniya. [Moskva, "Sviaz," 1967. 134 p.
- BRUSKIN, V. I. A., and N. I. A. SHTEKHMANN. [Book for radio repairmen (A manual)] Kniga dlya radiomastera. (Spravochnoe posobie) Moskva, "Legkaya industriya," 1967. 247 p.
- [BUILDING MATERIALS INDUSTRY OF THE U.S.S.R. 1917-1967] Promyshlennost' stroitel'nykh materialov SSSR 1917-1967. Pod red. B. I. B. Moskva, Stroiizdat, 1967. 332 p.
- [CALCULATION OF PHOTOELECTRIC CIRCUITS] Raschet fotoelektricheskikh tsopel. Pod red. S. F. Kordorfa. Moskva, "Energiya," 1967. 199 p.
- [CHEMISTRY AND CLASSIFICATION OF COALS] Khimiya i klassifikatsiya iskopaemykh uglei. Moskva, "Nauka," 1966. 180 p.
- CHERVINSKII, K. A. [Technological methods of petrochemical synthesis] Tekhnologicheskiye metody neftekhimicheskogo sinteza. Izd. 2-e. Moskva, "Khimiya," 1967. 94 p.
- CHICHINADZE, A. V. [Calculation and investigation of external friction during braking] Raschet i issledovaniye vneshego treniya pri tormozhenii. Moskva, "Nauka," 1967. 231 p.
- [CHILL CASTING A handbook] Kokil'noye lit'e. Spravochnoe posobie. Moskva, "Metallurgiya," 1967. 459 p.
- CHUDAKOV, K. P., and V. I. BOITSOV. [Repair of construction machinery] Remont stroitel'nykh mashin. Izd. 2-e, ispr. i dop. Moskva, "Vyssh shkola," 1967. 302 p.
- CHULKOV, I. U. A., and A. K. MOKIN. [Instruments for the maintenance of the electrical equipment of motor vehicles] Priboiy dlya tekhnicheskogo obsluzhivaniya elektromotornogo avtomobilnogo stroitel'stva. Moskva, "Transport," 1967. 125 p.
- [CORROSION CONTROL IN THE CHEMICAL AND PETROLEUM PROCESSING INDUSTRIES] Bor'ba s korroziei v khimicheskoi i neftepererabatyvayushchey promyshlennosti. Moskva, "Mashinostroyeniye." Sbornik 1 [Metallic materials] Metallicheskiye materialy. Pod red. I. A. Klinova. 1967. 207 p.
- [CROSSBAR AUTOMATIC TELEPHONE EXCHANGE K-50/200; collection of information with supplementing circuit] Krossbar ATS K-50/200, lufomatitsionnyy sbornik s prilozheniem skhem. Moskva, "Sviaz," 1966. 132 p. (Tekhnika svyazi).
- DAVYDOV, I. A. M. [Gas-discharge light sources] Gazorazradnyye svetila. Kyiv, "Tekhnika," 1965. 87 p.
- DAVIDOV, P. D. [Analysis and calculation of thermal operating modes of semiconductor devices] Analiz i raschet teplovyykh rezhimov poluprovodnikovyykh priborov. Moskva, "Energiya," 1967. 144 p. (Doklady avtomatiki. Vyp. 204).
- DENSHCHIKOV, M. T., and V. V. RUDOL'F. [Practical instructions on the production of nonalcoholic beverages] Prakticheskiye soveti po proizvodstvu bezalkogol'nykh napitkov. Moskva, "Pishchevaya prom-st'," 1967. 55 p.
- [DESIGN AND CONSTRUCTION OF ELEMENTS OF GYROSCOPIC DEVICES] Raschet i proektirovaniye elementov giroskopicheskikh ustroystv. Leningrad, "Mashinostroyeniye," 1967. 478 p.
- DREIZENSH'TOK, Z. B., and N. L. LUSHKOV. [Handbook of a welder in shipbuilding] Spravochnik svarshchika-sudostroyel'tsa. 2-e izd., dop. i pererabot. Leningrad, "Sudostroyeniye," 1967. 388 p.
- DUBROVSKII, V. V. [Study of underground waters for water supply of power plants; methodological manual] Izyskaniya podzemnykh vod dlya vodosnabzheniya energeticheskikh ob'ektov, metodicheskoe posobie. Izd. 2-e, pererabot. i dop. Moskva, "Energiya," 1967. 106 p.
- EKEL'CHIK, M. S. [Building norm setter's handbook] Spravochnik normirovshchika-stroitel'ia. Izd. 3-e. Kiev, "Budivelnik," 1967. 279 p.
- [ELECTRIC PULSE MACHINING OF METALS] Elektroimpul'snaya obrabotka metallov. Moskva, "Mashinostroyeniye," 1967. 285 p.
- [ELECTRIC ROLLING STOCK WITH SEMICONDUCTOR CONVERTERS] Elektropodvighoi sostav s poluprovodnikovymi preobrazovatel'nyimi. Moskva, "Transport," 1967. 307 p.
- [ELECTROTHERMAL EQUIPMENT, a handbook] Elektrottermicheskoe oborudovaniye, spravochnik. Pod obshchey red. A. P. Al'tgauzena, M. I. A. Smelanskogo i M. S. Shevtsova. Moskva, "Energiya," 1967. 466 p.
- EMEL'IANOV, S. V. [Automatic control systems with variables structure] Sistemy avtomaticheskogo upravleniya s peremennoi strukturoy. Moskva, "Nedra," 1967. 335 p. (Teoret. osnovy tekhn. kibernetiki).
- [ERECTION OF BKSM-5-5 TOWER CRANES USING AN ERECTING MAST WITHOUT STEEPLEJACKING OPERATIONS] Montazh bashennykh kranov BKSM-5-5 s pomoshchyu padayushchei masty bez verkholyaznykh rabot. Moskva, Stroiizdat, 1967. 22 p.
- ERKIN, A. M. [Cold cathode tubes] Lampy s kholodnym katodom. Moskva, "Energiya," 1967. 79 p. (Massovaya radiobiblioteka, vyp. 645).
- EROFEEV, N. I. [Technical means for the overall mechanization of loading and unloading operations in the merchant marine] Tekhnicheskiye sredstva kompleksnoi mekhanizatsii peregruzochnykh rabot na morskoy transporte. Moskva, "Transport," 1967. 351 p.
- [EXPANDING THE SCIENCE OF METAL CUTTING] Razvitiye nauki o rezanii metallov. Pred. red. kolektiva N. N. Zarev. Moskva, "Mashinostroyeniye," 1967. 416 p.
- FIKHMANN, B. I. A. [Programmed and remote control of hydraulic presses] Programmirovannoe i dstanttsionnoe upravleniye gidravlicheskimi pressami. Moskva, "Mashinostroyeniye," 1967. 170 p.
- ILIPPOV, A. M. [Electrical measurements in rural telephone networks] Elektricheskiye izmereniya lini sel'skikh telefonnykh setei. Moskva, "Sviaz," 1967. 112 p. (Doklady svyazi).
- [FORGING AND CLOSED DIE SQUEEZING OF STEEL, handbook in two volumes] Kovka i ob'emnaya shumpovka stalispavochnik v dvukh tomakh. Pod red. M. V. Storozheva. Moskva, "Mashinostroyeniye." T. I. Izd. 2-e, pererabot. 1967. 435 p.
- FROLOV, S. A. [Cybernetics and engineering graphics] Kibernetika i inzhenernaya grafika. Moskva, "Mashinostroyeniye," 1967. 199 p.
- GAIDUCHENKO, E. I. [Electric erosion machining of small-diameter holes] Elektroeroziionnaya obrabotka otverstii malyykh diametrov. Leningrad, 1967. 47 p. (Leningradskiy dom nauchno-tekhnicheskoy propagandy. Seriya: Progressivnye metody obrabotki materialov).
- GAIKO, N. N. [Of 5000 addresses] V 5000 adressov. [Poin] Permskoe kn. izd., 1967. 54 p. (S mirovym imenem).
- GLUKHOVSKII, A. D., and E. G. KUTUKHTIN. [Vortical stay reinforced-concrete trusses for buildings with flooring between trusses] Dozraskovyye zhelezobetonnyye formy dlya zdaniy s mezhformennymi etazhami. Moskva, Stroiizdat, 1967. 75 p.
- GOL'DIN, I. D. [Mechanizing the plotting of graphic representations in prospecting and mining] Mekhanizatsiya postroyeniya nagladnykh izobrazhenii pri razvedke i razrabotke nedr. Moskva, "Nedra," 1967. 183 p.
- GOLIKOV, V. I., and Z. F. RESINA. [Handbook for workers in furniture enterprise laboratories] Posobie dlya rabotnikov laboratorii mebel'nykh predpriyatiy. Izd. 2-e, pererabot. i dop. Moskva, "Lesnaya prom-st'," 1967. 162 p.
- GRADYUK, I. I. [Calculation of prestressed reinforced-concrete elements. (Practical manual)] Raschet predvaritel'no napriazhennykh zhelezobetonnykh konstruktov. (Prakt. posobie). Kiev, "Budivelnik," 1967. 152 p.
- GROMOV, A. I. A. [The horizons of search] Gorizontaly poiska. [Kishinev, "Kartia Moldovenianske," 1967] 117 p.
- GUBAREV, V. S., and V. E. GORELOV. [The era of great inventions] Vremiya velikikh otkrytiy. [Moskva] "Mosk. rabochii," 1967. 199 p.
- GUSHCHIN, V. F. [Designing structural features of an invention] Konstruktsionnaya razrabotka izobreteniya. [Leningrad] Lenizdat, 1967. 121 p. (Biblioteka rabochego-izobretatelya i ratsionalizatora).

- [HEAT AND MASS EXCHANGE IN CHEMICAL TECHNOLOGY] *Teplota i massoobmen v khimicheskoi tekhnologii* [Kiev, "Naukova dumka," 1967] 158 p (Respublikanskiy mezhvedomstvennyi sbornik "Teplotika i kholodotekhnika")
- [HIGH-MELTING MATERIALS IN THE MACHINERY INDUSTRY, a handbook] *Tugoplavkiye materialy v mashinostroenii, spravochnik* Pod red. A. T. Tumanova i K. I. Portnogo. Moskva, "Mashinostroyeniye," 1967 392 p
- IAKUB, R. I. [Fundamentals of telephony and telephone apparatus] *Osnovy telefonii i telefonnyye apparaty* Moskva, "Vyssh shkola," 1967 120 p
- IBRAGIMOV, I. I. [Mathematical methods and electronic digital computers in planning railroad stations] *Matematicheskie metody i ETSVM v proektirovani zheleznodorozhnykh stantsii* Tashkent, "Fan," 1967 197 p
- INOZEMTSEV, D. P. [Repair and mounting of the equipment of synthetic fiber plants] *Remont i montazh oborudovaniia zavodov khimicheskikh volokon* Moskva, "Khimiya," 1967 251 p
- [INSTRUMENT MANUFACTURE AND MEANS FOR AUTOMATIC CONTROL] *Transactions of the First Conference of Young Scientists and Specialists of Moscow* *Priborostroyeniye, sredstva avtomatizatsii i sistemy upravleniia* Trudy I konferentsii molodykh uchenykh i spetsialistov Moskvy Moskva, "Nauka," 1967 307 p (Mir glazami molodogo uchenogo)
- IOKTON, A. I., and others [Organization of railroad operations on lengthened sections of locomotive circulation] *Organizatsiia poezdnoi raboty na udlinennykh uchastkakh obrashcheniia lokomotivov* Pod obshch. red. I. B. Sotnikova. Moskva, "Transport," 1967 137 p
- ISACHENKOV, E. I. [Die stamping with rubber and fluids] *Stampovka rezinoi i zhidkost'iu* Izd. 2-e, pererabot. i dop. Moskva, "Mashinostroyeniye," 1967 367 p
- IVJANSKII, G. B., V. A. ANZIGITOV, and M. B. SHIFERMAN [In-situ anticorrosive insulation of steel embedded metalwork and welded joints of precast reinforced-concrete structural elements] *Antikoroziionnaia zashchita stal'nykh zakladnykh detalей i svaynykh soedinenii stoykov sbornykh zhelezobetonnykh konstruktiv v postoiachnykh usloviakh* Moskva, Stroiizdat, 1966 31 p
- KALINUSHKIN, M. P. [Ventilation installations] *Ventilatsionnye Ustanovki* Izd. 6, pererab. i dop. Moskva, "Vyssh shkola," 1967 258 p
- KAN, A. V., and V. I. MATVEEV [Installations and apparatus for freezing fish and fish products] *Ustanovki i apparaty dlia zamorazhivaniia ryby i ryboproduktov* Moskva, "Pishchevala prom-st'," 1967 236 p
- KANTSEPOL'SKII, I. S., F. L. GLEKEL', and K. B. RAPOPORT [Longevity of concrete in dry and hot climate regions with saline soils] *Dolgovechnost' betonov v usloviakh s sukhim i zharkim klimatom i zasolenymi gruntami* Tashkent, "Fan," 1967 133 p
- KHOZHUKHOV, V. P., V. V. VORONOV, and V. V. GRIGOREV [The deviation of magnetic compasses] *Devatsiia magnitnogo kompasa* Izd. 2-e, ispr. i dop. Moskva, "Transport," 1967 259 p
- KLIMOVITSKII, M. D., and A. P. KOPELOVICH [Automatic control and regulation in ferrous metallurgy] *A handbook* *Avtomaticheskii kontrol' i regulirovaniye v chernoi metallurgii* Spravochnik Moskva, "Metallurgiya," 1967 787 p
- KLOPOV, S. V., and V. A. RYL'SKII [Industrial power complex of southern Tajikistan] *Energo promyshlennyy kompleks Uzhnogo Tadzhikistana* Moskva, "Nauka," 1967 107 p
- KONJAZEV, A. D. [Protection of radioelectronic apparatus from mechanical actions] *Zashchita radioelektronnogo apparata ot mekhanicheskikh vozdeystvii* Red. I. V. Vasil'kevich. Moskva, 1967 64 p
- KOKHITEV, A. A. [Fundamentals of standardization in the manufacture of machinery] *Osnovy standartizatsii v mashinostroenii* Izd. 3-e, pererabot. i dop. Moskva, "Mashinostroyeniye," 1967 491 p
- KOKORIN, P. I., B. G. TARASOV, and G. A. ZENKOVICH [Principles of safety engineering, fire prevention and mine rescue work] *Osnovy tekhniki bezopasnosti, protivopozharnaya tekhnika i goi nospasatel'noe delo* Moskva, "Nedra," 1967 360 p
- KONFEDERATOV, I. A. [Fundamentals of power engineering] *Osnovy energetiki* Izd. 2-e, dop. Moskva, "Prosvchsheniye," 1967 109 p
- KORIAKIN, I. U. L., and A. A. LOGINOV [And rivers shall flow from the oceans] *I potekt iz okeanov i eki* Moskva, Atomizdat, 1967 86 p (Nauchno-populiarnaya biblioteka Atomizdata)
- KORNEV, V. K. [Use of electronic digital computers in the evaluation of the reliability of power equipment] *Primeneniye ETSVM dlia otsenki nadezhnosti energooborudovaniia* Leningrad, 1967 34 p (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya "Uuchsheniye kachestva, povysheniye nadezhnosti i dolgovechnosti mashin, priborov, elektronnogo i radioelektronnogo apparatu")
- KOSTOMAROV, V. M. [Measures for combating landslides in cities] *Protivopolozhnyye meropriiatiia v gorodakh* Moskva, Stroiizdat, 1967 109 p
- KOTLIAR, I. V. [Marine gas-turbine plants] *Sudovyye gazoturbinye ustanovki* Leningrad, "Sudostroyeniye," 1967 283 p
- KOZHIN, A. N., and V. A. RUBINCHIK [Relay protection of lines with branch lines] *Releinaia zashchita lini s otvetvleniiami* Moskva, "Energiya," 1967 262 p
- KRAEV, I. S. [Crucibles and the technology of transportation] *Gruzovozdeniye i tekhnologiya perevozok* Moskva, "Transport," 1967 271 p
- KREISHMAN, K. K. [Protection of wooden structural elements from putrefaction, wood borers, and fire] *(Practical manual)* *Zashchita derevnykh konstruktiv ot gnileniia, drovochesev i ognia* (Prakt. posobie) Leningrad, Stroiizdat, 1967 136 p
- KRISHTAL, M. A., and E. G. TITENSKII [Properties of malleable cast iron] *Svoystva kovkogo chuguna* Moskva, "Metallurgiya," 1967 230 p
- KRYSIN, A. M., and I. Z. NAUMOV [Metal filler in machine assembly operations] *Slesar' mekhanosobornykh rabot* Izd. 2-e, pererabot. i dop. Moskva, "Vyssh shkola," 1967 271 p
- KUDAKTIN, A. V. [Electric equipment of hoisting and conveying machines] *Elektrooborudovaniye pod'omno-transportnykh mashin* Moskva, "Transport," 1967 336 p
- KUKSOV, V. A., and I. U. V. KUKSOV [Study of materials for carpenters and cabinetmakers] *Materialovozdeniye dlia stoliarov i plotnikov* Izd. 4-e, pererabot. i dop. Moskva, "Vyssh shkola," 1967 303 p
- KULIA, V. I. [Orthogonal fillets] *Ortogonal'nye fil'try* Kiev, "Tekhnika," 1967 240 p
- KUSHLIAN, R. I. A. [Industrial experience in electric erosion machining of die and mold parts] *Proizvodstvennyi opyt elektroerozionnoi obrabotki detalей shtampov i pressform* Leningrad, 1967 19 p (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya "Progressivnyye metody obrabotki materialov")
- KUZ'MIN, V. I. [Geometrization and calculation of reserves of solid mineral deposits] *Geometrizatsiia i podschet zapasov mestoi ozhdlenii tverdykh poleznykh iskopaemykh* Moskva, "Nedra," 1967 242 p
- LEVCHENKO, D. N., and others [Emulsions of petroleum with water and methods of their breakdown] *Emul'sii nefii s vodoi i metody ikh razrusheniia* Moskva, "Khimiya," 1967 199 p
- [LIQUID METAL COOLANTS] *Zhidkometallicheskie teplosiiteli* Izd. 2-e, pererabot. i dop. Moskva, Atomizdat, 1967 299 p
- LOKHMATOV, V. M. [Control and measurement devices in the gas industry] *Kontrol'no-izmeritel'nye pribory v gazovom khoziaistve* Leningrad, "Nedra," 1967 254 p (Biblioteka mastera gazovogo khoziaistva)
- LOLADZE, T. N., and G. V. BOKUCHAVA [Wear of diamonds and diamond wheels] *Izнос алмазных кругов* Moskva, "Mashinostroyeniye," 1967 110 p
- LOMAKIN, I. L., and others [Automation of chemical industries] *Avtomatizatsiia khimicheskikh promyshlennostei* Moskva, "Khimiya," 1967 279 p (Proizvodstvenno-tekhnicheskii sbornik)
- [LUBRICATING-COOLING FLUIDS (SOZHS) WITH SURFACE-ACTIVE ADDITIVES FOR THE MANUFACTURING OF LOW-WORKABILITY ALLOYS] *SOZH s aktivnymi prisdadkami dlia mekhanicheskikh splavov* Leningrad, 1967 38 p (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya "Progressivnyye metody obrabotki materialov")
- LUKACH, I. U. E., D. D. RIABININ, and B. N. PLETCHIKOV [Calendar for processing plastics and rubbers] *Valkovyye mashiny dlia pererabotki plasticheskikh i kauchukovykh smescei* Moskva, "Mashinostroyeniye," 1967 294 p
- MAGRACHEV, Z. V. [Single-pulse voltmeters] *Vol'tmetry odinotchnykh impul'sov* Moskva, "Fizmatgiz," 1967 112 p (B-k po avtomatike Vyp. 41)
- MAKSIMOV, V. N. [Organizing production of the plough mining of coal] *Ekonomskaia organizatsiia* *Organizatsiia proizvodstva i upravleniia vyemko ugliia* (Ekonomskaia organizatsiia) Moskva, "Nedra," 1967 81 p (Konkretnaia shkola gornikov)
- MALYI, S. A. [Economical metal heating] *Ekonomicheskoe nagrevaniye metallu* Moskva, "Metallurgiya," 1967 191 p
- [MANUAL OF NITROGEN INDUSTRY SPECIALIST] *2 vols* *Spravochnik azotchika* V. 2-ii Moskva, "Khimiya," 1967 491 p
- [1] [Physicochemical properties of gases and liquids] *Proizvodstvo i tekhnologiya gazov i zhidkostei* *Purification of technological gases* *Chistota i vyemka ammoniia* *Synthesis of methanol* *Khimicheskie svoystva gazov i zhidkostei* *Fiziko-khimiicheskie svoystva gazov i zhidkostei* *Sintez amnol* *Sintez metanola* 1967 491 p
- MARSHAL, S. A., and V. P. SAMOILOV [High speed dergound structures with the help of mirlage] *Stroitel'stvo podzemnykh sooruzhenii s pomoshch'yu prikladnykh shchitov* Moskva, "Nedra," 1967 206 p
- MATOV, A. L., and A. A. SHAPOVALOV [Wear of conveyor belts] *Vulkanizatsiia konveyernykh lenty* Moskva, "Nedra," 1967 115 p
- MATVEEV, I. U. M., and A. I. BATIST [Prediction of a defonable mandrel] *Vodochemicheskii kontrol' i regulirovaniye v chernoi metallurgii* Ural'skoe kn. izd., 1967 115 p
- MEEROV, M. V. [Structural synthesis of high-speed automatic control systems] *Sintez struktural'nykh avtomaticheskikh regulirovaniy* Moskva, "Nedra," 1967 423 p
- MEL'NIKOV, I. U. A. [Permanent magnets of ferromagnetic and vacuum microwaves devices] *Postoiannyye magnety i vakuumnye mikrovolnovyye ustroystva* Moskva, "Radio i Svyaz," 1967 183 p
- MEL'NIKOV, N. N. [Waste rock formation with drag-line excavators; intensification of drag-line work] *Otvaloobrazovaniye shagelushchimi draglinami i kar'erakh, intensifikatsiia otvalnykh rabot* Moskva, "Nedra," 1967 111 p
- MERKULOV, E. A., E. N. DUBROVIN, and E. A. T. CHIKHIN [Precast elements for urban roads] *Prekastykh elementov gorodskikh dorog* Moskva, "Nedra," 1967 188 p
- [METALLURGY OF TITANIUM] *Problemy razvitiia titana* Moskva, "Nauka," 1967 215 p
- [METALLURGY OF TUNGSTEN, MOLYBDENUM AND NIOBIUM] *Metallurgiya vol'frama, molibdena i niobia* Moskva, "Nedra," 1967 224 p

- MLAKISHEV, N. F. [Reactive power, power factor and means for improving it. Lecture on the course "Electrical drives and use of electrical energy in agriculture" for students of correspondence schools of the engineering faculty] Reaktivnaya moshchnost', koefitsient moshchnosti i sposoby ego uluchsheniya. Lektsiya po kursu "Elektricheskiye dvigateli i primeneniye elektricheskoy energii v sel'skom khoziaistve" dlia studentov-zaochnikov inzhenernogo fakul'teta. Moskva, 1967. 28 p.
- MIKHAILOVSKII, I. U. K. and others. [Photoelectric stylometer for rapid spectrum analysis and tests for its industrial application] Fotoelektricheskiy stilometr dlia ekspressnogo spektralnogo analiza i ego ispytanie v proizvodstvennykh usloviyakh. Leningrad, 1967. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya "Uluchshenie kachestva, povyshenie nadezhnosti i dolgovechnosti mashin, priborov, elektronnoi i radioelektronnoi apparatury").
- MIKIT, E. A., and K. K. UPMANIS. [Intensification of chamber drying of lumber] Intensifikatsiya kamernoi sushki pilomaterialov. Izd. 3-e, pererabot. i dop. Moskva, "Lesnaya prom-st'" 1967. 98 p.
- [MINING MINERAL DEPOSITS IN THE URAL MOUNTAIN REGION] Razrabotka mestoi ozidat' poleznykh iskopennykh Urala. Moskva, "Nedra," 1967. 590 p.
- MIRSALEEV, S. B. [Equipment and technology of drilling second shafts] Tekhnika i tekhnologiya zaozki vtorogo silova skvazhina. Moskva, "Nedra," 1967. 83 p.
- [MODERN SPRING MATERIALS] Sovremennyye pruzhninye materialy. Leningrad, 1967. 35 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Uluchshenie kachestva, povyshenie nadezhnosti i dolgovechnosti mashin, priborov, elektronnoi i radioelektronnoi apparatury").
- NAZIROV, S. A., and N. K. KERIMOV. [Improving equipment and technology in offshore drilling] Usovershenstvovanie tekhniki i tekhnologii morskogo burochnika. Baku, Azernashi, 1967. 141 p.
- NEKHIEDZI, I. U. A., and I. V. KUPTSOV. [Complex testing for the determination of foundry properties of alloys] Kompleksnaya proba dlia opredeleniya litnykh svoystv splavov. Leningrad, 1967. 40 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Progressivnoe for mobilizatsionnoye).
- NIKOLAEV, I. U. N. [Radiation receivers] Priemniki izlucheniya. Moskva, Ch. 1. [General information on radiation receivers and physical fundamentals of the interaction of an electromagnetic wave with matter] Obshchie svyedeniya o priemnikakh izlucheniya i fizicheskie osnovy vzaimodelstviya elektromagnitnoi volny s veshchestvom. 1967. 64 p.
- NIKOLIN, V. I., S. S. MELIKSETOV, and I. M. BERKOVICH. [Outbursts of rocks and gases] Vybrosoy porody i gaza. Moskva, "Nedra," 1967. 79 p.
- NORITSYN, I. A., and V. I. VLASOV. [Automation and mechanization of technological processes of forging and stamping] Avtomatizatsiya i mekhanizatsiya tekhnologicheskikh protsessov kovki i slitnypokli. Moskva, "Mashinostroyeniye," 1967. 388 p.
- NORKIN, I. A. A., and others. [Repair of diesel locomotives] Remont teplovozov. Izd. 2-o, pererabot. i dop. Moskva, "Transport," 1967. 359 p.
- NOVGORODSKII, M. A. [Individual operation control in the production of reinforced-concrete products and structures] Pooperatsionnyi kontrol' pri proizvodstve zhelezobetonnykh izdelii i konstruktsei. Moskva, "Vyssh shkola," 1967. 231 p.
- OMEL'IANENKO, I. U. I. [Radio relay lines] Radioelektricheskiye lini. Kiev, "Tekhnika," 1967. 202 p.
- [OPERATION AND MAINTENANCE OF EXPLOSION-PROOF ELECTRIC EQUIPMENT FOR THE PETROLEUM, GAS, AND CHEMICAL INDUSTRIES] Eksploatatsiya i remont vzryvozaschishchennogo elektrooborudovaniya dlia neflianoj, gazovoi i khimicheskoi promyshlennosti. Pod obshch. red. V. A. Khorunzhego. Moskva, "Nedra," 1967. 316 p.
- OVCHINNIKOV, L. F. [Building drainage systems using machines designed by the All-Union Scientific Research Institute of Railroad Transportation] Sooruzheniya drenazhnoi mashinnoi sistemy TsNII MPS. Moskva, "Transport," 1967. 31 p. (Dostizheniya nauki i tekhniki - v proizvodstvo).
- PANOV, I. A. V. [Handbook for the repair of textile equipment (Cotton spinning and weaving industries)] Spravochnik po remontu tekstil'nogo oborudovaniya (Prilozheniye k tekstil'noy khimii i khimicheskoi promyshlennosti). Moskva, "Legkaya industriya," 1967. 218 p.
- PEICH, N. N., and B. S. TSAREV. [Drying of wood] Susushka drevessiny. Moskva, "Vyssh shkola," 1967. 207 p.
- PETROV, I. V. [Theoretical principles of electrical engineering and electrical measurements] Teoreticheskiye osnovy elektrotekhniki i elektromerendia. Moskva, "Kolos," 1967. 399 p. (Uchebniki i uchebnye posobia dlia sel'skokhoziaistvennykh tekhnikumov).
- PETROV, I. U. V., and N. A. PETROVA. [Progressive equipment for the machining of laminated plastics] Progressivnoye oborudovanie dlia obrabotki sloistnykh plastmass. Leningrad, 1967. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya "Plastmassy i ikh primeneniye v promyshlennosti").
- PFUL', B. E. [Mobile technical cabinet for welding operations, from the experience of the "Mosorgstol" of the Glavmosstol] Peredvizhnoi tekhnicheskii kabinet svarechnykh rabot, iz opyta trestsa "Mosorgstol" Glavmosstola. Moskva, Stroiizdat, 1967. 14 p.
- POL'KIN, S. I. [Dressing rare metal ores and placers] Obogashcheniye i rospytat' redkikh metallov. Moskva, "Nedra," 1967. 615 p.
- POLONSKII, G. A. [Mechanical equipment and metal structures of hydraulic systems and their construction] Mekhanicheskoe oborudovanie i metallicheskie konstruktsei gidrotekhnicheskikh sooruzhenii i ikh montazh. Moskva, "Energiya," 1967. 351 p.
- POPOV, A. N., and others. [Production of reinforced-concrete pressure pipes by vibration hydroforming] Proizvodstvo zhelezobetonnykh napornykh trub vibroformirovaniem. Leningrad, Stroiizdat, 1967. 123 p.
- POPOV, L. N. [Quality control in housing construction] Kontrol' kachestva rabot v zhilishchnom stroitel'stve. Izd. 2-e, pererabot. i dop. Moskva, "Vyssh shkola," 1967. 207 p.
- [POSSIBILITIES OF EFFICIENT USE OF AIR, AUTOMOTIVE, AND RAIL TRANSPORTATION IN THE MOVING OF CROPS AND VEGETABLES] Story tsel'esobornogo primeneniya vozdukhonogogo, avtomobil'nogo i zhelezodorozhnogo transporta pri perevozke plodov i ovoshchei. Pod red. V. I. Dmitrieva. Moskva, "Transport," 1967. 62 p.
- [PRINCIPLES OF THE TECHNOLOGY OF COAL MINING WITH THE USE OF FLEXIBLE OVERLAYS] Osnovy tekhnologii razrabotki uglia s primeneniem gibkikh perekrytiy. Moskva, "Nedra," 1967. 228 p.
- [PROBLEMS IN THE PSYCHOLOGY OF ENGINEERING] Problemy inzhenernoi psikhologii. Moskva, "Nauka," 1967. 196 p.
- [PROBLEMS IN THE TECHNOLOGY OF PRINTING] Problemy tekhnologii poligrafii. Pod red. V. S. Laputkhina. Moskva, "Kniga," 1967. 414 p.
- PROKOPOVICH, I. E., I. N. SLEZINGER, and M. V. SITTENBERG. [Calculation of thin elastic cylindrical shells and prismatic folds] Raschet tonkikh uprugikh tsilindricheskikh obolochek i prizmaticheskikh skladok. Kiev, "Budivelnik," 1967. 240 p.
- PSHENICHNOV, G. I. [Free and forced oscillations of a thin resilient cylindrical shell with open cross section] Svobodnye i vyzhuzhdenyye kolebaniya tonkoi uprugoi tsilindricheskoi obolochki otkrytogo profil'na. Moskva, Vychislitel'nyi tsentr AN SSSR, 1967. 98 p. (Trudy Vychislitel'nogo tsentra AN SSSR).
- RAFIENKO, I. I. [Effective methods for liquidating circulation losses in drilling] Effektivnyye metody likvidatsii pogloshchenii pi onyvochnoi zhidkosti pri burochni. Moskva, "Nedra," 1967. 189 p.
- RAKLIN, I. V. [Problems of the economy of the production of plastic products] Voprosy ekonomiki proizvodstva izdelii iz plastmass. Leningrad, 1967. 36 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Plastmassy i ikh primeneniye v prom-sti").
- RAZMADZE, S. H. M. [Converter networks and systems] Preobrazovatel'nyye skhemy i sistemy. Moskva, "Vyssh shkola," 1967. 527 p.
- [REFERENCE DATA ON ELECTRICAL EQUIPMENT] Spravochnyye dannyye po elektrooborudovaniyu. Moskva, "Energiya." T. 3. [General purpose low-voltage equipment] Elektricheskaia apparatura nizkogo napriazheniya obshchego primeneniya. 1967. 280 p.
- RESHETOV, A. A. [There is a factory on the Kama River] Est' na Kame zavod. Izhevsk, "Udmurtiya," 1966. 110 p.
- REZVYKH, K. A. [Calculation of electrostatic fields of high-voltage apparatus] Raschet elektrosticheskikh poley v apparature vysokogo napriazheniya. Moskva, "Energiya," 1967. 119 p.
- ROMASHOV, A. P. [Named after Seigo Ordzhonikidze; Peim Chemical Plant named after Seigo Ordzhonikidze is 50 years old] Imeni Seigo Ordzhonikidze, Permskoma khimicheskomu zavodu imeni Seigo Ordzhonikidze 50 let [Peim]. Perm'skoe kn. izd. 1966. 157 p.
- RUDNEV, I. U. M. [Semiautomatic group die-stamping of sheet-metal parts consecutively by elements] Gruppovaya pul'vavtomaticheskaya poelementnaya slitnypovka listovnykh detal'ei. Leningrad, 1967. 20 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Progressivnoe for mobilizatsionnoye").
- RUMSHIKII, L. Z. [The slide rule] Scheitnaya lineika. Izd. 3-e, pererabot. i dop. Moskva, "Nauka," 1967. 64 p.
- RYZHIKOV, V. M., and A. T. MIGUKIN. [Slings for construction operations, manual for slingers] Stropovka stroitel'nykh guzov, posobie dlia shopal'sheikov. Leningrad, "Stroiizdat," 1967. 72 p.
- SANNIKOV, V. A. [Compound utilization of secondary power resources in the cellulose and paper industry, intensification of thermal processes] Kompleksnoe ispol'zovanie vtorichnykh energoresursov v tsellulozno-bumazhnom proizvodstve; Intensifikatsiya teplovykh protsessov. Moskva, "Lesnaya prom-st'" 1967. 180 p.
- SATARIN, V. I. [Modern cement plants (Processes, equipment, and design features)] Sovremennyye tsementnyye zavody. (Protsessy, oborudovanie i projektiruyemye resheniya). Moskva, Stroiizdat, 1967. 196 p.
- [SEMICONDUCTOR RECTIFIERS] Poluprovodnikovyye vypryimiteli. Pod red. F. I. Kovaleva i G. P. Moskovo. Moskva, "Energiya," 1967. 479 p.
- [SERBO-CROATIAN-RUSSIAN POLYTECHNICAL DICTIONARY. Approximately 37,000 words] Serbsko-khorvatsko-russkii politekhnicheskii slovar'. Okolo 37 000 terminov. Moskva, "Sovetskaya Entsiklopediya"; Belgrad, "Rad." 1967. 574 p.
- SIUNIAEV, Z. I. [Delayed coking of petroleum residues] Zamedennoe koksovaniye nefitnykh oslatkov. Moskva, "Khimiya," 1967. 167 p. (Biblioteka molodo go rabochego).
- SKOBA, N. D. [Rapid horizontal mining, economics and organization] Skorostnoe provedeniye gorizontalnykh gornnykh vyrabotok, ekonomika i organizatsiya. Moskva, "Nedra," 1967. 130 p. (Konkretnaya ekonomika dlia gornnikov).
- SLEZHANOVSKII, O. V. [Reversible d.c. drive] Reverstnyy elektroprivod postoiannogo toka. [Moskva] "Metallurgiya," 1967. 422 p.
- SLUTSKAYA, V. V. [Thin films in microwave engineering] Tonkie plenki v tekhnike sverkhvysokikh chnostot. [2-e izd., pererabot. i dop.] Moskva, "Sov. radio," 1967. 456 p.
- SMEKHOV, D. M. [Billions for construction work] Miliardy na stroitel'stvo. Moskva, "Statistika," 1967. 59 p. (Statistika dlia vseh).
- SOLOVEICHIK, P. M. [Automatic pipe rolling mills, basic hot rolling equipment] Truboprolatnyye agregaty s avtomat-stanom; osnovnoye protkatnoye oborudovanie gorlachehoperedela. Moskva, "Metallurgiya," 1967. 158 p.

VASIL'EV, V. V. [Economic efficiency of introducing plastic parts in machine manufacture in connection with the use of precision norms] Ekonomicheskaya effektivnost' i ucheniya detalei iz plastmass v mashinostroeni v svyazi s ispol'zovaniem norm tochnosti. Leningrad, 1967. 19 p. (Leningradskaya nauka i tekhnika. Seriya "Plastmassy i ikh primeneniye v prom-sti")

VASIL'TSOV, A. M., and D. M. GUMBURG [Manual on maintenance of semiautomatic blocking and mechanical centralization] Posobie po tekhnicheskomu soderzhaniju poluavtomaticheskoi blokirovki i mekhanicheskoi tsentralizatsii. Moskva, "Transport," 1967. 280 p.

VASYL'EV, V. I. [Extremal control systems without search oscillations] Ekstremal'ni sistemy upravleniya bez poshukovykh kolyban'. Kyiv, "Tekhnika," 1966. 177 p.

VISHNIKOV, A. E. [Standard apparatus for electric prospecting] Tipovaya elektricheskaya apparatura. Leningrad, "Nedra," 1967. 278 p.

VLASOV, G. D., V. A. KULIKOV, and S. V. RODIONOV [Technology of the woodworking industry] Tekhnologiya derevoobrabatyvayushchikh proizvodstv. Izd. 2, perer. i dop. Moskva, "Lesnaya prom-st'," 1967. 502 p.

VOLKOV, A. T. [Repair of motor scooters] Remont motorolletov. Izd. 2, pererab. i dop. Moskva, "Mashinostroenie," 1967. 289 p.

VORONIN, G. I., and A. I. POLIVODA [Helping cosmic ship crews to survive] Zhizneobespechenie ekipazhei kosmicheskikh korabli. Moskva, "Mashinostroenie," 1967. 210 p.

VOZDVIZHIENSKII, B. I., and others [Fundamentals of boring in mining] Osnovy gornobuorovogo dela. Pod red. N. I. Kulchikhina. Moskva, "Nedra," 1967. 287 p.

[WAYS OF DEVELOPING TECHNOLOGY IN THE U.S.S.R.] Puti razvitiya tekhniki v SSSR. Moskva, "Nauka," 1967. 275 p. (Sovetskaya nauka i tekhnika za 50 let)

[WAYS TO CONSOLIDATE BUSINESS ACCOUNTING IN THE TEXTILE INDUSTRY] Puti ukrepleniya khozrascheta v tekstil'noi promyshlennosti. Moskva, "Legkaya industriya," 1967. 274 p.

ZABLONSKII, K. I. [Rigidity of gearings] Zheskost' zubchatykh peredach. [Kiev, "Tekhnika," 1967] 257 p.

ZHUKOV, P. S. [Hotel management] Eksploatatsiya gostinits. Moskva, Stroizdat, 1967. 195 p.

ZILBERMAN, G. M., and V. G. SAL'NIKOV. [Using radioelectronic equipment in overall determination of the machinability of metals] Kompleksnoe opredeleniye obrabatyvaemosti metallov s primeneniem radioelektronnoi apparatury. Perm', 1966. 159 p.

ZNAMENSKII, N. N. [Polymer materials in industry] Polimernye materialy v prom-sti. Izd. 2-o, ispr. i dop. Moskva, "Prom-st'," 1967. 246 p.

ZYBIN, V. P. [Machine parts] Detali. 1966. 299 p.

17. MILITARY & NAVAL SCIENCE

BELOKON', A. P., and V. I. KATKINA [Provisions for machine and motorized rifle (tank) battalions] Pishchenie i kocheniya dlya mashinnoy i tankovoy batal'ona. Moskva, "Voen.-izd." 161 p.

BIRIKOV, G. F., and G. V. MELNIKOVA [Tanks] Borbu s tankami. Moskva, "Voen.-izd." 102 p.

CHERNIEV, I. I. [A B C of naval engineering] A B C vozhdeniya. Moskva, "Transport," 1967. 102 p.

LIASHCHENKO, N. [The 23rd Congress of the CPSU on the further strengthening of the friendship and cooperation between the peoples of the Soviet Union and the peoples of the other countries of the world] XXIII s'ezd KPSS na dal'sheye ukrepleniye oboimupribliuzheniya i sotsializma. Tashkent, "Ishqorobek," 1967. 14 p. (Na strazhe Rodiny).

MERENOV, I. V., and A. G. KONDRATENKO [The effect of air defense measures on the efficiency of air transport] Vliyaniye posledstviy aviaoborony na effektivnost' sputa, "1967. 175 p.

NELEPIN, R. A. [Precision analysis of the theory of nonlinear automatic systems of automatic control systems for the control of the motion of objects in a system, a primeram i primeneniya] Teoriya i primeneniye teorii nelineynykh avtomaticheskikh metodov v teorii nelineynykh avtomaticheskikh sistem, a primeram i primeneniya. Leningrad, "Sudostroenie," 1967. 146 p.

PAVLOV, A. A. [Radio navigation at sea] Radiosvyez na more. Moskva, "Transport," 1967. 112 p.

PROSTAKOV, A. L. [Hydroacoustic search for submarines] Gidroakusticheskiy poisk podvodnykh korabli, po materialam zhurnalov "Voen.-izd." i "Sudostroenie," 1967. 200 p.

RIABININ, I. A. [Principles of the theory of marine electric power systems] Printsipy teorii morskikh elektricheskikh sistem. Leningrad, "Sudostroenie," 1967. 102 p.

RYZHOV, L. M., and N. I. SOLOV'YEV [The theory of river boats and convoys] Teoriya rekovykh sudov i sostavov. Moskva, "Transport," 1967. 102 p.

[WHERE TO BEGIN? Thinking aloud] Gde nachat' mysli? Moskva, gaz. "Krasnaya zvezda," 1967. 32 p. (R-chka "Krasnaya zvezda," 1967. 32 p.)

[The theory of the control of the motion of objects in a system, a primeram i primeneniya] Teoriya i primeneniye teorii nelineynykh avtomaticheskikh metodov v teorii nelineynykh avtomaticheskikh sistem, a primeram i primeneniya. Leningrad, "Sudostroenie," 1967. 146 p.

[The theory of the control of the motion of objects in a system, a primeram i primeneniya] Teoriya i primeneniye teorii nelineynykh avtomaticheskikh metodov v teorii nelineynykh avtomaticheskikh sistem, a primeram i primeneniya. Leningrad, "Sudostroenie," 1967. 146 p.

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[The theory of the control of the motion of objects in a system, a primeram i primeneniya] Teoriya i primeneniye teorii nelineynykh avtomaticheskikh metodov v teorii nelineynykh avtomaticheskikh sistem, a primeram i primeneniya. Leningrad, "Sudostroenie," 1967. 146 p.

[The theory of the control of the motion of objects in a system, a primeram i primeneniya] Teoriya i primeneniye teorii nelineynykh avtomaticheskikh metodov v teorii nelineynykh avtomaticheskikh sistem, a primeram i primeneniya. Leningrad, "Sudostroenie," 1967. 146 p.

[The theory of the control of the motion of objects in a system, a primeram i primeneniya] Teoriya i primeneniye teorii nelineynykh avtomaticheskikh metodov v teorii nelineynykh avtomaticheskikh sistem, a primeram i primeneniya. Leningrad, "Sudostroenie," 1967. 146 p.

[The theory of the control of the motion of objects in a system, a primeram i primeneniya] Teoriya i primeneniye teorii nelineynykh avtomaticheskikh metodov v teorii nelineynykh avtomaticheskikh sistem, a primeram i primeneniya. Leningrad, "Sudostroenie," 1967. 146 p.

[The theory of the control of the motion of objects in a system, a primeram i primeneniya] Teoriya i primeneniye teorii nelineynykh avtomaticheskikh metodov v teorii nelineynykh avtomaticheskikh sistem, a primeram i primeneniya. Leningrad, "Sudostroenie," 1967. 146 p.

[The theory of the control of the motion of objects in a system, a primeram i primeneniya] Teoriya i primeneniye teorii nelineynykh avtomaticheskikh metodov v teorii nelineynykh avtomaticheskikh sistem, a primeram i primeneniya. Leningrad, "Sudostroenie," 1967. 146 p.

[The theory of the control of the motion of objects in a system, a primeram i primeneniya] Teoriya i primeneniye teorii nelineynykh avtomaticheskikh metodov v teorii nelineynykh avtomaticheskikh sistem, a primeram i primeneniya. Leningrad, "Sudostroenie," 1967. 146 p.

[The theory of the control of the motion of objects in a system, a primeram i primeneniya] Teoriya i primeneniye teorii nelineynykh avtomaticheskikh metodov v teorii nelineynykh avtomaticheskikh sistem, a primeram i primeneniya. Leningrad, "Sudostroenie," 1967. 146 p.

[The theory of the control of the motion of objects in a system, a primeram i primeneniya] Teoriya i primeneniye teorii nelineynykh avtomaticheskikh metodov v teorii nelineynykh avtomaticheskikh sistem, a primeram i primeneniya. Leningrad, "Sudostroenie," 1967. 146 p.

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- MOSCOW. GORODSKOI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW CITY PEDAGOGICAL INSTITUTE Studies] No 218, 1964
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 Filippovich, I. U. B., Bungova, V. G. - Synthesis and decomposition of amino acids in the organism of silkworm during spinning of cocoon and metamorphosis, p. 113.
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SARANSK MORDOVSKII GOSUDARSTVENNYI UNIVERSITET, Uchenye zapiski [MORDVIN STATE UNIVERSITY Studies] No. 31, 1963
 Table of contents translated:
 Kartashov, V. A. - Relationship between certain problems of the theory of elasticity, p. 5.
 Selukov, V. M. - Crack formation and rigidity of reinforced concrete girders during a repeated load, p. 13.
 Duraev, A. E. - Investigating the stresses in a model of a support joint of a reinforced concrete frame by the polarization optical method, p. 32.
 Taran, L. A. - Technical and economic indices of various methods used in the production of reinforced concrete pipes and shaped sections, p. 37.
 Kartashov, V. A. - Calculating the compressed elements of an oblique-angled cross section, p. 51.
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 Artytov, L. G. - Pile supports of heating systems, p. 75.
 Liupaev, B. M. - Estimating the rigidity and crack resistance of prestressed reinforced concrete trusses, p. 84.
 Kartashov, V. A. - Analogy between the calculation of straight and curved beams, p. 88.
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 Selukov, V. M. - First results from testing the existing proposals in calculating the strength of reinforced concrete elements in bending, p. 99.
 Taran, L. A. - Some investigations of the production of reinforced concrete shaped sections of pipelines, p. 107.
VOLOGDA GOSUDARSTVENNYI UNIVERSITET, Uchenye zapiski [VLADESKII INSTITUTE Studies] No. 31, 1967
 Table of contents translated:
 Gura, V. V. - The Soviet Revolution and its problems of its theory, p. 3.
 Solterinskii, E. E. - Lyubimovskii place in A. S. Pushkin's novel "Eugene Onegin", p. 57.
 Gura, I. V. - A. I. Kupchuk's tale "The problem of the author's literary work", p. 64.
 Pudovgor'skii, V. K. - Originality of the stories published in the 1930's, p. 11.
 Shaitanov, O. V. - Louis Aragon's "L'Épave", an epic novel, p. 135.
 Kleitoni, I. K. - Formal literary characteristics of Saint-Exupéry's "Terre des hommes", p. 182.
 Vavilova, M. A. - History of the "Fairy Tale" of the fairy tale about the priest and the girl, p. 182.
b. POPULAR MAGAZINES
AZIYA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY] Issued by Institut narodov Azii i Afriki (Institute of Peoples of Asia and Africa) of the Academy of Sciences of the USSR [Institute of the Peoples of the USSR, Moscow, Vol. 11, No. 42, 1967]
 Table of contents translated:
 The Great October Revolution in the eyes of the people, p. 2.
 Lokshin, G. - Militant program of the new people's patriots, p. 4.
 Rybakov, V. - In whose interest? p. 8.
 Manchuk, P. - Guinea will not be a colony, p. 10.
 Zabitov, B. - The CIA in the Near East, p. 24.
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 Abdul Aziz Ahmed Mukoyel - Southern Africa liberated, p. 22.
 Vorbitskii, S. - Many-faced Singapore, p. 24.
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 Khlynov, V. - Year of revolution, p. 40.
 Demin, L. - A bloody wedding, p. 40.
 Gafurov, B. - The East, history, p. 42.
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 Vol'nov, I. - Tourism is the path of the future, p. 53.
 Chen, E. - Messenger of Victory, p. 54.
BIAROZKA [THE LITTLE HERON] Issued by Komitet Leninskaya komunisticheskaya partiya Belorusskoi Respubliki (Committee of the Communist Party of the Belorussian Republic) [Central Committee of the White Russian Communist Youth League of the Republic of Belarus, Minsk, Vol. 11, No. 43, No. 12, Dec. 1967, p. 12].
DADZIS [THISTLE], Rigai, no. 21, 1967, p. 12 [In Latvian]
DRAUGS [FRIEND] Issued by Latvian People's Front [Latvian People's Front] [Central Committee of the League of the Youth League of Latvia and the Republic of Latvia, Riga, No. 1, 1967, p. 12].
FENIKS [PHOENIX] Issued by Tavarištvo studentov i molodoi im. M. Mikheyevskogo (Fellowship of Students and Youth in the Name of M. Mikheyevskii) [Central Committee of the Ukrainian Students Association, Kyiv, Vol. 10, No. 12, 1964].
KAPKAN [THE TRAP], Cheboksary, No. 1, 1967, Jan. 1968, [In Chuvash]
KHORPUSHTAK [HEDGEHOG], Dushanbe, No. 33, 1967 (343-344), Dec. 1967, [In Tajik]
KITAI [CHINA], Published by Izdatel'stvo inostrannykh yazykov [Publishing House of Foreign Languages], Peking, No. 6, 1967.
KOSTER [CAMPFIRE], Issued by Tsentrallyi vysshego leninskogo komunisticheskogo molodezhi (Central Committee of the All-Union Youth League of the USSR), Moscow, No. 1, 1967, p. 12.

KROKODIL [CROCODILE] Issued by gazeta [Newspaper] "Pravda" Moscow, no 36, Dec. 1967, nos 1-6, Jan - Feb 1968

KRYLATI [THE WINGED ONES] Issued by Tsentral'na uprava SUM [Central Committee of the Ukrainian Youth Association] New York, vol. 5, no 10, 1967

KUBA [CUBA] Havana and Moscow, no 11/27, Nov 1966

KUL'TURA I ZHIZN' [CULTURE AND LIFE] Issued by Sojuz sovet'skikh obshchestv družby i kul'turnoi svyazi s zarubezhnymi stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries], Moscow, vol 11, no 12, 1967.

KULTUUR JA ELU [CULTURE AND LIFE]. Issued by Eesti NSV Kultuuriministeerium and Eesti NSV Ameerikahingliku Nookogu [Ministry of Culture of the Estonian S.S.R. and the Council of Trade Unions of the Estonian S.S.R.] Tallinn, vol. 10, no 12, Dec 1967, vol 11, no 1, Jan 1968 [In Estonian]

LIESMA [FLAME]. Issued by Latvijas LKJS Centālā komiteja [Central Committee of the Latvian Communist Youth League of Latvia], Riga, no 1 (118), Jan. 1968

NOORUS [YOUTH]. Issued by Eestimaa Leninliku Kommunistliku Noorühingu Keskkomitee [Central Committee of the Lenin Communist Youth League of Estonia] Tallinn, vol. 23, no 1 (255), Jan 1968.

OCONEK [THE LITTLE LIGHT]. Moscow, vol. 46, nos 3-8, 16 (2116-2121, 2123), Jan.-Mar 1968.

PERETS' [PEPPER] Issued by Vydavnytstvo [Publishing House] "Radnians'ka Ukraina." Kiev, vol 41, nos 22-24 (776-778), Nov -Dec. 1967, vol 42, nos 1-2 (779-780), Jan 1968.

PIONER [PIONEER]. Issued by the Central Committee of the Turkmenistan Communist Youth League of Lenin. Ashkhabad, nos. 10, 12, Oct -Dec 1967

PIONER [PIONEER]. Issued by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo sojuza molodezhi and Tsentral'nyi sovet Vsesoluznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers] Moscow, vol. 45, no 1, Jan. 1968

POL'SHA [POLAND]. Warsaw, no. 1 (161), 1968.

RANOK [MORNING] Issued by TsK LKSM Ukrainy [Central Committee of the Lenin Communist Youth League of the Ukraine]. Kiev, vol. 15, nos 11-12 (175-176) Nov.-Dec. 1967; vol 15 [i.e. 10] no 1 (177), Jan. 1968

RODNYE DALI [BELOVED VISTAS] Hollywood, Calif., vol. 14, nos 167-168, Feb -Mar 1968

ROVESNIK [CONTEMPORARY]. Issued by TsK VLKSM and Komitet molodezhnykh organizatsii SSSR [Central Committee of the All-Union Communist Youth League of Lenin and the Committee of Youth Organizations of the U.S.S.R.], Moscow, vol. 6, no 2 (68), Feb 1968.

SEL'SKAIA MOLODEZH' [RURAL YOUTH] Issued by TsK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin], Moscow, no. 1, Jan 1968.

SHMEL' [BUMBLEBEE]. Alma-Ata, vol. 12, no. 12, Dec 1967, vol. 12 [i.e. 13], no. 1, Jan. 1968.

SKYNTAIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, vol. 37, no. 12, Dec. 1967. [In Moldavian]

SLUOTA [THE BROOM]. Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 23-24 (318-319), Dec. 1967, nos 1-2 (320-321), Jan. 1968. [In Lithuanian]

SOCIASIE [CONCORD]. Los Angeles, Calif., vol. 17, no. 198, Mar. 1968.

SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]. Organ of Ministerstvo kul'tury URSR [Ministry of Culture of the Ukrainian S.S.R.], Kiev, no. 1, Jan. 1968.

SOVETSKII SOIUZ [SOVIET UNION]. Moscow, nos. 2-3 (216-217), 1968.

SOVREMENNAAI MONGOLIIA [CONTEMPORARY MONGOLIA] Ulan Bator, vol 12, nos 1-2 (120-121), Jan - Feb. 1968.

SVYTURY [THE LIGHTHOUSE] Vilnius, vol. 19, nos 23-24 (455-456), Dec 1967, vol 19, nos 1-2 (457-458), Jan 1968

TURIST [TOURIST] Issued by VTsSPS [All-Union Central Council of Trade Unions] Moscow, vol 2, no. 12, 1967, vol 3, no 1, 1968

UKRAINA [THE UKRAINE] Published by Vydavnytstvo "Radnians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol 28, nos 1-5 (571-577), Jan. - Feb. 1968.

URAL'SKII SLEDOPYT [URAL PATIFINDER] Issued by Sverdlovskoe otdelenie Sojuza pisatelei and Sverdlovskoe promyshlennyy sel'skii obkomy VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Industrial and Agricultural Committees of the All-Union Communist Youth League of Lenin]. Sverdlovsk, vol. 10, no 12, Dec. 1967.

VESELKA THE RAINBOW. Published by Ukrainian National Association. Jersey City, vol 15, no 1 (161), Jan 1968

V'ETNAM [VIETNAM]. Hanoi, Vietnam, nos. 10-11 (121-122), 1967

VOZHATYI [PIONEER GUIDE] Published by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo sojuza molodezhi and Tsentral'nyi sovet Vsesoluznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 44 [i.e. 45], no. 2, Feb 1968.

VOZYK [HEDGEHOG] Minsk, vol 28, no 1 (871), Jan. 1968.

VSESVIT, THE WORLD. Issued by Spilka pys'mennykh Ukrainy and Ukrain's'ke tovarystvo družby i kul'turnoho sv'yazku z zarubizhnyimi krajinamy [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 11, no 1 (115), Jan 1968.

VYZVOL'NYI SHLIKH [LIBERATION PATH]. London, vol. 20, nos. 11/12 (236-7), Nov.-Dec. 1967; vol 21, nos. 1-2 (238-239), Jan -Feb. 1968.

ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vserossiiskoe obshchestvo glukhih [All-Russian Society of the Deaf]. Moscow, vol. 21, nos. 1-2, Jan. -Feb. 1968.

ZHIZN' SLEPKYKH [LIFE OF THE BLIND]. Organ of Vserossiiskoe obshchestvo slepykh [All-Russian Society of the Blind]. Moscow, vol. 44, no. 12, Dec 1967

ZVAIGZNE [THE STAR] Riga, vol. 18, nos. 1-4 (419-422), Jan -Feb 1968

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoluznaya knizhnaya palata [All-Union Book Chamber]. Moscow, nos. 1-11, 1968 Vspomogatel'nyi ukazatel' k nos. 40-52, 1967.

Dopolnitel'nyi vypusk [Supplementary Issue]. No 11, 1967. Vspomogatel'nyi ukazatel' k nos. 7-9, 1967.

LATVIJAS PSR PRESES HRONIKA. LETOPIS' PECHATI LATVIJSKOJ SSR [CHRONICLE OF PUBLICATIONS OF THE LATVIAN S.S.R.]. Issued by Latvijas PSR gramatu palata [Book Chamber of the Latvian S.S.R.]. Riga, no. 10, Oct. 1967.

NAUJOS KNYGOS [NEW BOOKS] Vilnius, nos. 10-12 (58-60), Oct -Dec. 1967.

V MIRE KNIG [IN THE WORLD OF BOOKS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po pechati [State Committee of the Council of Ministers of the U.S.S.R. for Printing]. Moscow, vol. 7, no. 11, 1967.

Table of contents translated:
The Soviet reader, p. 1.

Berkov, P. - Lenin and books, p. 2.

Kashirin, S. - Prepared to meet all storms, p. 8.

Lukina, E. - The way to the heart, p. 8.
Bekov, F. - "The hypocrite," p. 10.
Books published for the anniversary, p. 12.
Likhenshtein, E. - Effect of the October Revolution Revolution, p. 15.
Bilenkin, D. - Thoughts on science fiction, p. 16.
Ishlineki, A. - Mechanics of the U.S.S.R., p. 20.
Moskalenko, N. - I like books, p. 22.
Kalkov, N. - Visiting Pina Angelina's fellow countrymen, p. 24.
Bugio, T. - The peasants, p. 25.

Prozhenishchikova, G. - Books make me happy, p. 26.
Biriukov, F. - The epoch, the reader, and the author, p. 27.
Evgrafov, K. - Generosity, p. 30.
Astafev, V. - A dear friend, p. 32.
A void from the cradle, p. 33.
Entin, B. - I want to imitate, p. 36.
Always within reach, p. 38.
Korobov, L. - Stories of partisans, p. 40.
Osipov, M. - A city where everybody reads, p. 42.
Anin, B. - Cooperation, p. 44.
Publishing of books during half a century, p. 46.
Facts, finds, and information, p. 46.

Vol. 7, no. 12, 1967.

Table of contents translated

Baltanov, R. - The union between the mind and book, p. 2.
Kovalev, A., Gusatinskii, M. - They stirred up the world, p. 4.
Prokudnikov, V. - Nothing is forgotten, p. 5.
Bilnov, N. - Sociology and life, p. 6.
Lapunov, B. - Prognostication, what is it? p. 9.
Glukhov, A. - Ivan Efremov, p. 10.
Inozentsev, I. - "New Robinsons," p. 12.
Serebriakov, G. - Great deed of a worker, p. 15.
"A mark of long lasting happiness," p. 16.
Merkulov, A. - "America, is it really businesslike," p. 17.
I am a miner, p. 18.
Skorospelova, E. - Following guerilla paths, p. 19.
"The past passes before me," p. 20.
Lavrov, T. - Permission for doubt, p. 22.
Azarov, V. - Summer lightnings, p. 24.
Bozakov, N. - Sleepiness, p. 24.
Mikheev, A. - Freshness, p. 24.
Reznikov, L. - Yuri Linnik's first book "Prelude," p. 25.
Lebedev, P. - Proverbs in battles, p. 26.
Solov'ev, G. - From Lenin's treasure house, p. 28.
Kaipov, E. - A friend and teacher, p. 29.
Bakumenko, V. - A musician about paintings, p. 30.
Kachevskaya, Z. - Culture of old Russia, p. 31.
Filipovskii, N. - The road of art, p. 32.
Kalkov, V. - A master of graphic arts, p. 32.
Lebedeva T. - Deep roots, p. 33.
Altman, M. - "Societies" of names, p. 35.
Artem'eva, S. - Visiting Glatsintova, p. 36.
Zakharchenko, V. - Participation in a miracle, p. 38.
Sukhanovskii, L. - Train your memory, p. 39.
Books about books, p. 40.
Belousova, A. - The first library of Chuvashia, p. 42.
Facts, finds, and information, p. 42.
Lazarin, F. - School for bookbinders, p. 44.

b LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKI SSSR [LIBRARIES OF THE U.S.S.R.]

Issued by Gosudarstvennaya biblioteka SSSR imeni V. I. Lenina [Lenin State Library of the U.S.S.R.], Moscow, no. 33, 1968.

Table of contents translated:

Gorsh, E. A. - Mass work of Soviet libraries during the restoration of the national economy, 1921-1925, p. 3.
Khalafov, A. A. - Library service in Soviet Azerbaijan in 1920-1925, p. 16.
Mkrtchian, G. G. - The development of library service in the Armenian S.S.R., p. 20.
Anniversary news, p. 45.
Ambartsumian, Z. N. - Problems of Soviet library classification, p. 57.
Tarasjuk, D. A., Fomin, O. B. - New tables of the Library and Bibliographic Classification in the divisions of history and law, p. 67.
Kuznetsova, S. I. - Experience in the information services in the field of social sciences, p. 76.
Kirillova, V. V. - Spreading information about patents among the personnel of industrial enterprises, p. 83.
Trubneva, I. V. - Some problems of library services for the population of the Far North, p. 90.
Kirillov, I. M. - Experience in the organizational and methodological direction of regional libraries in provinces, p. 104.
Abgaforova A. I. - Subject planning of library work and the bibliography of recommended publications, p. 115.
Dobrynina, N. A. - An important part of the systematic propagation of Russian fiction, p. 121.
New developments in library science, p. 139.

No. 31, 1967.

- Table of contents translated
- Shazhko, I. V., Mints, S. I. - Achievements in the development of library services in the Ukrainian S. S. R. p. 3.
- Orlov, E. O. - Library work in Soviet Turkmenistan. p. 20
- Abdumov, K. I. - Answers to V. I. Lenin's letter "To the People's Commissariat of Education", February 1919. p. 30
- Gudkov, N. N. - The first decree of the Soviet government on library work. p. 41.
- Maitynov, I. F. - Books and the revolution; some documents on the development of library services and preservation of book collections in the first years of Soviet rule. p. 49.
- Burlakova, T. P., Litasova, A. T., Luina, T. G. - Practice in spreading information on sociopolitical literature, the field of Humanities of the V. I. Lenin State Library of the U. S. S. R. p. 55.
- Fumin, I. M. - Present problems of library statistics. p. 71.
- Zulova, R. Z. - Problems in library services for the city population. p. 85.
- Vilkiene, V. - Paths of the development of the network of state rural libraries in the Lithuanian S. S. R. p. 100.
- Abrkosova, F. S. - The changeover to the library and bibliographic classification, an important condition for improving library work. p. 108.
- Tezhkova, C. A., Kagan, A. B. - Experience in the changeover of the divisions of the classified catalog to the new classification scheme. p. 116.
- Sociological studies in library work. p. 124.
- Dmitrieva, N. A., Zemskova, S. V., Ivanova, Z. G. - Studying the demands of biologists for literature in their field, from the work experience of the scientific reading room of the V. I. Lenin State Library of the U. S. S. R. p. 133.
- New developments in library science. p. 147.

No. 36, 1967.

- Table of contents translated:
- Lenin's program of library services for the public. p. 3.
- Abramov, K. I. - The first measures taken by the Soviet Government in the field of library work. p. 14.
- Volkova, S. I. - Decision of the Central Executive Committee of the U. S. S. R. "Library work in the U. S. S. R." (1934) and importance of its development. p. 35.
- Chubut'lan, O. S. - State libraries of the Union Republics. p. 51.
- Karatygina, T. F. - Technical libraries of the U. S. S. R. p. 87.
- Bachalidin, B. N. - Library network of the Academy of Sciences of the U. S. S. R. p. 103.
- Polubolarinov, M. M. - Library work of the U. S. S. R. in figures. p. 120.
- Ambarsumian, Z. N. - Problems of catalogs in Soviet library science. p. 166.
- New books. p. 187.

BIBLIOTEKOVEDENIE I BIBLIOGRAFIJA ZA RUBEZHOM [LIBRARY SCIENCE AND BIBLIOGRAPHY ABROAD]. Issued by Gosudarstvennaya biblioteka SSSR imeni V. I. Lenina [Lenin State Library of the U. S. S. R.]. Moscow, no. 22, 1967. Materials of a conference on the subject "Present-day problems of foreign bibliography and scientific and technical information". July 2, 1966.

- Table of contents translated:
- Teplov, D. R. - Some problems concerning the theoretical development of foreign bibliography abroad. p. 5.
- Barauk, A. I. - Methodological problems of bibliography in the works of the bibliographers of the German Democratic Republic and the German Federal Republic. p. 37.
- Spivakovskii, E. I. - Some pseudoscientific methods in the bourgeois bibliography of the history of the Second World War. p. 58.
- Os'kina, V. N. - The role and the place of a scientific library in the system of information services; based on the materials of the Anglo-American Library press. p. 83.
- Ambarsumian, V. A. - Library catalogs as a source of information. p. 180.

c. PRINTING & THE BOOK TRADE

KNIGA, Issledovaniia i materialy [THE BOOK: Studies and Papers]. Issued by Vsesoiuznaia knizhnnaia palata [All-Union Book Chamber]. Moscow, no. 14, 1967.

- Table of contents translated:
- Markus, V. A. - Business accounting in publishing houses and the last decisions of the Communist Party of the U. S. S. R. p. 5.

- Platova, M. L. - Ways of improving the commercial activity of scientific and technical publishing houses. p. 19.
- Brelburg, S. M. - Factual errors in fiction and the role of editors in their elimination. p. 27.
- Alckseev, V. F. - Publishing and editing local history studies, comprehensive historical study of a town as a type of publication. p. 51.
- V. G. Korolenko's letters on editing, submitted by A. P. Tolstakov. p. 73.
- Zhukovskii, A. I., Bulko, A. N. - 450 years of White Russian printing. p. 104.
- Mylnikov, A. S. - Where and when did Slavic printing begin, introduction of the problem. p. 121.
- Kamenova, T. N. - The unknown edition of a book published in Moscow in the 19th century. p. 133.
- Borovoi, S. I. A. - Books in Odessa in the first half of the 19th century. p. 145.
- Malykhin, N. G. - P. P. Solkin's publishing activity, from the history of the publication of educational and Marxist literature. p. 160.
- Shomrskova, I. A. - The "Vsesoiuznaia literatura" Publishing House, 1918-1924. p. 175.
- Fortinskii, S. P. - Publishing marks. p. 184.
- Reiser, S. A. - N. G. Chernyshevskii's illegal leaflet "To the Landlords' peasants", historiography and bibliography. p. 206.
- Esin, B. I. - Through the impediments of censorship, devoted to the centenary of the publication of the first issue of the periodical "Delo." p. 236.
- Babenbum, I. E. - Pavel Naumovich Berkov as a bibliologist, on his 70th birthday. p. 241.
- Shkolskii, N. M. - On the 60th birthday of Professor A. V. Zapadov. p. 248.

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravlenie Soluzpechat' Ministerstva svyazi SSSR [Main Administration for the Distribution of Printed Matter of the Ministry of Communications of the U. S. S. R.]. Moscow, no. 12, Dec. 1967.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY]. Issued by Akademii pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. S. R.]. Moscow, vol. 13, no. 5, Sep.-Oct. 1967.

- Table of contents translated:
- Building of communism and scientific psychology. p. 3.
- Smirnov, A. A. - 50 years of Soviet psychology. p. 13.
- Shorokhova, E. V. - Theoretical problems of psychology in S. L. Rubinshtein's works. p. 38.
- Bozhovitch, L. I., Slavitski, L. S. - Soviet educational psychology during 50 years. p. 51.
- Menchinskaya, N. A. - 50 years of Soviet psychology of teaching. p. 71.
- Nikol'skaya, A. A. - Problems of the development of thinking in P. P. Blonskii's works. p. 89.
- Khomskaia, E. D. - Neuropsychology, a new branch of the science of psychology. p. 103.
- Boiko, E. I. - 50 years of Soviet psychophysiology. p. 114.
- Bogoslovskii, A. I. - Problems of vision in the works of Soviet psychologists and physiologists. p. 124.
- Kotelova, N. V. - History of Soviet labor psychology. p. 139.
- Bozalev, A. A. - Contribution of psychologists of the City of Lenin on the development of Soviet psychology. p. 140.
- Venger, L. A., Zaporozhets, A. V., Zinchenko, V. P. - Problems of the psychology of perception in the 8th International Psychological Congress. p. 159.
- Shif, Zh. I., Petrova, V. G. - Special psychology on the 5th Anniversary Scientific Session on Defectology. p. 175.
- Nazimov, I. N. - Man and his occupation. p. 183.

b. RELIGION

HOLOS SPASYTELIA REDEEMER'S VOICE. Issued by Ottsi Redemptorysty [Redemptorist Fathers]. Yorkton, Canada, vol. 40, no. 1, Jan. 1968.

LIUDYNA I SVIT [MAN AND THE WORLD]. Issued by Tovarystvo "Znannia" Ukrainy [Knowledge] Society of the Ukrainian S. S. R.]. Kiev, vol. 8, no. 2 (89), 1968.

RIDNA TSERKVA [OUR BELOVED CHURCH]. Issued by Bohoslovsko-naukovyi Instytut Ukrainy [Theological Institute of the Ukrainian Autocephalous Orthodox Church Abroad]. Munich, vol. 17, no. 73, Jan. - Mar. 1968.

SVITLO THE LIGHT. Issued by OO Vasyliv [Orthodox Fathers]. Toronto, vol. 31, no. 2 (54), Feb. 1968.

TSERKOVNIY VESTNIK [CHURCH HERALD]. Issued by Pravoslavnii tserkov' v Pol'she [Orthodox Church in Poland]. Warsaw, vol. 14, nos. 10-11, Oct. - Nov. 1967.

UKRAINS'KE PRAVOSLAVNE SLOVO. UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Church of the United States of America. New York, vol. 19, no. 3, Mar. 1968.

VECHNOE [THE ETERNAL]. Paris, no. 11 (43), Nov. 1967.

4. HISTORY

a. GENERAL

AKADEMIIA NAUK SSSR, Institut istorii [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of History. Review of Ancient History]. Moscow, no. 2 (100), Apr. - June 1967.

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ISTORIA SSSR [HISTORY OF THE U. S. S. R.]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 4, July-Aug. 1967.

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- ISTORIKO-FILOLOGICHESKII SBOENIK [HISTORICAL AND PHILOLOGICAL PAPERS]** Issued by Komitet Akademii nauk SSSR [Committee of the Academy of Sciences of the U.S.S.R.]. Sytytykai, no. 10, 1966
- Contents: Sorvacheva, V. A., Sakharova, M. A., Gullae, E. S. [The Upper Vyehgeda dialect of the Komii language] Verkhnevyehgedskii dialekt komiiazyka 252 p.
- KALENDAR' ZNAMENATEL'NYKH I PAMIAT'NYKH DAT [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES]** Issued by Izdatel'stvo "Sovetskaya Rossiya" and Gosudarstvennaya publikatsionnaya istoricheskaya biblioteka RSFSR [Soviet Russia] Publishing House and the State Public Historical Library of the R. S. F. S. R. Moscow, vol. 13, no. 1, Feb 1968
- NAHODY AZII I AFRIKI, istoriya, ekonomika, kul'tura [PEOPLES OF ASIA AND AFRICA, History, Economics, Culture]** Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U. S. S. R.], Moscow, no. 6, 1967.
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- RIGA UNIVERSITATE Zinatniskie raksti Uchenye zapiski Latvitskogo gosudarstvennogo universiteta [UNIVERSITY STUDIES]** Vol. 82, 1967. Vestures Zinatnes, Istoricheskie nauki [Historical Sciences], no. 5
- SOVETSKOE SLAVIANOVEDENIE [SOVIET SLAVIC STUDIES]** Issued by Institut slavianovedeniia Akademii nauk SSSR [Institute of Slavic Studies of the Academy of Sciences of the U. S. S. R.], Moscow, no. 5, 1967.
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- Table of contents translated:
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- FINSKII TORGOVYI ZHURNAL [FINNISH COMMERCIAL JOURNAL]** Issued by Soluz finskoi vneshnei torgovoi palati [Bulgarian Foreign Trade and of the Finnish-Soviet Chamber of Commerce] Helsinki, no. 52, 1967
- SOVETSKAIA POTREBITEL'SKAIA KOOPERATSIIA [SOVIET CONSUMER COOPERATION]** Issued by Tsentral'nyi soluz potrebitel'skikh obshchestv SSSR [Central Union of Consumer Societies of the U.S.S.R.] Moscow, vol. 11, no. 11, Nov. 1967.
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- Table of contents translated
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MATERIAL'NO-TEKHNIЧЕСКОЕ СНАБЖЕНИЕ [SUPPLY OF MATERIALS AND EQUIPMENT] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po material'no-tekhnicheskomu snabzheniu [State Committee of the Council of Ministers of the U.S.S.R. for the Supply of Materials and Equipment] Moscow, vol 2, no 10, Oct 1967.

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- MOSCOW, UNIVERSITET. Vestnik Seriya 7: Ekonomika [UNIVERSITY Review Series 7: Economics]** Vol 22, no. 6, Nov.-Dec 1967.
- Table of contents translated:
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- PLANOVOE KHOZIAISTVO [PLANNED ECONOMY]. Issued by Gosplan SSSR and SNKh SSSR [State Planning Committee of the U.S.S.R. and the Economic Council of the U.S.S.R.], Moscow, vol. 44, no. 1, Jan, 1968.
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- VESTNIK STATISTIKI [STATISTICAL ... of the Central Statistical Administration of the U.S.S.R.], Moscow, no. 11, 1967
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RABOTNITSA (THE WOMAN WORKER) Published by Izd-vo [Publishing House] "Pravda" Moscow, nos. 1-2, Jan.-Feb. 1968.
VSEMIRONOE PROFSSOIZNOE DVIZHENIE (WORLD TRADE-UNION MOVEMENT) Organ of Vsemirnaya federatsia profsoizmov [World Federation of Trade Unions] Moscow, no. 8, Dec. 1967
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KOMSOMOL'SKAIA ZHIZN' (LIFE OF COMMUNIST YOUTH) Issued by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin], Moscow, nos. 24, Dec. 1967; 1, 3, Jan.-Feb. 1968.
NASHE ZHYTTIA. OUR LIFE. Issued by Soluz ukrainok Ameriky [Ukrainian National Women's League of America, Inc.], Philadelphia, vol. 25, no. 1, Jan. 1968.
NOUKOGUDE NAINÉ (SOVIET WOMAN) Issued by EKP Keskkomitee [Central Committee of the Communist Party of Estonia], Tallinn, vol. 23, no. 12, Dec. 1967; vol. 24, no. 1, Jan. 1968.
QAZAQSTAN ÄIELDERİ [KAZAKHSTAN WOMAN] Alma-Ata, no. 12, 1967; no. 1, 1968. [In Kazakh]
RADIANS'KA ZHINKA [SOVIET WOMAN] Kiev, vol. 23, nos. 1-2 (265-266), Jan.-Feb. 1968.
SMENA (THE YOUNGER GENERATION) Organ of Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soluza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin], Moscow, vol. 45, nos. 1-3, Jan.-Feb. 1968.

- SOVET TURKMENISTANYNYNG AIALARY (SOVIET TURKMENISTAN WOMAN)** Organ of TsK KP Turkmenistana [Central Committee of the Communist Party of Turkmenistan], Ashkhabad, nos. 11-12 (173-174), Nov.-Dec. 1967.

- SOVETSKAIA ZHENSCHINA [SOVIET WOMAN]** Organ of Komitet sovetskikh zhenshchin i Vsesoluznyi Tsentral'nyi Sovet Professional'nykh Soluzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions] Moscow, no. 2, 1968

- UZBEKISTON SOTSIAL TA'MINOTI [SOCIAL SECURITY OF UZBEKISTAN]** Issued by Ministerstvo sotsial'nogo obespecheniia Uzbekskoi SSR [Ministry of Social Security of the Uzbek S. S. R.] Tashkent, no. 5 (54), Oct. 1967. [In Uzbek]

- TARYBINE MOTERIS [SOVIET WOMAN]** Issued by Lietuvos Komunistu partijos Centro Komitetas [Central Committee of the Communist Party of Lithuania], Vilnius, nos. 1-2 (94), 1968.

- ZIENSHCHINY MIRA [WOMEN OF THE WHOLE WORLD]** Issued by Mezhnunarodnata demokratsicheska federatsia zhenshchin [Women's International Democratic Federation], Berlin, no. 4, 1967.

6. POLITICAL SCIENCE

- EESTI KOMMUNIST [COMMUNIST OF ESTONIA]** Issued by Eestlase Kommunistliku Partei Keskkomitee [Central Committee of the Communist Party of Estonia], Tallinn, vol. 24, no. 2, Feb. 1968 [In Estonian]

- KOMMUNIST [COMMUNIST]** Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania], Vilnius, no. 11 (521), Mar. 1967, no. 1 (523), Jan. 1968

- KOMMUNIST [COMMUNIST]** Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of the Soviet Union] Moscow, vol. 44, no. 2, Jan. 1968

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- KOMMUNIST ESTONIA [COMMUNIST OF ESTONIA]** Issued by TsK Kompartii Estonii [Central Committee of the Communist Party of Estonia], Tallinn, vol. 24, no. 1, Jan. 1968.

- KOMMUNIST MOLDAVIA [COMMUNIST OF MOLDAVIA]** Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Moldavii [Central Committee of the Communist Party of Moldavia], Kishinev, vol. 13, no. 1, Jan. 1968.

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RADIANS'KA SHKOLA [SOVIET SCHOOL] Organ of the Ministry of Education of the Ukrainian S. S. R. Kiev, vol. 46, no. 11, Nov. 1967.

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Issued by Akademiya pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. R.]. Moscow, vol. 31, no. 11, Nov. 1967.

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VECHERNIAIA SREDNIAIA SHKOLA [EVENING SECONDARY SCHOOL]. Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 10, no. 5, Sep.-Oct. 1967.

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FIZICHESKAAIA KULTURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 1, 1968

FIZIKAL'NAYA KULTURA (PHYSICAL EDUCATION AND CULTURE) Organ of the Central Council of the Union of Sports Societies and Organizations of the U.S.S.R. [Central Council of the U.S.S.R.] Moscow, nos 1-2, 1967, Jan.-Feb. 1967.

FIZIKAL'NAYA KULTURA (PHYSICAL CULTURE) Organ of the Union of Sports Societies and Organizations of the U.S.S.R. [Union of Sports Societies and Organizations of the U.S.S.R.] Tallinn, vol. 24, nos 23-24 (1967), 1967, vol. 29, nos 1-2 (566-597), 1968.

VIESTIS (CHESS) Organ of the Latvian SSR Sports Federation and the Latvian SSR Sports Association and the Latvian SSR Sports Association and the Latvian SSR Sports Association [Latvian S.S.R.] Riga, nos 21-22 (1967-1968), 1967.

INFORMATIVNYI BULLETEN' (CHESS BULLETIN) Organ of the Latvian SSR Sports Federation and the Latvian SSR Sports Association [Latvian S.S.R.] Moscow, vol. 14, no. 1, 1968.

INFORMATIVNYI BULLETEN' (CHESS IN THE U.S.S.R.) Organ of the Latvian SSR Sports Federation and the Latvian SSR Sports Association [Latvian S.S.R.] Moscow, no. 12, Dec. 1967, no. 1, 1968.

SPORT V SSSR (SPORTS IN THE U.S.S.R.) Issued by the Periodical "Sovetskii Sport" ["Soviet Union"] Moscow, nos 1-3 (59-61), 1968.

SPORTIVNAYA ZHIZN' ROSSII (SPORTS LIFE IN RUSSIA) Organ of the Union of Sports Societies and Organizations of the U.S.S.R. [All-Russian Council of the Association of Sports Societies and Organizations] Moscow, vol. 12, no. 1, 1968.

SPORTIVNYE IGRY (ATHLETIC GAMES) Organ of the Union of Sports Societies and Organizations of the U.S.S.R. [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.] Moscow, vol. 13, no. 12 (151), Dec. 1967.

START Organ of the Union of Sports Societies and Organizations of the U.S.S.R. [Council of the Union of Sports Societies and Organizations of the U.S.S.R.] Kiev, no. 1, Jan. 1968.

TEORIYA I PRAKTIKA FIZICHESKOI KULTURY (THEORY AND PRACTICE OF PHYSICAL CULTURE) Organ of the Union of Sports Societies and Organizations of the U.S.S.R. [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.] Moscow, vol. 30, no. 10, Oct. 1967.

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KINOMEKHANIK (MOTION-PICTURE OPERATOR). Issued by Gosdistravennyi komitet Soveta Ministrov SSSR po kinematografii [State Committee of the Council of Ministers of the U.S.S.R. for Motion Pictures] Moscow, no. 1, 1968.

NOVYNY KINOERANU (CINEMA NEWS). Kiev, no. 11 (76), Nov. 1967, nos 1-2 (78-79), Jan.-Feb. 1968.

SOVETSKII EKLAN (THE SOVIET SCREEN). Organ of Komitet po kinematografii pri Sovete Ministrov SSSR and Soluz kinematografistov SSSR [Committee for Motion Pictures, Attached to the Council of Ministers of the U.S.S.R., and the Union of Motion-Picture Workers of the U.S.S.R.]. Moscow, nos 1-3 (265-267), Jan.-Feb. 1968.

SOVETSKII FIL'M (SOVIET FILMS). Issued by Vsesoluznoe obshchestvo [All-Union Association] "Sovetskospil'm". Moscow, no. 12, Dec. 1967.

b. MUSIC

KRUGOZOR (HORIZON). Moscow, nos 8-11, 1967.

MUZYKAL'NAIA ZHIZN' (MUSICAL LIFE). Organ of Soluz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 11, nos 1-2, 4 (243-244, 246), Jan.-Feb. 1968.

VISTI, zhurnal muzychno na myatets'koho zhyttia [HERALD, Music and Art Magazine. Issued by khor "Dnipro" v Tyln Slti, Minn. Ukrainian Chorus "Dnipro" of the Twin Cities. St. Paul, Minn., vol. 6, nos 3/4 (22-23), Sep.-Dec. 1967].

c. THEATER

KLUB I KHUDOZHESTVENNAIA SAMODEIATEL'NOST' (THE CLUB AND AMATEUR ART ACTIVITIES). Issued by Vsesoluznyi Tsentral'nyi Sovet Professional'nykh Soluzov [All-Union Central Council of Trade Unions]. Moscow, vol. 16/17, no. 24, 1967, vol. 17 (1-18), nos 1-2 (247-248), Jan.-Feb. 1968.

SOVETSKAIA ESTRADA I TSIRK (SOVIET STAGE AND CIRCUS). Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 2 (125), Feb. 1968.

TEATRAL'NAIA ZHIZN' (LIFE OF THE THEATER). Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.] and other S. Moscow, vol. 10, nos 23-24 (225-226), Dec. 1967; vol. 11, nos 1, 3 (227, 229), Jan.-Feb. 1968.

10. FINE ARTS

a. GENERAL

KHUDOZHNIK (ARTIST). Issued by Soluz khudozhnikov RSFSR [Association of Artists of the R.S.F.S.R.]. Moscow, vol. 10, no. 12, 1967, vol. 10 (1-11), no. 1, 1968.

MAKSLA [ART]. Issued by Latvijas Padomju makslietu, arhitektu, komponistu, kinematografijas darbinieku savieniba and Teatra biedriba [Association of Artists, Architects, Composers, Motion-Picture Workers and the Theater Society] Riga, no. 4 (36), 1967. [In Latvian]

SOVETAKAN ARVEST (SOVIET ART). Issued by Ministerstvo kul'tury Armianskoi SSR [Ministry of Culture of the Armenian S.S.R.] and the State Committee of the Ministers of the Armenian S.S.R. [Ministry of Culture of the Armenian S.S.R.]. Yerevan, nos 9/10 (11, 1067).

SOVETSKOE FOTO (SOVIET PHOTO). Issued by zhurnalistsov SSSR [Association of Journalists of the U.S.S.R.]. Moscow, no. 1, Jan. 1968.

TVORCHESTVO (CREATIVE WORK). Issued by Khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no. 12, 1967.

11. LANGUAGE, LITERATURE, & FOLKLORE

a. LANGUAGE

KALBOS KULTURA (SPEECH CULTURE). Issued by Lietuvos TSR Mokslu akademijos Lietuviu literaturos institutas [Institute of Lithuanian Language and Literature of the Academy of Sciences of the Lithuanian S.S.R.]. Vilnius, vol. 13, 1967. [In Lithuanian]

KEEL JA KIRJANDUS (LANGUAGE AND LITERATURE). Issued by Eesti NSV Teaduste Akadeemia Kirjandusliku Instituudi [Academy of Sciences of the Estonian S.S.R. and the Estonian S.S.R.]. Tallinn, vol. 11, 1967.

MOSCOW, UNIVERSITET, Vestnik (MOSCOW UNIVERSITY). Review Series. Vol. 22, no. 4, July-Aug. 1967.

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- RUSKII IAZYK V NATSIONAL'NOI SHKOLE [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]** Issued by Akademiya pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R S S R] Moscow, no 1, Jan - Feb 1968
- SOVETSKOE FINNO-UGROVEDENIE SOVIET FINNO-UGRIC STUDIES** Issued by Akademiya nauk Eston-skoi SSR [Academy of Sciences of the Estonian S S R] Tallinn, vol 3, no. 4, 1967
- UKRAINS'KA MOVA I LITERATURA V SHKOLI [UKRAINIAN LANGUAGE AND LITERATURE IN SCHOOLS]** Issued by Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S S R] Kiev, vol 18, no 1, Jan 1968
- VOPROSY IAZYKOZNAANIA [PROBLEMS OF LINGUISTICS]** Issued by Institut iazykoznanii Akademii nauk SSSR [Institute of Linguistics of the Academy of Sciences of the U S S R] Moscow, vol 10, no 4, July-Aug 1961
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- b. LITERATURE & FOLKLORE**
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- INOSTRANNAIA LITERATURA [FOREIGN LITERATURE].** Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.] Moscow, nos 12, Dec 1967, 1, Jan 1968.
- IUNOST' [YOUTH]** Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol 14, no 1 (152), Jan 1968.
- KAROGS [THE BANNER]** Issued by Latvijas padomju rakstnieku savieniba [Association of Writers of Soviet Latvia]. Riga, nos 1-2, 1968.
- LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]** Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no 1, Jan - Feb 1968.
- LITERATURNIAI GRUZIJA [LITERARY GEORGIA]** Organ of Soiuz pisatelei Gruzii [Association of Writers of Georgia]. Tiflis, vol 11, no. 12, Dec 1967, vol 12, no 1, Jan 1968.
- LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]** Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, vol 25, no 12, Dec 1967.
- LOOMING [CREATIVE WORK]** Issued by Festi NSV Kijantke Litt [Association of Writers of the Estonian S.S.R.]. Tallinn, no. 12, Dec 1967, nos 1-2, Jan - Feb 1968.
- MOLODAIA GWARDIA, literatura no-khudozhestvennyi i obshchestvenno-politicheski zhurnal [YOUNG GUARD; Literary and Sociopolitical Magazine]** Issued by Tsentralnyi Komitet Vsesoiuznogo leninskogo komunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no 1, Jan 1968.
- MOSKVA [MOSCOW]** Organ of Soiuz pisatelei RSFSR and Moskovskoe otdelenie Soiuza pisatelei RSFSR [Association of Writers of the R.S.F.S.R. and the Moscow Branch of the Association of Writers of the R.S.F.S.R.]. Moscow, vol 12, nos 1-2, 1968.
- NEMAN [NEMAN RIVER].** Organ of Soiuz pisatelei BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol 17, no. 2, Feb 1968.
- NEVA** Organ of Soiuz pisatelei RSFSR and Leningradskoe otdelenie Soiuza pisatelei [Association of Writers of the R.S.F.S.R. and the Leningrad Branch of the Association of Writers]. Leningrad, nos 1-2, 1968.
- NOVYI MIR [THE NEW WORLD]** Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol 42, no. 12, Dec 1966.
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- POD'EM [UPSWING].** Issued by Voronezhskoe otdelenie Soiuza pisatelei RSFSR [Voronezh Branch of the Association of Writers of the R.S.F.S.R.]. Voronezh, no 6, Nov. - Dec 1967.
- POLYMA [FLAME].** Organ of Saizus pis'mennikau BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, no. 12 (464), Dec 1967, no. 1 (465), Jan 1968.
- PRAPOR; literaturno-khudozhnii ta biomas'sko-politichnyi zhurnal [BANNER, Literary and Sociopolitical Magazine].** Issued by Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Kharkov, nos. 11-12, 1967; no. 1, 1968.
- RADUGA [THE RAINBOW]** Organ of Pravlenie Soiuza pisatelei Ukrainy [Administration of the Association of Writers of the Ukraine]. Kiev, vol 18, nos. 1-2, Jan - Feb 1968.
- SEVER [THE NORTH]** Issued by Soiuz pisatelei Kar'el'skoi ASSR and Arkhangel'skoe i Volgodonskoe otdelenia Soiuza pisatelei RSFSR [Association of Writers of the Karelian A.S.S.R. and the Archangel and Volgodonsk Branches of the Association of Writers of the R.S.F.S.R.]. Petrozavodsk, vol 28, no 6, Nov - Dec 1967.
- SIDIRSKIE OGNI [SIDIRIAN LIGHTS]** Organ of Soiuz pisatelei RSFSR and Novosibirskoe otdelenie Soiuza pisatelei [Association of Writers of the R.S.F.S.R. and the Novosibirsk Branch of the Association of Writers]. Novosibirsk, vol 46, no 12, 1967.
- SOVIET EDEBNIATY [SOVIET LITERATURE]** Organ of Soiuz sovetskikh pisatelei TSSR [Association of Soviet Writers of the Turkmen S.S.R.]. Ashkhabad, no 12, Dec 1967, no. 1, Jan 1968.
- SOVETAKAN GRAKANUTUN [SOVIET LITERATURE]** Organ of the Association of Soviet Writers of Armenia Eriavan, no 12, 1967.
- SUCHASNIST', literatura, mystetstvo, suspil'ne zhyttia [OUR TIME, Literature, Art, and Social Problems].** Munch, vol 8, nos 1-2 (85-86), Jan - Feb 1968.
- URAL.** Issued by Sverdlovskoe otdelenie Soiuza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R.S.F.S.R.]. Sverdlovsk, vol 10, no 12, Dec 1968.
- VITCHYZNA [OUR COUNTRY]** Organ of Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine]. Kiev, vol 36, nos 1-2, 1968.
- VOLGA.** Organ of Pravlenie Soiuza pisatelei RSFSR and Saratovskoe otdelenie Soiuza pisatelei RSFSR [Administration of the Association of Writers of the R.S.F.S.R. and the Saratov Branch of the Association of Writers of the R.S.F.S.R.]. Saratov, vol. 3, no 1, Jan 1968.
- VOPROSY LITERATURY [PROBLEMS OF LITERATURE]** Organ of Soiuz pisatelei SSSR and Institut mirovoi literatury Akademii nauk SSSR [Association of Writers of the U.S.S.R. and the Institute of World Literature of the Academy of Sciences of the U.S.S.R.]. Moscow, vol 10, no 4, Apr 1966.
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ZHURNALIST [JOURNALIST] Issued by gazeta "Pravda" and Soluz zhurnalistov SSSR [Newspaper "Pravda" and the Association of Journalists of the U S S R] Moscow, no 4, Apr 1967

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GEOGRAFICHESKOE OBSHCHESTVO SSSR. Zabaikal'skii odel Izvestiya [GEOGRAPHICAL SOCIETY OF THE U S S R. Transbaikalian Branch Bulletin] Chita, vol. 1, no 2, 1965

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MO SCOW, UNIVERSITET. Vestnik Seriya 5: Geografiya [UNIVERSITY. Review Series 5: Geography] Vol. 22, no 5, Sep -Oct 1967

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- VYCHISLITEL'NAYA SEISMOLOGIYA [COMPUTER SEISMOLOGY].** Issued by Institut fiziki zemli Akademii nauk SSSR [Institute of Physics of the Earth of the Academy of Sciences of the U.S.S.R.] Moscow, no. 3, 1967. Methods and programs for the analysis of seismic observations.
- Table of contents translated:
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AKADEMIA NAUK GRUZINSKOI SSR, Tiflis, Geologicheskii Institut, Tiflis, Novaya seriia IACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Geological Institute, Transactions, New Series, Tiflis, no. 14, 1967. Some problems of the geochemistry and mineralogy of Georgia.

Table of contents translated:

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- LENINGRAD NAUCHNO-ISSLEDOVATELSKII INSTITUT GEOLOGII ARKTIKI. Uchenye zapiski Paleontologicheskogo razdeli [SCIENTIFIC RESEARCH INSTITUTE OF THE GEOLOGY OF THE ARCTIC. Studies in Paleontology and Biostratigraphy]. No 17, 1967.
- Table of contents translated.
- Kozlov, V. V., Kozlov, I. D. - New data on the stratigraphy of the Khatanga Depression. *Arctic and Antarctic Research*, p. 99.
- Kozlov, V. V., Kozlov, I. D. - Fossils of trilobites from the Khatanga Depression of northern Yakutia. *Arctic and Antarctic Research*, p. 17.
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- No 18, 1967.
- Table of contents translated.
- Kozlov, V. V., Kozlov, I. D. - New data on the family Ucinulidae Rensselaeria (brachiopods) from Lower Paleozoic sediments of Novaya Zemlya. *Arctic and Antarctic Research*, p. 5.
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- No 19, 1967.
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- Kozlov, V. V., Kozlov, I. D. - Morphological characters of bismimetic *Nodositidae* (Foraminifera) and their species description. *Arctic and Antarctic Research*, p. 5.
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- LENINGRAD NAUCHNO-ISSLEDOVATELSKII INSTITUT GEOLOGII ARKTIKI. Uchenye zapiski Regional'naya geologiya [SCIENTIFIC RESEARCH INSTITUTE OF THE GEOLOGY OF THE ARCTIC. Studies in Regional Geology]. No 8, 1966.
- Table of contents translated.
- Mikhilov, N. N., Pol'kin, I. A., Shakhov, I. U. - Relief of the folded basement of the western and central part of the Siberian Platform, based on data of aeromagnetic surveying. *Arctic and Antarctic Research*, p. 7.
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- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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- PRIBALTITSKAIA KOMISSIIA PO IZUCHENIU MIGRATSIITITS Scabshchenia [BALTIC COMMISSION FOR THE STUDY OF BIRD MIGRATION Reports]. Tartu, no. 4, 1967.
- PROBLEMY KOSMICHESKOI BIOLOGII [PROBLEMS OF SPACE BIOLOGY] Issued by Otdelenie biologicheskikh nauk Akademii nauk SSSR [Department of Biological Sciences of the Academy of Sciences of the U. S. S. R.] Moscow, vol. 5, 1967.
- Contents Moskalenko, I. U. [Dynamics of blood filling of the brain under normal conditions and in gravitation loads] *Dinamika krovenapolneniia golovnogo mozga v norme i pri gravitatsionnykh nagruzkakh*. 216 p.
- RU - - - - - oklady
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- Table of contents translated:
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AKADEMIYA NAUK SSSR. Fizicheskii institut. Trudy
[ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of
Physics Transactions]. Moscow, vol. 39,
1967. Rayleigh and Raman scattering, metal optics and
luminescence of alkali iodides.

- Table of contents translated
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AKADEMIYA NAUK SSSR. Izvestiya. Seriya fizicheskaya
[ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin
Physical Series]. Moscow, vol. 31, no. 11, Nov 1967.

- Table of contents translated
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Martynova, S. V., Potlov, V. M. -
dielectric properties of barium titanate
NiNb₂O₇ and Co₂Ti₂O₇ impurities. p. 1884.
Khuchua, N. P., Shamitova, L. N., and others -
Some characteristics of composite
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type structure at superhigh frequencies
Tsvetkovskii, A. I., Petrov, V. M. -
Studying the superhigh-frequency dielectric
properties of solid solutions of composite
Pb(Yb_{1/2}Nb_{1/2})₂O₃ - Pb(Te_{2/3}W_{1/3})₂O₃
Pb(Co_{1/2}W_{1/2})₂O₃. p. 1894.

- Aleksandrov, L. A., Liskei, K. E., Fildberg, I. D. - Electric properties of solid solutions of binary systems on calcium titanate base. p. 1998
- Kosman, M. S., Kalimullin, R. Kh. - Surface electric conductivity of mica p. 1992.
- Rez, I. S. - Some data on the crystallochemical selection of materials for the control of infrared radiation beams p. 1995
- Zheludev, I. S., Lezgumtseva, T. N., Fel'dman, N. B. - Polarization of polycrystalline ferroelectric substances p. 1999
- Sinakov, E. V., Flerova, S. A. - Study of the non-linear properties of BaTiO₃ single crystals by applying uniaxial mechanical compression. p. 1912.
- Rozdestvenskaia, M. V., Kunin, V. Ia. - Electric properties of SrTiO₃ single crystals. p. 1915
- Shuvlov, L. A., and others - Piezoelectric anomalies of dielectric and piezoelectric properties of RbH₂PO₄ and KD₂PO₄ crystals p. 1919.
- Vol. 31, no. 12, Dec 1967
- Table of contents translated
- Polotov, N. G. - Dislocations and optical phenomena in ionic crystals. p. 1926
- Kuchadze, V. G., Polotov, N. G. - Effect of structure defects on the thermal conductivity of lithium fluoride crystals. p. 1936
- Vozozheikina, L. F. - Color centers in lithium fluoride crystals p. 1938
- Vozozheikina, L. F., Igutkhanishvili, D. D. - Vacancies in irradiated lithium fluoride crystals p. 1940
- Belous, V. M. - Effect of ionic processes on the kinetics of flash and afterglow of silver halides p. 1943
- Belous, V. M., Golub, S. I., Orlovskaya, N. A. - Use of the luminescence method in studying the ionic processes in silver halide phosphors p. 1946
- Orlovskaya, N. A., Belous, V. M., Golub, S. I. - Thermal quenching of luminescence and photolysis of AgBr- and AgBr-Ag₂S phosphors p. 1949
- Belous, V. M., Bugaenko, V. I. - Luminescent and photoelectric properties of silver chloride p. 1952
- Iskovich, L. N., Kozryeva, E. D., Meliklar, P. V. - Luminescence of silver halide crystals depending on the presence of defects. p. 1955
- Alekseeva, E. P. - Colorability of LiF crystals in the case of "large" X-ray radiation dosages. p. 1958
- Chervinskaya, L. A., Plesnov, V. A. - Some physical examinations of NaCl and KCl crystals activated by heterovalent cation substituting admixtures. p. 1962.
- Gol'denberg, S. U., Bychkova, A. I., Melik-Gaikazian, I. A. - Some investigations of filamentary alkali halide crystals p. 1964
- Pung, L. - Nonisothermal relaxation of electron paramagnetic resonance and hole-type recombination luminescence in some ionic crystals p. 1969
- Haldie, J. - Capture of holes by impurity centers and the recombination luminescence of NaCl-Cu and NaCl-Cu, Ag crystals p. 1970
- Samadze, T. I., Berulava, B. G. - Relaxation processes in the paramagnetic resonance of U³⁺ in CaF₂, SiF₄ and BaF₂ p. 1973.
- Panova, A. N., Mustafina, R. Kh. - Luminescence centers and capture centers in NaI-Tl and NaI-In crystals with oxygen impurities p. 1975
- Lembra, L. A. - Spectral characteristics of phosphors on mixed bases at poor miscibility p. 1979
- Kink, R., and others - Self-localization of excitons and optical phenomena in ionic crystals p. 1982
- Guseva, N. K., Lyskovich, A. B. - Mercurylike luminescence centers in NaI crystals. p. 1986
- Valbis, J., and others - Luminescence of alkali halide crystals with admixtures of homologous anions and cations p. 1990
- Parfianovich, I. A., Shumaleva, E. I., Penzina, E. E. - Competing processes of energy transfer in the first- and second-kind luminescence centers in KCl-Ag phosphors p. 1993
- Pologudov, V. V., Penzina, E. E. - Kinetics of the thermal disintegration of activator hole centers in KI-Ti phosphors. p. 1996
- Bobrysheva, A. I., Moskalenko, S. A., Shmiglik, M. I. - Two-photon excitation of exciton luminescence and angular dependences of the two-photon transitions in impurity centers of ionic crystals. p. 2000
- Kovarski, V. A., Vitlu, E. V. - Characteristics of the shape of impurity absorption bands and luminescence in ionic crystals with moderate electron-oscillatory coupling. p. 2003
- Perlin, I. U. E., Tsukerbat, B. S. - Theory of thermal quenching of luminescence of paramagnetic local centers in ionic crystals. p. 2007.
- Rebane, K., and others - Luminescence of impurity molecules O₂- and S₂- in alkali halide crystals. p. 2010.
- Stokhanov, A. I., Maksimova, T. I. - Raman scattering and infrared absorption in alkali halide crystals with defects. p. 2017.
- Plachenov, B. T., and others - Optical characteristics of phosphor-activated alkali halide crystals p. 2025.
- Svares, K., and others - Radiation effects in lithium fluoride crystals. p. 2028
- Svares, K., Ekmanis, J. - Electron microscopic studies of radiation macrodefects in alkali halide crystals p. 2035
- Gavrilov, F. F., and others - Effect of light, protons and electrons on optical characteristics of lithium hydride p. 2040
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- Zaitov, F. N., and others - Effect of microdefects of the crystal lattice on some luminescence and relaxation processes in alkali halide crystal phosphors p. 2046
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- Titova, E. I., Shakhovich, M. I. - Effect of heat treatment on the optical properties of lithium fluoride crystals p. 2058
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- AKADEMIJA NAUK UZBEKSKOI SSR, Tashkent. Izvestia Seriya fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S. S. R. Bulletin. Series in the Physical and Mathematical Sciences] Tashkent, vol. 31, no. 4, 1967
- Table of contents translated:
- Dzhuraev, T. D. - Uniqueness of the solution to some boundary value problems for a class of equations of compound type. p. 3.
- Kagan, F. M. - Characterization of gamma-distribution by the statistical properties of a random medium. p. 6.
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- Vol. II, no. 6, 1967.
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- Academik Tashmukhammad Nilazovich Kary-Nilazov; on his 70th birthday p. 3.
- Vinokurov, V. G., Makhkamov, B. - Lebesgue subspaces of non-Lebesgue spaces with a measure. p. 5.
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- ALMA-ATA KAZAKHSTAN NAUCHNO-ISSLEDOVATELSKII GIDROMETEOROLOGICHESKII INSTITUT. Tudy [KAZAKH SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions] Leningrad, no. 28, 1967
- Contents Vinogradov, I. U. B. [Problems of the hydrology of rain floods in small drainage basins of Central Asia and southern Kazakhstan] Voprosy gidrologii dozhevykh pavoikov na mal'kikh vodosoborakh Srednei Azii i Iuzhnogo Kazakhstana
- ATOMNAYA ENERGIYA [ATOMIC ENERGY]. Issued by Akademiya nauk SSSR and Gosudarstvennyi komitet po ispol'zovaniyu atomnoi energii SSSR [Academy of Sciences of the U. S. S. R. and the State Committee on the Use of Atomic Energy of the U. S. S. R.] Moscow, vol. 23, no. 6, Dec. 1967.
- Table of contents translated
- Gorichenko, V. D., Tumin, I. U. F. - On the stability of a nuclear reactor as a time-lag system p. 499
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- CHEKOSLOVATSKII FIZICHESKII ZHURNAL CZECHOSLOVAK JOURNAL OF PHYSICS.** Issued by Czechoslovak Academy of Sciences. Prague, vol. 10, no. 1, 1968.
- FIZIKA GORENIIA I VZRYVA (PHYSICS OF COMBUSTION AND BLASTING)** Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U. S. S. R.] Novosibirsk, vol. 3, no. 2, June 1967.
- Table of contents translated:
- Bellacy, I. U. N., Leonas, V. B. - Kinetic properties of air and other gases at high temperatures. p. 171.
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- Bellacy, A. F., Bakhman, N. N. - Review of K. K. Andreyev's book "Thermal decomposition and combustion of explosives." p. 318.
- FIZIKA NIZKIKH TEMPERATUR (PHYSICS OF LOW TEMPERATURES)** Issued by Institut fiziki Akademii nauk Gruzinskoi SSR [Institute of Physics of the Academy of Sciences of the Georgian S. S. R.] Tiflis, no. 2, 1966.
- Table of contents translated:
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- GIDROAEROMEKANIKA (HYDROAEROMECHANICS)** Issued by Dnepropetrovskii gosudarstvennyi universitet [Dnepropetrovsk State University] Kharkov, no. 4, 1966.
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- LENINGRAD. GLAVNAIA GEOFIZICHESKAIYA OBSERVATORIIA. Trudy [MAIN GEOPHYSICAL OBSERVATORY. Transactions]. No. 193, 1967. Ideal balance.
- Table of contents translated:
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- LIETUVOS FIZIKOS RINKINYS. LITOVSKI FIZICHE-SKII SBORNIK [LITHUANIAN PHYSICS PAPERS]. Issued by Lietuvos TSR Mokslu Akademija and Lietuvos TSR aukstosios mokyklos [Academy of Sciences of the Lithuanian S. S. R. and the Institutions of Higher Learning of the Lithuanian S. S. R.]. Vilnius, vol. 5, no. 4, 1965, vol. 7, no. 1, 1967.
- MEKHANIKA TVERDOGO TELA [MECHANICS OF SOLIDS]. Moscow, no. 4, July-Aug. 1967.
- Table of contents translated
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- Table of contents translated
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- MOSCOW, UNIVERSITET, Vestnik Seriya 3 Fizika, Astronomiya [UNIVERSITY Review Series 3 Physics, Astronomy], Vol. 22, no. 5, Sep.-Oct. 1967
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- Table of contents translated:
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- (DNLM)
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- Table of contents translated:
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- Table of contents translated:
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- (DNLM)
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- Table of contents translated:
- Midokh, D. I. - Pressing tasks of ophthalmological instrument engineering, p. 3.
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- NOVOGODE ESTI TERVISHOID [HEALTH SERVICE OF SOVIET ESTONIA]. Organ of Eesti NSV Tervishoiu Ministerium [Ministry of Health of the Estonian S.S.R.]. Tallinn, vol. 11, no. 1, 1968.
- Table of contents translated:
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- SOVETSKAYA MEDITSINA [SOVIET MEDICINE]. Organ of Ministerstvo zdoravookhraneniia RSFSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 30, no. 12, Dec. 1967.
- Table of contents translated:
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- ZDRAVOOKHRANENIE BELORUSSII [HEALTH SERVICE OF WHITE RUSSIA]** Organ of Ministerstvo zdavookhraneniia BSSR [Ministry of Health of the White Russian S. S. R.]. Minsk, vol. 14, nos. 1-2, Jan. - Feb. 1968.
- ZDRAVOOKHRANENIE KAZAKHISTANA [HEALTH SERVICE OF KAZAKHISTAN]** Issued by Ministerstvo zdavookhraneniia Kazakhskoi SSR [Ministry of Health of the Kazakh S. S. R.]. Alma-Ata, vol. 28, nos. 1-2 (202-203), Jan. - Feb. 1968.
- ZDRAVOOKHRANENIE ROSSISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION]** Issued by Ministerstvo zdavookhraneniia RSFSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 12, no. 1, Jan. 1968.
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- ZDRAVOOKHRANENIE TURKMENISTANA [HEALTH SERVICE OF TURKMENISTAN]** Organ of Ministerstvo zdavookhraneniia TSSR [Ministry of Health of the Turkmen S. S. R.]. Ashkhabad, vol. 11, no. 12 (86), Dec. 1967, vol. 12, no. 1 (87), Jan. 1968.
- b GYNECOLOGY, OBSTETRICS & PEDIATRICS**
- AKUSHERSTVO I GINEKOLOGIJA [OBSTETRICS AND GYNECOLOGY]** Published by Ministerstvo zdavookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 43, no. 8, Aug. 1967.
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Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.] Moscow, vol 13, no 10, 1967.

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- VESTNIK DERMATOLOGII I VENEREOLOGII [REVIEW OF DERMATOLOGY AND VENEREOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.] Moscow, vol 41, no 7, July 1967.
- Table of contents translated:
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- MEKHANIZATSIIA SEL'SKOGO HOSPODARSTVA [MECHANIZATION OF AGRICULTURE] Organ of Ukrainians'ke ob'ednannia Rady Ministriv URSR "Ukrsl'hospetkh-nika" [Ukrainian Association "Ukrsl'hospetkh-nika" of the Council of Ministers of the Ukrainian S. S. R.]. Kiev, vol. 19, no. 1 (217), Jan 1968.
- QAZAQSTAN AUYLY SHARUAHYLYGHY [AGRICULTURE OF KAZAKHSTAN] Alma-Ata, no. 1, Jan 1968 [in Kazakh].
- SEL'SKAIA NOV' RURAL NEWS] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Kiev, vol. 2, no. 12, Dec 1967, vol. 3, no. 1, Jan 1968.
- SEL'SKOE KHOZIAISTVO BELORUSII [AGRICULTURE OF WHITE RUSSIA] Issued by Ministerstvo sel'skogo khoziaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S. S. R.]. Minsk, vol. 16, no. 1, Jan 1968.
- SEL'SKOE KHOZIAISTVO KAZAKHISTANA [AGRICULTURE OF KAZAKHISTAN] Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, no. 2, Feb 1968.
- SEL'SKOE KHOZIAISTVO TURKMENISTANA [AGRICULTURE OF TURKMENISTAN] Issued by Ministerstvo sel'skogo khoziaistva Turkmenskoi SSR [Ministry of Agriculture of the Turkmen S. S. R.]. Ashkhabad, vol. 11, no. 12, Dec 1967, vol. 12, no. 1, Jan 1968.
- SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN] Organ of Ministerstvo sel'skogo khoziaistva Tadjikskoi SSR [Ministry of Agriculture of the Tajik S. S. R.]. Dushanbe, vol. 22, nos 1-2, Jan.-Feb 1968.
- SEL'SKOE KHOZIAISTVO UZBEKISTANA [AGRICULTURE OF UZBEKISTAN] Issued by Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S. S. R.]. Tashkent, no. 12, Dec 1967.
- SFL'SKOKHOZIAISTVENNAIA LITERATURA CHEKHO-SLOVAKII [AGRICULTURAL LITERATURE OF CZECHOSLOVAKIA] Issued by Chekhoslovatskii akademii sel'skohoziatvennykh nauk and Institut nauchno-tekhnicheskoi informatsii [Czechoslovak Academy of Agricultural Sciences and the Institute of Scientific and Technical Information] Prague, no. 3/4, 1966.
- SEL'SKOKHOZIAISTVENNOE PROIZVODSTVO URALA [AGRICULTURAL PRODUCTION OF THE URALS] Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R. S. F. S. R.]. Sverdlovsk, vol. 5, no. 12, Dec 1967.
- SOTSIALISTLIK POLUMAJANDUS [SOCIALIST AGRICULTURE] Issued by Eesti NSV Polumajanduse Ministerium [Ministry of Agriculture of the Estonian S. S. R.]. Tallinn, vol. 22, no. 24, Dec 1967, vol. 23, nos 1, 3-4, Jan.-Feb 1968.
- SVERDLOVSK. SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [AGRICULTURAL INSTITUTE. Transactions], Vol. 14, 1965.
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b ANIMAL INDUSTRY

- MOSCOW, VSESOUZNIY NAUCHNO-ISSLEDOVATELSKIY INSTITUT MORSKOGO RYBNOGO KHOZIAISTVA I OKEANOGRAFIY Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF MARINE FISHERIES AND OCEANOGRAPHY. Transactions], Vol. 62, 1967. Methods of stock assessment and fish catch prediction. Table of contents translated.
- Dement'eva, T. F. - Characteristics of the formation of commercial fish stock and changes in the biological properties of fish populations as a basis for fish catch forecasts, p. 8.
- Izhevskii, G. K. - Systemic basis for forecasting oceanological conditions and reproduction of commercial fishes, p. 20.
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PTITSEVOODSTVO [POULTRY RAISING]. Issued by Ministerstvo sel'skogo khozaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 17, no. 12, Dec. 1967 (DNAL).

RYBNOE KHOZIAISTVO [FISHERIES]. Organ of Gosudarstvennyi komitet po rybnomu khozaistvu pri SNKh SSSR [State Committee for Fisheries, Attached to the Economic Council of the U. S. S. R.]. Moscow, vol. 44, no. 1, 1968.

- Table of contents translated.
- Ishkov, A. A. - Objectives of the fishing industry for 1968, p. 2.
- Fishermen and the fatherland, p. 6.
- Zil'lanov, V. K., Genchev, V. G. - Forecasting the productivity of herring fisheries in Lofoten offshore shoals, p. 9.
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UZBEKISTON QISHLOQ KHUZHALIGI [AGRICULTURE OF UZBEKISTAN]. Organ of Ministerstvo sel'skogo khozaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S. S. R.]. Tashkent, nos. 10-11, Oct. - Nov. 1967.

VISNYK SIL'S'KOHOSPODARS'KOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ministerstvo sil's'koho hospodarstva Ukrainy [Ministry of Agricultural Sciences of the Ukrainian S. S. R.]. Kiev, vol. 11, nos. 1-2, Jan. - Feb. 1968.

OKHOTNIYA OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khozaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 14, no. 1, 1968.

PSHELOVOODSTVO [APICULTURE]. Organ of Ministerstvo sel'skogo khozaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, no. 12, Dec. 1968. (DNAL)

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- Maffian, R. A. - Materials on artificial reproduction of sturgeons in Azerbaijan, p. 13.
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TVARYNNYSTVO UKRAINY [ANIMAL HUSBANDRY OF THE UKRAINE] Issued by Ministerstvo sil's'ko-ho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S. S. R.]. Kiev, vol 40, no 1, 1968

c FORESTRY

LESNAIA NOV' [FORESTRY NEWS] Issued by TsK Prof-soluzh rabochikh lesnoj, bumazhnoj i dei svoobrabatyvayushchey promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries] Moscow, vol 12, no 2, Feb. 1968

d PLANT CULTURE

LENINGRAD, VSESOIUZNYI INSTITUTE RASTEMEVOGSTVA. Bulletin [ALL-UNION INSTITUTE OF PLANT CULTURE, Bulletin] No 8, 1960

- Table of contents translated
 Voronkova, A. A., Trubchaninov, A. D. - Study of wheat collection as to the resistance to brown and yellow-stripe rusts in Kuban, p. 3.
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SELEKTSIA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION] Issued by Ministerstvo sel'skogo khozaystva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol 33, no 1, Jan - Feb. 1968

16. TECHNOLOGY

a. GENERAL

CELIOTEKHNIKA [SOLAR ENERGY ENGINEERING]. Issued by Akademiya nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, no 4, 1967

- Table of contents translated
 Drabkin, L. M. - Commutation of thermoelements, p. 3.
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- Table of contents translated:
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GEODEZIYA I KARTOGRAFIYA [GEODESY AND CARTOGRAPHY] Organ of Glavnoe upravlenie geodezii i kartografii Gosudarstvennogo geologicheskogo komiteta SSSR [Main Administration of Geodesy and Cartography of the State Geological Committee of the U. S. S. R.]. Moscow, no 3, Mar 1965

- Table of contents translated
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- Table of contents translated:
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IUNYI TEKHNIK [YOUNG TECHNICIAN] Issued by TsK VLKSM and Tsentralnyi sovet i organizatsii imeni V. I. Lenina [Central Council of the All-Union Communist Youth League of the Central Council of the Lenin Pioneer League], vol 12, no 12, Dec. 1967, vol 12 [1968] 1 Jan. 1968

IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES] Issued by Gosudarstvennyi komitet po standartam i izmeritel'nykh priboram [State Committee of Standards, Measurements, and Instruments of the U. S. S. R.]. Moscow, no 1, 1967.

- Table of contents translated:
 Novikov, I. I. - Properties of micrometer point, p. 3.
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- Table of contents translated
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MODELIST-KONSTRUKTOR [DESIGNER OF MODELS]. Issued by TsK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 3, nos 1-2 (25-26), Jan.-Feb 1968.

- MOSCOW. VSESOIUZNYI ZAOCHNYI POLITEKHNIЧЕСКИЙ ИНСТИТУТ. Slovaik tudov [ALL-UNION CORRESPONDENCE POLYTECHNIC INSTITUTE. Papers]. No. 36, 1968. Series in Geology and Geophysics.
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- PMTF, zhurnal prikladnoi mekhaniki i tekhnicheskoi fiziki [PMTF, Journal of Applied Mechanics and Technical Physics]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U. S. S. R.], Moscow, no. 5, Sep.-Oct. 1966.
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- Table of contents translated
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TEKHNIЧЕСКАЯ ЭСТЕТИКА [INDUSTRIAL AESTHETICS] Issued by Vsesoyuznyi nauchnoissledovatel'skii institut tekhnikeskoi estetikhi [All-Union Scientific Research Institute of Industrial Aesthetics]. Moscow, vol. 3, no. 4, Apr. 1966.

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- Vol. 37, no. 11, Nov. 1967.
- Table of contents translated.
- Technical physics in the U. S. S. R. in the last fifty years. p. 1941.
- Sinitsa, N. G. - Doppler excitation of slow waves by a beam of charged particles in a helical wave guide. p. 1988.
- Mikhailovskaya, L. V. - Oscillations in an inhomogeneous plasma of finite pressure. p. 1974.
- Vandakov, I. U. V., Kolesnikova, E. N. - Stability of a rigid conducting cylinder in the magnetic field of a current flowing through it. p. 1994.
- Glikman, L. G. - Motion of a relativistic charged particle in the field of an electric and a magnetic charge both situated at the same point. p. 1993.
- Afrosimov, V. V., Petrov, M. P. - Energy distribution of ions in a plasma generated in "Tokamak" units. p. 1995.
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- Slivkov, I. N. - Currents preceding an electric breakdown in a vacuum. p. 2015.
- Balbekov, V. I., Kolomenskii, A. A. - Stability of motion of opposing beams. p. 2021.
- Bonch-Bruyevich, A. M., and others. - Traveling-wave lasers operating on neodymium-activated glass. p. 2031.
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- Zandberg, E. I. A., Tontegode, A. I. A. - Problem of surface ionization of alkali halide molecules on metals of the platinum group. p. 2101.
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- b. AERONAUTICS**
- GRAZHDANSKAIA AVIATSIIA [CIVIL AVIATION]** Issued by Glavnoe upravlenie grazhdanskogo vozdukhonogo flota pri Sovete Ministrov SSSR [Main Administration of Civil Aviation, Attached to the Council of Ministers of the U. S. S. R.] Moscow, vol. 21, no. 8, Aug. 1967.
- Table of contents translated:
- The stakes of universal victory. p. 1.
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Table of contents translated

- Fedorov, V. S. - Petroleum refining and petrochemical industry of the U. S. S. R. on the 50th anniversary of Soviet rule p. 1.
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KHOLODIL'NAIA TEKHNIKA (REFRIGERATION ENGINEERING) Issued by Vsesoiuznyi nauchno-issledovatel'skii institut kholodil'noi promyshlennosti [All-Union Scientific Research Institute of the Refrigeration Industry] Moscow, vol 44, no 11, Nov 1967.

Table of contents translated:

- Antonov, S. F. - Meat and dairy industry on the 50th anniversary of the Great October Socialist Revolution p. 1.
- Zhavoronkov, A. M. - Refrigeration economy of the consumers' cooperative societies on the 50th anniversary of the Great October Revolution p. 7.
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KIEV, TSENTRAL'NYI NAUCHNO-ISSEDOVATEL'SKII INSTITUT SAKHARNOI PROMYSHLENNOSTI. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE SUGAR INDUSTRY. Transaction] No 11, 1963.

Table of contents translated:

- Buzanov, I. F., and others. - Technological quality of single-seed sugar beet in comparison with a multiseed beet p. 3.
- Buzanov, I. F., and others. - Effect of cultivation conditions on the technological quality of single-seed sugar beet p. 10.
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Table of contents translated

- Zhidko, A. S., Nesterenko, L. L. - Technological characteristics of the Donetsk Basin fat coals and their role in coking charges p. 1.
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- Table of contents translated
- Vladimir Vigel'movich Stender, on his sixtieth birthday. p. 1893
- Vladkov, L. I., Mollilenov, I. P., Lesokhin, I. G. - Adsorption of sulfur dioxide in a layer of ideal mixing. p. 1895
- Kozin, I. A., Garkun, V. K. - Cementation of selenium by metallic iron. p. 1902
- Torokina, A. N., Averbukh, T. D. - Determination of optimum temperature of reaction between solution and gas at elevated pressure as in reduction of sodium chromate by hydrogen. p. 1909
- Kozin, I. F., Nigmatova, R. Sh. - Thermodynamic properties of the bismuth-mercury system. p. 1914
- Grelver, T. N., Zaitseva, I. G. - Reaction of tellurium with sulfide solutions and of sulfur with telluride solutions. p. 1920
- Zaitseva, I. G., Grelver, T. N. - Sodium polyselenides. p. 1923
- Safullin, N. Sh., Bellaev, E. K. - Phase composition of the products of interaction of sodium carbonate with modified chromium-containing ilmenites. p. 1928
- Matusovich, L. N., Ukhlov, V. V. - Checking on some methods of scale formation control during evaporation of crystallizing solutions. p. 1935
- Goroshchenko, I. A. G., Sikorskaya, E. K. - Solubility isotherm in the system TiO_2 - FeO - SiO_2 - H_2O at 125° . p. 1941
- Kondratenko, Z. V., Koyalev, I. A. - Mathematical evaluation of density and viscosity of concentrated phosphoric acids. p. 1947
- Deviatykh, G. G., Dudov, V. I. A., Zolotarev, A. D. - Removal of volatile inorganic hydrides from monosilane by means of extraction rectification. p. 1951
- Ksenzhek, O. S., Petrova, S. A., Stender, V. V. - Galvanic coating of the internal surface of porous materials. p. 1955
- Fedorov, N. P., and others - Effect of the physico-mechanical properties of nickel deposits on the fatigue strength of steel. p. 1963
- Gibchenik, V. Z., Busse-Machukaa, V. B. - Behavior of sodium and calcium fluoride admixtures in the electrolytic production of sodium from fused electrolyte NaCl - CaCl_2 . p. 1970
- Kalluzhina, P. F., Pimenova, K. N. - Bright zinc plating of steel articles in a pyrophosphate electrolyte. p. 1975
- Kovalenko, N. P., Levin, I. A. - Mechanism of the corrosion of low carbon steel in a selenic-soda sulfur-removing units. p. 1980
- Zaitsev, I. U. A., Grelver, T. N. - Electrodposition of tellurium from thiotellurite solutions. p. 1986
- Laskorin, B. N., Vodolazov, L. I., Stepanova, L. M. - Density of SG-1 cation exchanger and its properties. p. 1990
- Pel'menslova, E. S., Zaikina, G. D. - Exchange capacity of different anions on AV-17 anion exchanger. p. 1994
- Tsilevich, I. K., Torpudzhian, M. K. - Physicochemical properties of ion exchangers on a titanium base. p. 1997
- Kotova, A. V., Tokareva, L. N., Vnlishova, N. Kh. - Ion exchange in organic media. p. 2002
- Sheln, V. D., Mironov, G. S., Farberov, M. I. - Chloromethylation of xylenes and pseudocumene. p. 2006
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- Imantov, N. S., Rudkovskii, D. M. - Hydroformylation and hydrocarboxylation of cyclohexene in the presence of cobalt, rhodium, iridium, iron, and nickel carbonyls. p. 2020

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- PUT' I PUTEVOE KHOZIAISTVO [RAILROAD TRACKS AND ROADWAY MAINTENANCE]. Organ of Ministerstvo putei soobshcheniya SSSR [Ministry of Railroad Transportation of the U. S. S. R.]. Moscow, vol. II, no. 4, 1967.
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- Table of contents translated
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- Table of contents translated
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- SVERDLOVSK, URAL'SKII ELEKTROMEKHANICHESKII INSTITUT INZHENEROV ZHELEZNOGOROZHNOGO TRANSPORTA**, Trudy [URAL ELECTROMECHANICAL INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION, Transactions], No. 14, 1966. Transformers of converter units
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 Ministerstva Rady Ministriv URSS po koordinatsii naukovykh
 i tekhnicheskikh robit i Ukrain's'ke naukovy-tekhnichne
 visyslo kharchovoi promyslovosti [Institute of
 Technical Information of the State Committee of the
 Council of Ministers of the Ukrainian S.S.R. for the
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- Table of contents translated
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 pravlenie Nauchno-tekhnicheskogo obshchestva pishche-
 voi promyshlennosti [State Committee for the Food
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- Table of contents translated
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 [Ministry for Light Industry of the U.S.S.R. and the
 Central Administration of the Scientific Techno-
 logical Society of Light Industry]. Leningrad,
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- Table of contents translated:
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- Table of contents translated:
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Table of contents translated.

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- Table of contents translated:
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STAL' [STEEL]. Organ of Gosudarstvennyi komitet po chernoi i tsvetnoi metallurgii pri Gosplane SSSR [State Committee for Ferrous and Nonferrous Metallurgy, Attached to the State and Planning Committee of the U. S. S. R.] and others. Moscow, vol. 27, no. 12, Dec. 1967.

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PART C

List of Periodicals Indexed and Abbreviations Used

Akush. i gin. (14b)	Akusherstvo i ginekologiya [Obstetrics and Gynecology]	Ekos. Rad. Ukr. (5b)	Ekonomika Radians'koi Ukrainy [Economics of the Soviet Ukraine]
Antibiotiki (14f)	Antibiotiki [Antibiotics]	Ekos. sel'khoz. (5b)	Ekonomika sel'skogo khoziaistva [Economics of Agriculture]
Arkh. anat., gist. i embr. (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]	Eks. khir. i anest. (14b)	Eksperimental'naya khirurgiya i anesteziologiya [Experimental Surgery and Anesthesiology]
Arkh. pat. (14e)	Arkhiv patologii [Archives of Pathology]	Elek. i tepl. tiaga (16g)	Elektricheskaya i teplovoznaya tiaga [Electric and Diesel Locomotive Traction]
Arm. khim. zhur. (13d)	Armianskii khimicheskii zhurnal [Armenian Chemical Journal]	Elektrotekhnika (16e)	Elektrotekhnika [Electrical Engineering]
Atom. energ. (13f)	Atomnaya energiya [Atomic Energy]	Energ. i efek. (16e)	Energetika i elektrifikatsiya [Power Engineering and Electrification]
Avi. dor. (16d)	Avtomobil'nye dorogi [Highways]	Energomashino-stroenie (16g)	Energomashino-stroenie [Power Machinery Construction]
Avtom., telem. i svyaz' (16e)	Avtomatika, telemekhanika i svyaz' [Automatic Control, Remote Control, and Communications]	Farmatsiya (14f)	Farmatsiya [Pharmacy]
Az. i Afr. seg. (1b)	Azias i Afrika segodnya [Asia and Africa Today]	Ferm. i spir. prom. (16c)	Fermentnaya i spirtovaya promyshlennost' [Fermentation and Distilling Industry]
Azeib. med. zhur. (14a)	Azerbajchan tibb zhurnali [Azerbaijanskii meditsinskii zhurnal [Azerbaijan Medical Journal]]	Fin. SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Azerb. neft. khoz. (16h)	Azerbaidzhanskoe neftianoe khoziaistvo [Azerbaijan Petroleum Industry]	Fiz. gor. i vziyva (13f)	Fizika goreniya i vzryva [Physics of Combustion and Blasting]
Bet. i zhel. - bet. (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]	Fiz. niz. temp. (13f)	Fizika nizkikh temperatur [Physics of Low Temperatures]
Bibliot. SSSR (2b)	Biblioteki SSSR [Libraries of the U.S.S.R.]	Fiziol. rast. (13c)	Fiziologiya rastenii [Physiology of Plants]
Bibliotekoved. i bibl. za rub. (2b)	Bibliotekovedenie i bibliografiya za rubezhom [Library Science and Bibliography Abroad]	Fiziol. zhur. [Ukr.] (13c)	Fiziologichnyi zhurnal [Physiological Journal]
Bot. Glav. bot. sada (13c)	Mostov. Glavnyi botanicheskii sad, Bulletin [Main Botanical Garden, Bulletin]	Gaz. delo (16h)	Gazovoe delo [Gas Industry]
Biul. sta. opt. nabl. isk. sput. Zem. (13b)	Akademii nauk SSSR, Astronomicheskii sovet, Bulletin stantsii opticheskogo nabludeniya i issledovaniya kosmicheskoi Zemli [Academy of Sciences of the U.S.S.R., Astronomical Council, Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]	Gaz. prom. (16c)	Gazovaya promyshlennost' [Gas Industry]
Biul. VIR (15d)	Leningrad. Vsesoiuznyi institut rastenievodstva [Leningrad All-Union Institute of Plant Culture, Bulletin]	Geliotekhnika (16a)	Geliotekhnika [Solar Energy Engineering]
Bot. i issl. Bel. otd. VBO (13c)	Vsesoiuznoe botanicheskoe obshchestvo, Belorusskoe otdeleniye, Botanika, issledovaniya [All-Union Botanical Society, White Russian Branch, Botany, Research, Papers]	Genetika (13c)	Genetika [Genetics]
Bot. zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]	Geod. i kart. (16a)	Geodeziya i kartografiya [Geodesy and Cartography]
Bum. prom. (16f)	Bumazhnaya promyshlennost' [Paper Industry]	Geol. i geofiz. (12c)	Geologiya i geofizika [Geology and Geophysics]
Den. i kred. (5c)	Den'gi i kredit [Money and Credit]	Geol. zhur. (12c)	Geologichnyi zhurnal [Geological Journal]
Dif. urav. (13e)	Differentsial'nye uravneniya [Differential Equations]	Geotektonika (12c)	Geotektonika [Geotectonics]
Disk. anal. (13e)	Diskretnyi analiz [Discrete Analysis]	Gidraeromekhanika (13f)	Gidraeromekhanika [Hydroaeromechanics]
Dokl. AN Azerb. SSR (13a)	Akademii nauk Azerbaidzhanskoi SSR, Baku, Doklady [Academy of Sciences of the Azerbaijan S.S.R., Reports]	Gig. i san. (14g)	Gigiena i sanitariya [Hygiene and Sanitation]
Dokl. AN SSSR (13a)	Akademii nauk SSSR, Doklady [Academy of Sciences of the U.S.S.R., Reports]	Goi. elektro-mekh. i avtom. (16h)	Gornaya elektromekhanika i avtomatika [Electrical Engineering in Mining and Automatic Control]
Dokl. i soob. VNIIEKH (5b)	Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut ekonomiki sel'skogo khoziaistva, Doklady i soobshcheniya [All-Union Scientific Research Institute of Agricultural Economics, Reports and Papers]	Grazhd. av. (16h)	Grazhdanskaya aviatsiya [Civil Aviation]
Dop. AN URSS, Ser. A (13a)	Akademii nauk URSS, Kiev, Dopovidy. Seriya A: Fiziko-tekhnichestva i matematicheskii nauki [Academy of Sciences of the Ukrainian S.S.R., Reports, Series A: Physical, Technological, and Mathematical Sciences]	IAd. fiz. (13f)	IAdernaya fizika [Journal of Nuclear Physics]
Dop. AN URSS, Ser. B (13a)	Akademii nauk URSS, Kiev, Dopovidy. Seriya B: Geologiya, geofizika, khimiya i biologiya [Academy of Sciences of the Ukrainian S.S.R., Reports, Series B: Geology, Geophysics, Chemistry, and Biology]	Ist. - filol. sbor. (4a)	Istoriko-filologicheskii sbornik [Historical and Philological Papers]
Doshk. vosp. (8a)	Doshkol'noe vospitanie [Preschool Education]	Ist. i metod. est. nauk (13a)	Istoriya i metodologiya estestvennykh nauk [History and Methodology of the Natural Sciences]
Dvig. vnutr. sgor. (16g)	Dvigatel' vnutrennego sgoraniya [Internal-Combustion Engines]	Ist. SSSR (4a)	Istoriya SSSR [History of the U.S.S.R.]
Ekos. nefteob. prom. (5b)	Ekonomika nefteobrabatovushchei promyshlennosti [Economics of Petroleum Production]	Izm. tekhn. (16a)	Izmeritel'naya tekhnika [Measurement Techniques]
		Izv. AN Arm. SSR, Fiz. (13f)	Akademii nauk Armianskoi SSR, Eriyan. Izvestiya, Fizika [Academy of Sciences of the Armenian S.S.R., Bulletin, Physics]
		Izv. AN Azerb. SSR, Ser. fiz. - tekhn. i mat. nauk (1a)	Akademii nauk Azerbaidzhanskoi SSR, Baku, Izvestiya, Seriya fiziko-tekhnichestv i matematicheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R., Bulletin, Series in the Physical, Technological, and Mathematical Sciences]
		Izv. AN Azerb. SSR, Ser. nauk o zem. (12c)	Akademii nauk Azerbaidzhanskoi SSR, Baku, Izvestiya, Seriya nauk o zemle [Academy of Sciences of the Azerbaijan S.S.R., Bulletin, Series of the Earth Sciences]

Izv. AN Kazakh SSR. Ser. geol. (12c)	Akademiiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriiia geologicheskaiia [Academy of Sciences of the Kazakh S S R Bulletin Geological Series]	Khleb. i kond. prom. (16f)	Khlebopekarnaiia i konditerskaiia promyshlennost' [Baking and Confectionery Industry]
Izv. AN Kazakh SSR. Ser. khim. (13d)	Akademiiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriiia khimicheskaiia [Academy of Sciences of the Kazakh S S R Bulletin Chemical Series]	Khol. tekhn. (16c)	Kholodil'naiia tekhnika [Refrigeration Engineering]
Izv. AN SSSR. Neorg. mat. (13d)	Akademiiia nauk SSSR. Izvestiia. Seriiia Neorganicheskie materialy [Academy of Sciences of the U S S R Bulletin Inorganic Materials]	Kibernetika (13e)	Kibernetika [Cybernetics]
Izv. AN SSSR. Ser. fiz. (13f)	Akademiiia nauk SSSR. Izvestiia. Seriiia fizicheskaiia [Academy of Sciences of the U. S S R. Bulletin. Physical Series]	Kin. i kat. (13d)	Kinetika i kataliz [Kinetics and Catalysis]
Izv. AN SSSR. Ser. geol. (12c)	Akademiiia nauk SSSR. Izvestiia. Seriiia geologicheskaiia [Academy of Sciences of the U. S S R. Bulletin. Geological Series]	Kniga, issled. i mat. (2c)	Kniga, issledovaniia i materialy [The Book, Studies and Papers]
Izv. AN SSSR. Ser. lit. i iaz. (11b)	Akademiiia nauk SSSR. Izvestiia. Seriiia literaturny i iazyka [Academy of Sciences of the U. S. S. R. Bulletin. Series in Literature and Language]	Knizh. let. (2a)	Knizhnaiia letopis' [Book Chronicle]
Izv. AN SSSR. Ser. mat. (13e)	Akademiiia nauk SSSR. Izvestiia. Seriiia matematicheskaiia [Academy of Sciences of the U. S. S. R. Bulletin. Mathematical Series]	Koks i khim. (16c)	Koks i khimiia [Coke and Chemistry]
Izv. AN Uz SSR. Ser. fiz. - mat. nauk (13f)	Akademiiia nauk Uzbekskoi SSR. Tashkent. Izvestiia. Seriiia fiziko-matematicheskikh nauk [Academy of Sciences of the Uzbek S S R Bulletin Series in the Physical and Mathematical Sciences]	Koll. zhur. (13d)	Kolloidnyi zhurnal [Colloid Journal]
Izv. Otd. obshchestv. nauk AN Tadzh SSR (1a)	Akademiiia nauk Tadzhikskoi SSR, Dushanbe. Otdelenie obshchestvennykh nauk. Izvestiia [Academy of Sciences of the Tajik S. S. R. Department of Social Sciences. Bulletin]	Komm. Vooruzh. Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
Izv. TPI (16a)	Tomsk. Politehnicheskii institut imeni Kirova. Izvestiia [Kirov Polytechnic Institute Bulletin]	Kommunist (8)	Kommunist [Communist]
Izv. Vses. geog. ob-va (12b)	Geograficheskoe obshchestvo SSSR. Izvestiia [Geographic Society of the U. S. S. R. Bulletin]	Kon. i svol. min. (16h)	Konstitutsiia i svoistva mineralov [Constitution and Properties of Minerals]
Izv. vys. ucheb. zav., fiz. (13f)	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Physics]	Kons. i ov. prom. (16c)	Konservniiia i ovoshchesushl'naiia promyshlennost' [The Canning and Dehydrated Vegetable Industry]
Izv. vys. ucheb. zav., geod. i aerof. (13b)	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geodeziia i aerofotos'emka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geodesy and Aerial Photography]	Kosm. issl. (13b)	Kosmicheskie issledovaniia [Space Research]
Izv. vys. ucheb. zav., geol. i iazv. (16h)	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geologiiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geology and Prospecting]	Kozh. - obuv. prom. (16f)	Kozhevenno-obuvnaya promyshlennost' [Leather and Footwear Industry]
Izv. vys. ucheb. zav., mashinost. (16g)	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Machinery Manufacture]	Kristallografiia (13d)	Kristallografiia [Crystallography]
Izv. vys. ucheb. zav., nef't' i gaz (16h)	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, nef't' i gaz [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Petroleum and Gas]	Kryl. rod (16b)	Kryl'ia rodiny [Wings of the Motherland]
Izv. vys. ucheb. zav., prib. (16g)	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, priborostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Instrument Manufacture]	Lab. delo (14e)	Laboratornoe delo [Laboratory Work]
Izv. vys. ucheb. zav., radiofiz. (13f)	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Physics]	Lakokras. mat. i kh. prim. (16c)	Lakokrasochnye materialy i ikh primeneniie [Lacquer and Paint Materials and Their Use]
Izv. vya. ucheb. zav., tsvet. met. (16h)	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, tsvetnaya metallurgiiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Nonferrous Metallurgy]	Lit. i pol. iskop. (12c)	Litologiiia i polcznye iskopaemye [Lithology and Mineral Resources]
Izv. Zabalk. otd. Geog. ob-va SSSR (12b)	Geograficheskoe obshchestvo SSSR. Zabalkal'skii otdel. Izvestiia [Geographical Society of the U. S. S. R. Transbaikalian Branch. Bulletin]	Mag. gidr. (13f)	Magnitniiia gidrodinamika [Magnetohydrodynamics]
Kardiologiiia (14a)	Kardiologiiia [Cardiology]	Mat. Kom. po izuch. podzem. vod Sib. i Dal'. Vost. (12b)	Akademiiia nauk SSSR, Sibirskoe otdelenie, Komissiiia po izucheniiu podzemnykh vod Sibiri i Dal'nego Vostoka. Materialy [Academy of Sciences of the U. S. S. R. Siberian Department. Committee for the Study of the Underground Waters of Siberia and the Far East. Materials]
Khar. prom. (16f)	Kharchovna promyslovist' [Food Industry]	Mat. sbor. (13e)	Matematicheskii sbornik [Mathematical Review]
Khim. - farm. zhur. (14f)	Khimiko-farmatsevticheskii zhurnal [Chemical and Pharmaceutical Journal]	Mat. - tekhn. snabzhi. (5b)	Material'no-tekhnicheskoe snabzhenie [Supply of Materials and Equipment]
Khim. i nef't. mashinost. (16c)	Khimicheskoe i nef'tianoe mashinostroenie [Chemical and Petroleum Machinery Manufacture]	Mat. zam. (13e)	Matematicheskie zametki [Mathematical Notes]
Khim. i tekhn. topl. i masel (16c)	Khimiia i tekhnologiiia topliv i masel [Chemistry and Technology of Fuel and Oil]	Med. paraz. i paraz. bol. (14a)	Meditsinskaiia parazitologiiia i parazitarnye bolezni [Medical Parasitology and Parasitic Diseases]
Khim. prirod. soed. (13d)	Khimiia prirodnnykh soedinenii [Chemistry of Natural Compounds]	Med. tekhn. (14a)	Meditsinskaiia tekhnika [Medical Equipment]
Khirurgiiia (14h)	Khirurgiiia [Surgery]	Mekh. i avtom. proizv. (16g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]
		Mekh. tver. tela (13f)	Mekhanika tvordogo tela [Mechanics of Solids]
		Met. i gornorud. prom. (16h)	Metallurgicheskaiia i gornorudnaya promyshlennost' [Metallurgical, Mining, and Ore Dressing Industries]
		Metallaved. i term. obr. met (16h)	Metallavedenie i termicheskaiia obrabotka metallov [Metals and Heat Treatment of Metals]
		Metallurg (16h)	Metallurg [Metallurgist]
		Mont. i spets. rab. v stroit. (16d)	Montazhnye i spetsial'nye raboty v stroitel'stve [Assembly and Specialized Operations in Construction]
		Mor. sbor. (17b)	Morskoi sbornik, zhurnal Voenno-Morskogo Flota Soluza SSR [Naval Review; Magazine of the Soviet Navy]
		Muk. - elev. prom. (16f)	Mukomol'no-elevatornaya promyshlennost' [Flour Milling and Grain Storage]
		Na stroit. Ros. (16d)	Na stroikakh Rossii [At Russian Construction Projects]
		Nar. Az. i Afr. (4a)	Narody Azii i Afriki; istoriia, ekonomika, kul'tura [Peoples of Asia and Africa; History, Economics, Culture]
		Nauch. dokl. vys. shkoly, biol. nauk (13c)	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshikh shkoly; biologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Biological Sciences]
		Nauch. i tekhn. inform. za rub. (13a)	Nauchnaia i tekhnicheskaiia informatsiia za rubezhom [Scientific and Technological Information Abroad]
		[Nauch. trudy] ENIKMASHa (16g)	Moscow. Eksperimental'nyi nauchno-issledovatel'skii institut kuznechno-pressovogo mashinostroeniia. (Nauchnye trudy) [Experimental Scientific Research Institute for Press Forging in Machinery Manufacture. Studies]

Neft i proizvodstvo (16h)	Neftnaya i proizvodnaya promyshlennost' [Petroleum and Gas Industry]	Shoi, st. NIITIAZH-MASHA Uralmash-zavoda (16g)	Ural'skii mashinostroitel'nyi zavod, Sverdlovsk. Nauchno-issledovatel'skii institut tiazhologo mashinostroeniia, Sbornik statei [Ural Machinery Manufacturing Plant, Scientific Research Institute of Heavy Machinery Manufacture, Papers]
Neft khoz. (16h)	Neftianoe khoziaistvo [The Petroleum Industry]		
Neftokhimiia (16c)	Neftokhimiia [Petrochemistry]		
Neftoper i neftokhim (16h)	Neftoperacii i neftokhimiia [Petroleum Refining and Petroleum Chemistry]	Sbor. trud. Vses. zaosh. politekh. inst. (16a)	Moscow, Vsesoiuznyi zaoshnyi politekhnicheskii institut, Sbornik trudov [All-Union Correspondence Polytechnic Institute, Papers]
Neftiprom delo (16h)	Neftipromyslovoe delo [Petroleum Production]	Sel'stroi (16d)	Sel'skoe stroitel'stvo [Rural Construction]
Neftianik (16h)	Neftianik [The Petroleum Worker]	Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]
Nov. issl. v ped. nauk. (8a)	Novye issledovaniia v pedagogicheskikh naukakh [New Studies in the Pedagogical Sciences]	Shkola i proizvod (8a)	Shkola i proizvodstvo [School and Industry]
Nov. mir (11b)	Novyi mir [The New World]	Shvein prom (16f)	Shveinaya promyshlennost' [Clothing Industry]
Nov. vrem. (8)	Novoe vremia [New Times]		
Okeanologiya (12b)	Okeanologiya [Oceanology]	Soob. AN Gruz. SSR (1a)	Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports. Russian language edition]
Opt.-mekh. prom (16g)	Optiko-mekhanicheskaya promyshlennost' [Optical Instruments Industry]	Sois. zakon. (7)	Sotsialisticheskaya zakonnost' [Socialist Legality]
Optim. plan. (13e)	Optimal'noe planirovaniye [Optimum Planning]	Sov. gos. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
Ortop., travm. i protez. (14h)	Ortopediya, travmatologiya i protezirovaniye [Orthopedics, Traumatology, and Prosthesis]	Sov. iust. (7)	Sovetskaya iustitsiya [Soviet Justice]
PMTF (16a)	PMTF, zhurnal prikladnoi mekhaniki i tekhnicheskoi fiziki [PMTF, Journal of Applied Mechanics and Technical Physics]	Sov. med. (14a)	Sovetskaya meditsina [Soviet Medicine]
Plan khoz. (5b)	Planovoe khoziaistvo [Planned Economy]	Sov. pedagog. (8a)	Sovetskaya pedagogika [Soviet Pedagogy]
Plast. massy (16c)	Plasticheskie massy [Plastics]	Sov. potrieb. koop. (5a)	Sovetskaya potrebitel'skaya kooperatsiya [Soviet Consumer Cooperation]
Porosh. met. (16h)	Poroshkovaya metallurgiya [Powder Metallurgy]	Sov. shakht. (16h)	Sovetskii shakhter [Soviet Miner]
Prikl. mat. i mekh. (13e)	Prikladnaya matematika i mekhanika [Applied Mathematics and Mechanics]	Sov. slav. (4a)	Sovetskoe slavyanovedeniye [Soviet Slavic Studies]
Probl. Arkt. i Antarkt. (12b)	Problemy Arktiki i Antarktiki [Problems of the Arctic and the Antarctic]	Sov. voen. (17a)	Sovetskii voen. [Soviet Soldier]
Probl. gemat. i perel. krovi. (14e)	Problemy gematologii i perelivaniia krovi [Problems of Hematology and Blood Transfusion]	Sred. spets. obr. (8a)	Srednee spetsial'noe obrazovaniye [Secondary Specialized Education]
Probl. pered. inform. (13c)	Problemy peredachi informatsii [Problems of the Transmission of Information]	Stal' (16h)	Stal' [Steel]
Probl. raz. ekon. Dag. (5b)	Problemy razvitiia ekonomiki Dagestana [Problems of the Development of the Economics of Dagestan]	Stand. i kach. (16a)	Standarty i kachestvo [Standards and Quality]
Prof.-tech. obr. (16a)	Professional'no-tekhnicheskoe obrazovaniye [Vocational Technical Education]	Stroi. mekh. i rasch. soor. (16d)	Stroitel'naya mekhanika i raschet sooruzhenii [Structural Mechanics and Construction Calculations]
Prom. Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]	Sud. stroenik (17b)	Sudostroyeniye [Shipbuilding]
Put' i put. khoz. (16d)	Put' i putovoy khoziaistvo [Railroad Tracks and Roadway Maintenance]	Svar. proizv. (16f)	Svarochnoe proizvodstvo [Welding Practice]
Rad. pravo (7)	Radians'ke pravo [Soviet Law]	Tekh. est. (16a)	Tekhnicheskaya estetika [Industrial Aesthetics]
Rad. shk. (8a)	Radians'skaya shkola [Soviet School]	Tekh. i vooruzh. (17a)	Tekhnika i vooruzheniye [Technology and Armaments]
Radiokhimiia (13d)	Radiokhimiia [Radiochemistry]	Teor. i prak. fiz. kul't. (8b)	Teoriya i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]
Radiotekh. i elektron. (16a)	Radiotekhnika i elektronika [Radio Engineering and Electronics]	Teplotoenergetika (16g)	Teplotoenergetika [Heat Engineering]
	Razrabotka neftnykh i gazovykh mestorozhdenii [Development of Oil and Gas Fields]	Tepl. fiz. vys. temp. (13f)	Teplotfizika vysokikh temperatur [Thermophysics of High Temperatures]
	Razvedochnaya geofizika [Prospecting Geophysics]	Torf. prom. (16h)	Torfiannaya promyshlennost' [Peat Industry]
	Rechnoi transport [Inland Water Transportation]	Transp. i khran. nefti i nefteprod. (16h)	Transport i khraneniye nefti i nefteproduktov [Transportation and Storage of Petroleum and Petroleum Products]
	Rybnoe khoziaistvo [Fisheries]	Trudy Azerb. otd. TSNIO RKH (15b)	Tsentral'nyi nauchno-issledovatel'skii institut oselirovogo khoziaistva, Azerbaidzhanskoe otdeleniye, Trudy [Central Scientific Research Institute of Sturgeon Rearing, Azerbaijan Department, Transactions]
	Akademiia nauk SSSR, Nauchnyi soviet po effektivnosti osnovnykh fondov kapital'nykh vlozhenii i novoi tekhniki, Sbornik nauchnoi informatsii [Academy of Sciences of the U.S.S.R. Scientific Council on the Effectiveness of Capital Investment Funds and New Technology, Scientific Information]	Trudy Bot. inst. Ser. 4 (13c)	Akademiia nauk SSSR, Botanicheskii institut, Trudy, Seriya 4, Eksperimental'naya botanika [Academy of Sciences of the U.S.S.R. Botanical Institute, Transactions, Series 4, Experimental Botany]
	bovcherkassk. Nauchno-issledovatel'skii institut elektrovozostroeniia. Sbornik nauchnykh trudov [Scientific Research Institute of Electric Locomotive Design and Construction, Papers]	Trudy DIIT (16g)	Dnepropetrovsk, Instytut inzheneriv zaliznychnoho transportu, Trudy [Institute of Railroad Transportation Engineers, Transactions]
	Krasnoyarsk. Gosudarstvennyi meditsinskii institut. Sbornik nauchnykh trudov [State Medical Institute, Scientific Papers]	Trudy Fiz. inst. (13f)	Akademiia nauk SSSR, Fizicheskii institut, Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics, Transactions]
	lov-on-Don. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik nauchnykh trudov [Institute of Engineers of Railroad Transportation, Papers]	Trudy GAISH (13b)	Moscow, Universitet, Gosudarstvennyi astronomicheskii institut, Trudy [University State Astronomical Institute, Transactions]
		Trudy GGO (13f)	Leningrad, Glavnaya geofizicheskaya observatoriya, Trudy [Main Geophysical Observatory, Transactions]
		Trudy Geol. inst. AN Gruz. SSR (12c)	Akademiia nauk Gruzinskoi SSR, Tiflis, Geologicheskii institut, Trudy, Novaya seriya [Academy of Sciences of the Georgian S.S.R. Geological Institute, Transactions, New Series]

Trudy Inst. biol. vnutr. vod. (13c)	Akademii nauk SSSR, Institut biologii vnutrennikh vod. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Biology of Inland Waters. Transactions]	Uch. zap. Erev. un. (1a)	Erivan Universitet. Uchenye zapiski [University. Studies]
Trudy Inst. gor. dela AN Kazakh. SSR (16h)	Akademii nauk Kazakhskoi SSR, Alma-Ata, Institut gornogo dela. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Mining. Transactions]	Uch. zap. IILAL Dag. fil. AN SSSR (1a)	Akademii nauk SSSR Dagestanskii filial, Makhachkala. Institut istorii, iazyka i literatury. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Dagestan Branch Institute of History, Language, and Literature. Studies]
Trudy Inst. iad fiz AN Kazakh SSR (13f)	Akademii nauk Kazakhskoi SSR, Alma-Ata, Institut iadernoi fiziki. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Nuclear Physics. Transactions]	Uch. zap. Kar. ped. inst. (1a)	Petrozavodsk. Karelskii pedagogicheskii institut. Uchenye zapiski [Karelian Pedagogical Institute. Studies]
Trudy Inst. met. i obog. AN Kazakh. SSR (16h)	Akademii nauk Kazakhskoi SSR, Alma-Ata, Institut metallurgii i obogashcheniya. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Metallurgy and Ore Dressing. Transactions]	Uch. zap. Kish. un. (1a)	Kishinev. Universitet. Uchenye zapiski [University. Studies]
Trudy Inst. zashch. rast. AN Gruz. SSR (13c)	Akademii nauk Gruzinskoi SSR, Tiflis, Institut zashchity rastenii. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Plant Protection. Transactions]	Uch. zap. MGPI (1a)	Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow State Pedagogical Institute. Studies]
Trudy Inst. zool. AN Kazakh. SSR (13c)	Akademii nauk Kazakhskoi SSR, Alma-Ata, Institut zoologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Zoology. Transactions]	Uch. zap. Mold. gos. un. (1a)	Satansk. Moldovskii gosudarstvennyi universitet. Uchenye zapiski [Moldovin State University. Studies]
Trudy KHIT (16g)	Kharkov. Institut inzhenerov zailznychnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions]	Uch. zap. NIIGA. Paleont. i biostr. (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arkktiki. Uchenye zapiski. Paleontologiya i biostratigrafiya [Scientific Research Institute of the Geology of the Arctic Studies. Paleontology and Biostratigraphy]
Trudy KazNIGMI (13f)	Alma-Ata. Kazakhskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Kazakh Scientific Research Hydrometeorological Institute. Transactions]	Uch. zap. NIIGA. Reg. geol. (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arkktiki. Uchenye zapiski. Regional'naya geologiya [Scientific Research Institute of the Geology of the Arctic Studies. Regional Geology]
Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR (14b)	Akademii meditsinskikh nauk SSSR, Moscow. Kazakhskii institut klinicheskoi i eksperimental'noi khirurgii. Trudy [Academy of Medical Sciences of the U.S.S.R. Kazakh Institute of Clinical and Experimental Surgery. Transactions]	Uch. zap. Novosib. gos. ped. inst. (1a)	Novosibirsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy LITV (17a)	Leningrad. Institut vodnogo transporta. Trudy [Institute of Water Transportation. Transactions]	Uch. zap. Perm. gos. un. (1a)	Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A. I. Gertsena. Uchenye zapiski [A. I. Hertzsen State Pedagogical Institute. Studies]
Trudy MMBI (13c)	Akademii nauk SSSR, Murmanskii morskoi biologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Murmansk Marine Biology Institute. Transactions]	Uch. zap. VGPI (1a)	Vologda. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy Mat. inst. (13e)	Akademii nauk SSSR, Matematicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Mathematical Institute. Transactions]	Ugol' (16h)	Ugol' [Coal]
Trudy Mat. inst. AN Gruz. SSR (13e)	Akademii nauk Gruzinskoi SSR, Tiflis. Matematicheskii institut. Trudy [Academy of Sciences of the Georgian S.S.R. Mathematical Institute. Transactions]	Ukr. ist. zhur. (4a)	Ukrains'kii istorichnyi zhurnal [Ukrainian Historical Journal]
Trudy NIIAK (13f)	Moscow. Nauchno-issledovatel'skii institut aeroklimatologii. Trudy [Scientific Research Institute of Aeroclimatology. Transactions]	Usp. khim. (13d)	Uspekhi khimii [Progress in Chemistry]
Trudy Novo-kuz. GIDUVa (14a)	Novokuznetsk. Gosudarstvennyi institut dlia usovershenstvovaniya vrachei. Trudy [State Institute for Postgraduate Training of Physicians. Transactions]	Usp. mat. nauk (13e)	Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences]
Trudy SNIIGIMS (12c)	Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ya. Trudy [Siberian Scientific Research Institute of Geology, Geophysics, and Mineral Resources. Transactions]	Uzb. geol. zhur. (12c)	Uzbekskii geologicheskii zhurnal [Uzbek Geological Journal]
Trudy Sverd. sel'khoz. inst. (15a)	Sverdlovsk. Sel'skokhoziaistvennyi institut. Trudy [Agricultural Institute. Transactions]	Uzb. khim. zhur. (13d)	Uzbekskii khimicheskii zhurnal [Uzbek Chemical Journal]
Trudy TSINS (16c)	Kiev. Tsentral'nyi nauchno-issledovatel'skii institut sakharnoi promyshlennosti. Trudy [Central Scientific Research Institute of the Sugar Industry. Transactions]	V mire knig (2a)	V mire knig [In the World of Books]
Trudy TSNIIMF (17b)	Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota. Trudy [Central Scientific Research Institute of the Merchant Marine. Transactions]	Vech. sred. shkola (8a)	Vecherniaia sredniaia shkola [Evening Secondary School]
Trudy. Ural. elektromekh. inst. inzh. zhel. dor. transp. (16c)	Sverdlovsk. Ural'skii elektromekhanicheskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Ural Electromechanical Institute of Engineers of Railroad Transportation. Transactions]	Vest. AMN SSSR (14a)	Akademii meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
Trudy Ural'. politekh. inst. (16a)	Sverdlovsk. Ural'skii politekhnicheskii institut. Trudy [Ural Polytechnic Institute. Transactions]	Vest. AN Kazakh. SSR (1a)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal]
Trudy VIGIS (13c)	Moscow. Vsesoluznyi institut geoinzhinierov. Trudy [All-Union Institute of Helminthology. Transactions]	Vest. AN SSSR (1a)	Akademii nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Journal]
Trudy VNIGNI (16h)	Moscow. Vsesoluznyi nauchno-issledovatel'skii geologorazvedochnyi i nefteanal. institut. Trudy [All-Union Scientific Research Institute of Petroleum Geology and Prospecting. Transactions]	Vest. dermat. i ven. (14f)	Vestnik dermatologii i venerologii [Review of Dermatology and Venereology]
Trudy VNIRO (15b)	Moscow. Vsesoluznyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. Trudy [All-Union Scientific Research Institute of Marine Fisheries and Oceanography. Transactions]	Vest. drev. ist. (4a)	Akademii nauk SSSR. Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U.S.S.R. Institut of History. Review of Ancient History]
Trudy ZakNIGMI (13f)	Tiflis. Zakavkazskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Transcaucasian Scientific Research Hydrometeorological Institute. Transactions]	Vest. khir. (14h)	Vestnik khirurgii [Review of Surgery]
TSement (16d)	TSement [Cement]	Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
TSitologiya (13c)	TSitologiya [Cytology]	Vest. mashino-str. (16g)	Vestnik mashinostroyeniia [Machinery Manufacture Review]
TSvet. met. (16h)	TSvetnye metally [Nonferrous Metals]	Vest. Mosk. un. Ser. 1: Mat., mekh. (13e)	Moscow. Universitet. Vestnik. Seriya 1: Matematika, kharika [University. Review. Series 1: Mathematics Mechanics]
Tyl i snab. Sov. Voor. Sil (17a)	Tyl i snabzhenie Sovetskikh Vooruzhennykh Sil [The Rear and Supply of the Soviet Armed Forces]	Vest. Mosk. un. Ser. 2: Khim. (13d)	Moscow. Universitet. Vestnik. Seriya 2: Khimiia [University. Review. Series 2: Chemistry]
		Vest. Mosk. un. Ser. 3: Fiz., astron. (13f)	Moscow. Universitet. Vestnik. Seriya 3: Fizika, astronomiia [University. Review. Series 3: Physics, Astronomy]
		Vest. Mosk. un. Ser. 4: Geol. (12c)	Moscow. Universitet. Vestnik. Seriya 4: Geologiya [University. Review. Series 4: Geology]
		Vest. Mosk. un. Ser. 5: Geog. (12b)	Moscow. Universitet. Vestnik. Seriya 5: Geografiia [University. Review. Series 5: Geography]
		Vest. Mosk. un. Ser. 7: Ekon. (5b)	Moscow. Universitet. Vestnik. Seriya 7: Ekonomika [University. Review. Series 7: Economics]
		Vest. Mosk. un. Ser. 10: Filol. (11a)	Moscow. Universitet. Vestnik. Seriya 10: Filologiya [University. Review. Series 10: Philology]

Vest. Mosk un Ser 12 Pravo (7)	Moscow Universitet Vestnik Seriya 12. Pravo [University Review Series 12. Law]	Vsem. prof. dvizh. (5d)	Vsemnoe profsoyuznoe dvi zhenie [World Trade-Union Movement]
Vest. protivovozd. opor. (17a)	Vestnik protivovozdushnoi okrony [Air Defense Review]	Vych seism (12b)	Vychislitel'naya seismologiya [Computer Seismology]
Vest. stat. (5b)	Vestnik statistiki [Statistical Review]	Zakup. sel'khoz. prod. (6a)	Zakupki sel'skokhoznaiistvennykh produktov [Purchases of Agricultural Products]
Vest. vyssh shkol (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Educa- tion]	Zav lab (16h)	Zavodskaya laboratoriya [The Factory Laboratory]
Vestsi AN BSSR Ser hram nav. (1a)	Akademija nauk BSSR, Minsk. Seriya hramadskikh nauk [Academy of Sciences of the White Russian S S R Bulletin Series in the Social Sciences]	Zem i vsel (13b)	Zemlia i vseennaya [Earth and the Universe]
Vestsi AN BSSR Ser khim nav (13d)	Akademija nauk BSSR, Minsk. Vestsi Seriya khimicheskikh nauk [Academy of Sciences of the White Russian S S R. Bulletin Series in the Chemical Sciences]	Zemlevedenie (12b)	Zemlevedenie [Physical Geography]
Vod. i san. tekhn. (16d)	Vodosnabzhenie i sanitarnaya tekhnika [Water Supply and Sanitary Engineering]	Zhel doi transp (16g)	Zhelezнодороzhnyi transport [Railroad Transportation]
Voen. -ist zhur (4a)	Voenno-istoricheskii zhurnal [Military History Journal]	Zhur. anal. khim (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Voen znan (17a)	Voennoye znanie [Military Knowledge]	Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]	Zhur. fiz khim (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chem- istry]
Vop. iaz. (11a)	Voprosy iazykoznanija [Problems of Linguistics]	Zhur. nauch i prikl fot i kin. (16c)	Zhurnal nauchnoi i prikladnoi fotografii i kinematografii [Journal of Scientific and Applied Photography and Cinematography]
Vop. ikht. (13c)	Voprosy ikhtologii [Problems in Ichthyology]	Zhur. nevr. i psikh (14c)	Zhurnal nevropatologii i psikhiiatrii [Journal of Neurology and Psychiatry]
Vop. kur., fizioter. i lech. fiz. kul't (14e)	Voprosy kurologii, fizioterapii i lechenia fizicheskoi kul'tury [Problems of Health Resort Therapy, Physical Therapy, and Exercise Therapy]	Zhur. obsh. khim (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Vop. lit (11b)	Voprosy literatury [Problems of Literature]	Zhur. prikl. khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Vop. med. khim. (14f)	Voprosy meditsinskoi khimii [Problems of Medical Chem- istry]	Zhur. prikl. spekt (13f)	Zhurnal prikladnoi spektroskopii [Journal of Applied Spec- troscopy]
Vop. neirokhir. (14h)	Voprosy neirokhirurgii [Problems of Neurosurgery]	Zhur. strukt. khim. (13d)	Zhurnal strukturnoi khimii [Journal of Structural Chem- istry]
Vop. onk. (14e)	Voprosy onkologii [Problems of Oncology]	Zhur. tekhn. fiz (16a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
Vop. pit. (13c)	Voprosy pitanija [Problems of Nutrition]	Zhur. VKHO (13d)	Vsesoyuznoe khimicheskoe obshchestvo imeni D. I. Mendeleeva Zhurnal [D. I. Mendeleev All-Union Chemical Society Journal]
Vop. psikhol (3a)	Voprosy psikhologii [Problems of Psychology]	Zhur. vych mat. i mat. fiz. (13e)	Zhurnal vychislitel'noi matematiki i matematicheskoi fiziki [Journal of Computer Mathematics and Mathe- matical Physics]
Vop. teh. eksp. vych. mash. (16e)	Voprosy tekhnicheskoi ekspluatatsii vychislitel'nykh mashin [Problems of the Technical Use of Computers]	Zhurnal'ist (11b)	Zhurnal'ist [Journalist]
Vop. virus (13c)	Voprosy virusologii [Problems of Virology]	Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]

0. GENERALITIES

00 FUNDAMENTALS OF KNOWLEDGE AND CULTURE

- Chinese as accessible to all. Nov. 25 (18-26) 1966. 24-24. 1. '66.
- Effect of the October Revolution. P. I. Shchegolev. Voprosy 7 no. 11-15-17 '67.
- General character of technical style based on materials of American technical literature. S. I. Kaufman. Voprosy 10 no. 5 103-108 S-O '67.
- [Organization and effectiveness of scientific studies] Organizatsiya i effektivnost' nauchnykh issledovaniy. 2-e izd. Novosibirsk, "Nauka," 1967. 180 p.

002 DOCUMENTATION AND INFORMATION RETRIEVAL

- At the Coke By-Product Section of the Scientific Technological Council in the Ministry of Ferrous Metallurgy of the U.S.S.R. N. P. Vanguta. Koki i 1. 1 no. 6 61-63 '67.
- Basic principles for the establishment of unified classification system for the products of national economy. M. V. Orlin. Stand. i tekhn. 11 no. 9 61-67 S '67.
- Entropy of the Russian language. A. A. Motrovskaya, R. G. Plotovskii, K. A. Razzhivin. Voprosy, 11 no. 6 115-120 N-D '67.
- Experience in the information services in the field of social sciences. S. I. Kuznetsova. Bibliot. SSSR no. 33-76-82 '66.
- Library catalogs as a source of information. V. A. Ambartsumian. Bibliotekoved. i bibl. za rub. no. 22 100-118 '67.
- Automatize the information processing system. M. Romashko. Prom. Avtom. 9 no. 9 61-65 '66.
- Organizational forms of norm control in specifications. S. V. Iskhakov. Stand. i tekhn. 11 no. 9 61-63 S '67.
- Principal book. Stand. i tekhn. 11 no. 9 69-70 S '67.
- The role and the place of a scientific library in the system of information services, based on the materials of the Anglo-American library press. V. N. Oshkina. Bibliotekoved. i bibl. za rub. no. 22 81-99 '67.

002(431)—German Democratic Republic

- Organization of scientific and technical information in the German Democratic Republic. III. V. Iezhev. Nauch. i tekhn. inform. za rub. no. 134-26 '66.

002(41)—France

- Work of the Documentation Center in France. V. V. S. I. Iezheva. Nauch. i tekhn. inform. za rub. no. 190-116 '66.

002(492)—Netherlands

- Organization of scientific and technical information in the Netherlands. K. P. Mikhnevich. Nauch. i tekhn. inform. za rub. no. 127 89 '66.

01 BIBLIOGRAPHY

- Books about books. V mire knig 7 no. 12:40-41 '67.
- Books published for the anniversary. V mire knig 7 no. 11-12 '67.
- Some problems concerning the theoretical development of foreign bibliography abroad. D. I. Teplov. Bibliotekoved. i bibl. za rub. no. 22 5-36 '67.
- Subject planning of library work and the bibliography of recommended publications. A. I. Abgarova. Bibliot. SSSR no. 33-115-120 '66.
- Vilenskaya, S. K., A. N. Verevskina, and G. P. Fonotov. [Fundamentals of library and bibliographic science] Osnovy bibliotечно-bibliograficheskikh nauch. Pod red. A. D. Elkhengol'tsa. Moskva, "Vyssh. shkola," 1967. 117 p.

01(431)—German Democratic Republic

- Methodological problems of bibliography in the works of the bibliographers of the German Democratic Republic and the German Federal Republic. A. I. Baibuk. Bibliotekoved. i bibl. za rub. no. 22-37-57 '67.

01.0 BIBLIOGRAPHIES ON GENERALITIES (KNOWLEDGE AND CULTURE, BIBLIOGRAPHY, LIBRARIES, ORGANIZATIONS, ETC.)

- New books. Bibliot. SSSR, no. 36 187-189 '67.

01.3 BIBLIOGRAPHIES ON SOCIAL SCIENCES, LAW, MILITARY AND NAVAL SCIENCE, EDUCATION

- A jubilee series of booklets on the state and law published by the "Znanie" Publishing House. N. Sokolov. Sois. zakon. no. 11 93-96 N '67.
- [Leningrad State University named after A. A. Zhdanov during the Soviet regime, a short bibliographical index] Leningradskii o denu Lenina gosudarstvennyi universitet imeni A. A. Zhdanova za godov Sovetskoi vlasti, knizhnik bibliograficheskii ukazatel'. [Leningrad] Izd. Leningr. un-ta, 1967. 61 p.
- Recent legal literature published in the U.S.S.R., September-October 1967. Sov. gos. i pravo no. 1151-157 '67.

01.4 BIBLIOGRAPHIES ON PHILOLOGY AND LANGUAGE

- Books, periodicals, and booklets received by the editor. Voprosy 10 no. 1152 N-Ag '67.
- Books, periodicals, and booklets received by the editor. Voprosy, 11 no. 6 119 N-D '67.
- Books, periodicals, and booklets received by the editor. Voprosy, 11 no. 6 115 N-D '67.
- The 50th anniversary of Soviet studies in Slavic philology. S. B. Bernstein. Sov. slav. no. 3 77-93 '67.
- List of the principal works by Professor I. N. Vinnikov. Nauch. i 1. 1 no. 6 157-159 '67.

01.5 BIBLIOGRAPHIES ON MATHEMATICS AND NATURAL SCIENCES

- Bibliography of foreign literature on genetics. June 1967. Genetika no. 11 170-181 N '67.
- New books. Dop. AN URSS, Ser. B 29 no. 10-956 O '67.
- New literature on the geology and minerals of the Arctic and Antarctica. Uch. zap. NIGAI, Reg. geol. no. 9 251-269 '66.
- Published works of N. I. Tolstikhin. Mat. Kom. po izuch. podzem. vod Sib. i Dal. Vost. no. 3 11-16 '67.
- Summary catalog of Russian and foreign-language books on the history of mathematics and mechanics available at large Moscow libraries as of September, 1963. G. V. Koldanovskaya. Ist. i metod. est. nauk no. 5 229-269 '66.

01.6 BIBLIOGRAPHIES ON APPLIED SCIENCES, MEDICINE, TECHNOLOGY

- Books in Odessa in the first half of the 19th century. S. A. Rozovoi. Kniga, izd. 1 mat. no. 14 145-159 '67.
- 450 years of White Russian printing. A. I. Zhuravskii, A. N. Butko. Kniga, izd. 1 mat. no. 11-102-120 '67.
- New books. Med. tekhn. 1 no. 2 62 M-Ap '67.
- An unknown edition of a book published in Moscow in the 16th century. T. N. Kameneva. Kniga, izd. 1 mat. no. 11 133-144 '67.
- Where and when did Slavic printing begin; introduction of the problem. A. S. Mylnikov. Kniga, izd. 1 mat. no. 14 121-132 '67.

01.7 BIBLIOGRAPHIES ON THE ARTS, ENTERTAINMENT, SPORT

- Soviet studies on the artistic culture of foreign Slavic peoples. I. I. Svishida. Sov. slav. no. 5 67-76 '67.

01.8 BIBLIOGRAPHIES ON LITERATURE

- The study of foreign Slavic literatures in the Soviet Union, 1917-1967. V. I. Zhdnev. Sov. slav. no. 5-53-66 '67.

01.9 BIBLIOGRAPHIES ON HISTORY, GEOGRAPHY

- The Battle of Stalingrad. P. Ogarev. Voen.-ist. zhur. 9 no. 8 97-105 Ag '67.
- List of the principal works by Academician E. M. Zhukov. Nauch. i 1. 1 no. 6 150-155 '67.
- A list of the publications of the Geographical Society of the U.S.S.R. received by its library in 1866. Izv. Vses. geog. ob-va 99 no. 4 338-388 N-Ag '67.

- List of the principal works by Professor A. M. Shramitskiy on his 70th birthday. Nauch. i 1. 1 no. 6 159 '67.

- Problems of the First World War in the interpretation of Soviet historical literature published in 1964-1966. F. I. Shatsillo. Ist. SSSR no. 1 127-149 N-Ag '67.

- Recommended literature for students of local history. Ist. SSSR no. 4 203 N-Ag '67.

- Some pseudoscientific methods in the bourgeois bibliography of the history of the second World War. E. I. Spivalovskii. Bibliotekoved. i bibl. za rub. no. 22 58-82 '67.

- Soviet studies in the history of the Slavs, 1917-1967. V. D. Forulink. Sov. slav. no. 3 17-72 '67.

01.9(571.54)—Buryat A.S.S.R.

- [The 300th anniversary of the city of Ulan-Ude; a brief index of recommended literature] 300 let g. Ulan-Ude, kratkii rekomendatsionnyi ukazatel' literatury Ulan-Ude, 1966. 27 p.

017 CATALOGS

- Experience in the changeover of the divisions of the classified catalog to the new classification scheme. E. A. Tezheva, A. B. Kagan. Bibliot. SSSR no. 31 110-123 '67.
- New tables of the Library and Bibliographic Classification in the divisions of history and law. D. A. Tarasuk, O. B. Pomin. Bibliot. SSSR no. 33-67-75 '66.
- Problems of catalogs in Soviet library science. Z. N. Ambartsumian. Bibliot. SSSR no. 36 166-186 '67.
- Problems of Soviet library classification. Z. N. Ambartsumian. Bibliot. SSSR no. 33,57-66 '66.

02 LIBRARIES, LIBRARIANSHIP

- Anniversary news. Bibliot. SSSR no. 33-15-56 '66.
- Answers to V. I. Lenin's letter "To the People's Commissariat of Education", February 1919. K. I. Abramov. Bibliot. SSSR no. 34 30-10 '67.
- Books and the revolution; some documents on the development of library services and preservation of book collections in the first years of Soviet rule. I. T. Matynov. Bibliot. SSSR no. 34 49-54 '67.
- Changeover to the library and bibliographic classification on important condition for improving library work. I. S. Abrikosova. Bibliot. SSSR no. 34 108-115 '67.
- Decision of the Central Executive Committee of the U.S.S.R. "Library work in the U.S.S.R." (1931) and importance of its development. S. I. Volkova. Bibliot. SSSR no. 36 35-10 '67.
- Experience in the information services in the field of social sciences. S. I. Kuznetsova. Bibliot. SSSR no. 33-76-82 '66.
- Experience in the organizational and methodological direction of regional libraries in provinces. L. M. Kirillov. Bibliot. SSSR no. 33 104-114 '66.
- The first decree of the Soviet government on library work. N. N. Gudkov. Bibliot. SSSR no. 34 41-48 '67.
- The first measures taken by the Soviet Government in the field of library work. K. I. Abramov. Bibliot. SSSR no. 36 11-34 '67.

- An important part of the systematic propagation of Russian fiction. N. I. Dobrynina. Bibliot. SSSR no. 33 121-131 '66.

- Lenin's program of library services for the public. Bibliot. SSSR no. 36 3-13 '67.

- Librarians. P. Iur'ev. Sov. shakht. 16 no. 5-25 My '67.

- Library catalogs as a source of information. V. A. Ambartsumian. Bibliotekoved. i bibl. za rub. no. 22 100-118 '67.

- Library network of the Academy of Sciences of the U.S.S.R. B. N. Bachvaldin. Bibliot. SSSR no. 36 103-128 '67.

- Library work of the U.S.S.R. in figures. M. M. Polubotaiinov. Bibliot. SSSR no. 36 120-165 '67.

- Mass work of Soviet libraries during the restoration of the national economy, 1921-1925. E. A. Gersh. Bibliot. SSSR, no. 33-3-15 '66.

- New books. Bibliot. SSSR no. 36-107-189 '67.

- Development of library science. Bibliot. SSSR no. 31 119-164 '66
- Development in library science. Bibliot. SSSR no. 31 117-155 '67
- New tables of the Library and Bibliographic Classification in the disciplines of history and literature. D. A. Tarasuk, O. B. Ikonov. Bibliot. SSSR no. 31 67-75 '66
- Present problems of library statistics. I. M. Prumina. Bibliot. SSSR no. 34 71-84 '67
- Problems in library services for the city population. R. Z. Zolotarev. Bibliot. SSSR no. 34 85-90 '67
- Problems of statistics in Soviet library science. Z. N. Anbarasimyan. Bibliot. SSSR no. 36 156-186 '67
- Problems of Soviet library classification. Z. N. Anbarasimyan. Bibliot. SSSR no. 31 57-66 '66
- Sociological studies in library work. Bibliot. SSSR no. 34 124-132 '67
- Spreading information about patents among the personnel of industrial enterprises. V. V. Karaliova. Bibliot. SSSR no. 31 83-89 '66
- State libraries of the Union Republics. O. S. Chubarian. Bibliot. SSSR no. 36 51-75 '67
- Studying the demands of biologists for literature in their field, from the work experience of the scientific reading room of the V. I. Lenin State Library of the U.S.S.R. N. A. Dmitrieva, S. V. Zemskova, Z. G. Ignorova. Bibliot. SSSR no. 34 133-146 '67
- Subject planning of library work and the bibliography of recommended publications. A. I. Agaforova. Bibliot. SSSR no. 33 115-120 '66
- Technical libraries of the U.S.S.R. T. F. Karavayeva. Bibliot. SSSR no. 36 87-102 '67
- Treasure house of military thought. P. Dmitriev. Voen.-ist. zhur. 9 no. 7 104-111. Ji '67
- Vilenskaya, S. K., A. N. Verevkin, and G. P. Fonotov** [Fundamentals of library and bibliographic science] Osnovy bibliotечно-bibliograficheskikh znaniy. Pod red. A. D. Elkhengol'tsa. Moskva, "Vyssh shkola," 1967. 117 p.
- 02(41)---United Kingdom and Northern Ireland**
- The role and the place of a scientific library in the system of information services, based on the materials of the Anglo-American library press. V. N. Osakina. Bibliot. SSSR no. 31 89-99 '67
- 02(471.1)---Northern R.S.F.S.R.**
- Some problems of library services for the population of the Far North. I. V. Prutneva. Bibliot. SSSR no. 33 90-103 '66
- 02(471.310)---Moscow City**
- Participation in spreading information on sociopolitical literature, the Hall of Humanities of the V. I. Lenin State Library of the U.S.S.R. T. P. Bunakova, A. T. Litavova, T. G. Larina. Bibliot. SSSR no. 34 55-70 '67
- 02(471.344)---Chuvash A.S.S.R.**
- The first library of Chuvashia. A. Belousova. V mire knig 7 no. 12 42 '67.
- 02(474.5)---Lithuanian S.S.R.**
- Paths of the development of the network of state rural libraries in the Lithuanian S.S.R. V. Valkienė. Bibliot. SSSR no. 31 100-107 '67
- 02(477)---Ukrainian S.S.R.**
- Achievements in the development of library services in the Ukrainian S.S.R. I. V. Shazhko, S. I. Mints. Bibliot. SSSR no. 34 3-18 '67.
- 02(479.24)---Azerbaijan S.S.R.**
- Library service in Soviet Azerbaijan in 1920-1925. A. A. Khalilov. Bibliot. SSSR no. 33 16-27 '66
- 02(479.25)---Armenian S.S.R.**
- The development of library service in the Armenian S.S.R. G. G. Mkrtchian. Bibliot. SSSR no. 33 20-44 '66
- 02(571.53)---Irkutsk Province**
- [Work of Irkutsk Province libraries in the field of local history] Kraevedcheskaya rabota bibliotek Irkutskoi oblasti. Irkutsk, 1967. 69 p. (50-letniya Vostochno-Oskitskaya).
- 02(575.4)---Turkmen S.S.R.**
- Library work in Soviet Turkmenistan. E. O. Orakov. Bibliot. SSSR no. 34 20-29 '67
- 02(73)---United States of America**
- The role and the place of a scientific library in the system of information services, based on the materials of the Anglo-American library press. V. N. Osakina. Bibliot. SSSR no. 31 89-99 '67
- Books make me happy. G. Prozumenshchikov. V mire knig 7 no. 11 26 '67.
- A dear friend. V. Astafiev. V mire knig 7 no. 11 32 '67.
- Facts, finds, and information. V mire knig 7 no. 11 46-47 '67
- Like books. N. Moskalenko. V mire knig 7 no. 11 22 '67
- I want to imitate. B. Fatin. V mire knig 7 no. 11 36-37 '67.
- Librarians. P. Urelov. Sov. shakht. 16 no. 5 25. My '67.
- Out-of-class reading for the first grades in schools for the blind. F. B. Ostrovskaya. Uch. zap. Ped. inst. Gerts. 296 98-108 '66
- The Soviet reader. V mire knig 7 no. 11 '67.
- The way to the heart. F. I. Lukina. V mire knig 7 no. 11 8-9 '67.
- 03 ENCYCLOPEDIAS, DICTIONARIES, REFERENCE BOOKS**
- Dictionaries of Russian transcriptions of geographic names. M. B. Volostnova. Goid. i kart. no. 3 59-62. Mr '65
- Experience in preparing a comparative and historical dictionary of the Kartvelian languages. G. A. Klimov. Vop. iaz. 11 no. 3 151-152. My-Je '62.
- The normative and stylistic dictionary of modern Russian. IU. S. Sorokin. Vop. iaz. 11 no. 5 22-31. S-O '67
- V. Jaq's unrealized dictionary project. G. P. Blok, T. I. Lysenko. Vop. iaz. 11 no. 3 110-125. My-Je '62
- 05 PERIODICALS, REVIEWS**
- Anniversary headings of the coal mining press. S. Viktorova. Sov. shakht. 16 no. 6 10. Je '67.
- From readers' conferences. Moe. sbor. 51 no. 12 90-91. D '67
- Journal of poets. W. Butanitski. Vop. lit. 10 no. 8 151-159. Ig '66.
- New publications. N. I. Tolstov. Vop. iaz. no. 4 121. Ji-Ig '67.
- Readers on their periodical. Zhurnal.ist. no. 4 65. Ap '67.
- Review of K. K. Andriev's book "Thermal decomposition and combustion of explosives." A. F. Beliaev, N. M. Bakhtanov. Fiz. gori. i vzryv. 4 no. 2 318-319. Je '67
- Through the impediments of censorship, devoted to the centenary of the publication of the first issue of the periodical "Delo." B. I. Lysin. Kniga. izd. i mat. no. 14 236-240 '67
- The 30th anniversary of the "Vestnik drevnei istorii." Vest. drev. ist. no. 2 3-6. Ap-Je '67.
- With thoughts of our readers. Tyi i snab. Sov. Vost. Si. 28 no. 12 92-93. D '67
- 05(438)---Poland**
- "Wychowanie w przedszkolu" in 1966. G. Sukhanov. Doshk. vosp. 40 no. 7 107-108 '67.
- 05(439)---Hungary**
- Problems of the economic efficiency of capital investments and capital assets discussed in the "Kozgazdasagi szemle" journal. Shor. nauch. inform. Nauch. sov. po eff. i osn. fond. iaz. i nov. tekhn. AN SSSR no. 11 176-183 '67
- 05(477)---Ukrainian S.S.R.**
- Newspaper "Pravda" in the Donets Basin. Sov. shakht. 16 no. 5 19-21. My '67.
- 05(73)---United States of America**
- The magazine "Playboy." P. Verger, I. A. Zaslavskii. Zhurnal.ist. no. 4 59-61. Ap '67
- 06 ORGANIZATIONS, ASSOCIATIONS, CONGRESSES, MUSEUMS**
- All-Union Society of Inventors and Efficiency Promoters in road construction. I. Ozeier. Avt. dor. 29 no. 10 18-19. O '66
- Annual report of the Commission XI "Pressure Vessels, Boilers, and Pipes" at the 18th Congress of the International Institute of Welding in Delft (Holland), held in July 1966. Sval. proizv. no. 12 58-59. D '67.
- Brief news. Vop. iaz. 10 no. 5 144-158. S-O '61.
- First Interuniversity Conference on Radiation Physics. A. A. Vorobiev. Izv. vys. ucheb. zav. i fil. 10 no. 8 159-160 '67.
- The Great October Revolution and scientific progress. M. V. Keldysh. Vest. AN SSSR no. 11 13-40. N '67.
- An international conference on the problems of political science. S. Z. Sov. gos. i pravo no. 1 139-140. Ja '68
- The International Congress of Mining. R. Mikhailov. Sov. shakht. 16 no. 6 12-13. Ju '67.
- Scientific Information. Kibernetika no. 6 90-93. N-D '67.
- The Second International Conference on the Introduction of Computers. V. Loskutov. Mat.-tekhn. snabzh. 2 no. 11 92-93. N '67.
- Showing the new powered stopping unit to participants of the 5th International Mining Congress. V. Sula. Sov. shakht. 16 no. 7 8. Ji '67
- A weapon which does not grow old. A. M. Vilesov. Vest. protivovo'd. obor. no. 6 14-19. Je '64.
- 06(471.317)---Kostroma Province**
- Improve service to organizations operating on a profit basis. S. TSvetkov. Den. i kurd. 25 no. 12 59. Gi. D '67.
- 06(474.3)---Latvian S.S.R.**
- Academic and production conference on land utilization. D. Sakharov. Ekon. sel' khoz. 43 no. 12 116-118 '67
- 06(476)---White Russian S.S.R.**
- Work of the White Russian Branch of the All-Union Local Society in 1965-1966. Bot. i zool. Ped. i V. O. R. 211-250 '67
- 06(571)---Asiatic R.S.F.S.R.**
- History of the Transbaikalian Branch of the Geographic Society. V. A. Koshchikova. Izv. Zabaik. otd. Geogr. obsh. SSSR 1 no. 2 81-85 '65.
- 06.06 EXHIBITIONS, COMPETITIONS, EXAMINATIONS**
- All-Union review of youths' technical achievements. Vost. i san. tekhn. no. 12 17-18. D '67.
- Anniversary year Spartakada. Gzazhd. av. 24 no. 12 16-17. N '67.
- Anniversary exhibition in the "Grain Storage and Processing" Pavilion at the Exhibition of Achievements of the National Economy of the U.S.S.R. A. Babinov. Mok. i elev. prom. 33 no. 11 25-27. N '67
- Computing machines at the Exhibition of Achievements of the Economy of the U.S.S.R. V. Zelenin, M. A. P. snabzh. 2 no. 12 91-96. D '67.
- An exhibition of historical literature. N. M. Prutnev. Sov. slav. no. 5 121-126 '67
- The glorious path: anniversary exhibition "Soviet Union." S. Simakov. Kryn. rod. 18 no. 9 8-9. S '67.
- Holiday of the book. N. Beloglazova. Doshk. vosp. 40 no. 10 77-79 '67.
- International fairs in 1968. V. Rozan. Nov. vresh. 27 [i.e. 26] no. 6 7. F '68
- Sanitary engineering at two anniversary exhibitions. Vost. i san. tekhn. no. 12 10-21. D '67.
- Topical exhibitions are dissemination of progress: pedagogical experience. B. Lavrentuk. Ped. tekhn. obr. 24 no. 11 8. N '67.
- The winged power of the Soviets. Gzazhd. av. 24 no. 9 1-7. S '67.
- 06.06(471.232)---Leningrad City**
- At the Exhibition of the Achievements of the National Economy. M. A. Shvarts. Vest. mashinost. 47 no. 84. N '67
- 06.06(471.310)---Moscow City**
- International exhibition "Inprodmash-67." Vest. Mash. str. 47 no. 11 85. N '67
- The U.S.S.R. Exhibition of National Economic Achievements of the anniversary year. I. Ablov. G. G. i mov. Sov. vojn. 49 no. 15 37-40. Ap '67.
- 06.06(478)---Moldavian S.S.R.**
- Competition in the Republic. Stand. i kach. 31 no. 1. S '67
- 06.06(497.1)---Yugoslavia**
- Yugoslavian Industrial Exhibition. Vest. mashinost. no. 11 85-86. N '67.
- 06.06(71)---Canada**
- U.S.S.R.'s pavilion at Expo-67. A. Konstantinov. Izv. Ross. 8 no. 2 18-19 '67.
- 06.07 VARIOUS ACTIVITIES**
- 06.07(437)---Czechoslovakia**
- The role of public service organizations in cultural cooperation between the Soviet Union and Czechoslovakia. 1945-1966. V. U. Pavelko. Ukr. ist. zhur. 11 no. 9 4. S '67.
- 06.07(477)---Ukrainian S.S.R.**
- Creative cooperation between the writers of the Ukraine and the Ukraine during the Great Patriotic War. S. I. Ismailova. Ukr. ist. zhur. 11 no. 9 5. S '67.
- The role of public service organizations in cultural cooperation between the Soviet Union and Czechoslovakia. 1945-1966. V. U. Pavelko. Ukr. ist. zhur. 11 no. 9 4. S '67.
- The ties of fraternal friendship are growing stronger. M. F. Dmytrichenko. Ukr. ist. zhur. 11 no. 12 143-147. D '67.
- 06.07(479.25)---Armenian S.S.R.**
- The ties of fraternal friendship are growing stronger. M. F. Dmytrichenko. Ukr. ist. zhur. 11 no. 12 143-147. D '67
- 028 READING, ADVICE FOR READERS**
- Always within reach. . . V mire knig 7 no. 11 38-39 '67.

06.07(575.1)—Uzbek S.S.R.

Creative cooperation between the writers and artists of Uzbekistan and the Ukraine during the Great Patriotic War. S. I. Ismailova, Ukr. ist. zhur. 11 no. 9 68-69 S '67.

06.09 HISTORIC, INAUGURAL, COMMEMORATIVE CELEBRATIONS

- Anniversary news. Bibliot. SSSR no. 31:45-56 '66.
Bulgarian historians prepare for the approaching anniversary. Krasnaya Mitovska Sov. slav. no. 5-9:4-14 '67.
Everything for humanity, its welfare and happiness. I. Sidelnikov, Tyl i snab. Sov. Vost. Sib. 27 no. 6 7-12 Jo '67.
50 years of the Great October Socialist Revolution. Aikhi pat. 29 no. 10 3-5 '67.
The Great October Revolution and scientific progress. M. V. Koldyshev, Vest. AN SSSR no. 11:13-16 N '67.
Historical test of the Great October. A. M. Ruzantsev, Vest. AN SSSR no. 11:41-56 N '67.
In preparation for the 50th anniversary of the Great October. Zhelezn. dor. transp. 19 no. 7:3-6 N '67.
Let us meet the glorious anniversary in a proper way. M. D. Kiylova, Stud. spets. obr. 11 no. 7:11-15 JI '67.
Meeting of the Presidium of the Soviet Academy of Sciences in Leningrad. Vest. AN SSSR no. 11:72-76 N '67.
Moscow's handshake. Sov. voyn. 19 no. 17:8-9 S '67.
Our aim is communism. G. Bryzborodov, Grazhd. av. 24 no. 11:1-3 N '67.
Polish scholars prepare for the 50th anniversary of the Great October Revolution. Tadruzi Cieslak, Sov. slav. no. 5:99-102 '67.
Preparing for the anniversary of the October Revolution. Zhurnal. 10 no. 1:10 Ap '67.
Preparations for the anniversary of the October Revolution in Czechoslovakia. Oldirzka Fodkova, Sov. slav. no. 5:103-109 '67.
The U.S.S.R. Exhibition of National Economic Achievements of the anniversary year. E. Abrosyova, G. Makel'movich, Sov. voyn. 19 no. 15:37-10 Ag '67.
Young agricultural workers' contribution to the anniversary year. B. Upenkil, Prof.-tekhn. obr. 24 no. 11:88-19 N '67.
Yugoslav scholars prepare for the 50th anniversary of the October Revolution. Petar Damjanovic, Sov. slav. no. 9:103-111 '67.

06.09(438)—Poland

Polish youth marks the anniversary. Zenon Chareczuk, Sov. pedag. 31 no. 11:109-110 N '67.

06.09(471.232)—Leningrad City

Celebrations in the town of Lenin. I. Khalilov, Sov. voyn. 19 no. 19:2-3 O '67.

06.09(476)—White Russian S.S.R.

A session of the Academy of Sciences of the White Russian S.S.R. devoted to the 50th anniversary of the October Revolution. V. I. Chernikava, Vest. AN BSSR. Ser. human. nav. no. 4:139-140 '67.
A session of the Academy of Sciences of the White Russian S.S.R. V. I. Chernikava, Vest. AN BSSR. Ser. human. nav. no. 1:118-119 '67.

06.09(477)—Ukrainian S.S.R.

An anniversary conference. V. P. Bulkina, Ukr. ist. zhur. 11 no. 12:110-112 D '67.
"Pedagogical lectures" in the Ukrainian S.S.R. devoted to the anniversary of the October Revolution. H. O. Tsvetkova, Ukr. ist. zhur. 11 no. 9:150-159 S '67.

06.1 INSTITUTIONS, ASSOCIATIONS, CONGRESSES, ETC.

- Brief news. Vop. lav. 11 no. 3:153-156 My-Je '62.
Brief news. Vop. lav. 11 no. 6:142-144 N-D '62.
Brief news. Vop. lav. no. 6:144-145 N-D '67.
Eighth International Congress on Mineral Dressing. V. S. Kiminskii, Ugol' 43 no. 173 Ja '60.
First All-Union Conference on the Internal Friction in Nonmetallic Inorganic Materials. N. A. Tlapunina, M. P. Shvach'skaya, L. A. Shvach, Kristallografiya 12 no. 1:743-744 JI-Ag '67.
From readers' conferences. Mor. sbor. 51 no. 12:90-91 D '67.
The "Interzormash-67" Exhibition: mining machinery of the whole world. Sov. shakht. 18 no. 7:6-7 JI '67.
International conference on the problems of processing and chemistry of grain. P. Koz'mina, Muk. elev. prom. 33 no. 10:27-29 O '67.

M

Surgeons, Orthopedists and Traumatologists jointly with the Out-of-town Session of the Scientific Council of Leningrad State Scientific Research Institute of Traumatology and Orthopedics. Materialy. Belgorod, [1967], 108 p.

On the 4th and the forthcoming 5th All-Union Conference on Biochemistry and Chemistry of Carbohydrates. P. P. Bachinskiy, Vop. med. khim. 13 no. 6:647-648 N-D '67.

- Problems of speech discussed at the Congress of Psychologists. G. Lammur, Doshk. vosp. 10 no. 7:35-40 '67.
Republican seminar on welding at Vilnius. A. Z. Glebov, L. N. Fedorov, Svar. prom. no. 1:60-61 Ja '68.
Scientific and Technical Society of the Petroleum and Gas Industries on the eve of the 50th anniversary of the Great October Revolution. I. L. Cherniak, N. V. Akushova, Neft. khoz. 15 no. 10:61-67 O '67.
The "Scientific organization of work in coal industry" seminar. I. A. Rozenberg, Ugol' 43 no. 171-76 Ja '68.
Scientific technical seminar on resistance welding of metals. A. A. Chapaev, Svar. prom. no. 1:61-62 Ja '68.
Seminar on technological aesthetics. Tekh. est. 3 no. 1:32 Ap '66.
To the fourth Congress of Writers of the U.S.S.R. Vop. lit. 11 no. 7:3-7 JI '67.
3rd Congress of the Communist Party. Tekh. est. 3 no. 1:1 Ap '66.

061(430)—Germany

Russian students of antiquity at the Berlin Academy of Sciences. Johannes Imhmer, Vest. drev. ist. no. 2:112-123 Ap-Je '67.

061(477)—Ukrainian S.S.R.

- A great scientific center. N. I. Kravatsky, Met. i gornorud. prom. no. 5:74-76 S-O '67.
Honorable duty of scientists. N. G. Gavrilenko, Met. i gornorud. prom. no. 5:71-74 S-O '67.
Scientific activity of the Institute for the Study of Materials at the Academy of Sciences of the Ukrainian S.S.R. N. I. Frantsevich, Porosh. met. 7 no. 10:91-99 O '67.
The UKRGIPROMIZ (Ukrainian State Institute for the Design of Metallurgical Plants) is the general designer. M. B. Rozenshteyn, Met. i gornorud. prom. no. 3:88-89 S-O '67.

061(407.2)—Bulgaria

At the 2d Congress of Bulgarian Mathematicians. I. F. Pavlenko, Rad. shk. 46 no. 11:99-101 N '67.

069 MUSEUMS, PERMANENT COLLECTIONS

- New developments in the work of museums. Ist. SSSR no. 4:204-207 JI-Ag '67.
The paths of Soviet regional studies. A. M. Rozgon, Ist. SSSR no. 4:190-201 JI-Ag '67.
The people's path to his memorial will not become obliterated. P. P. Sadykov, Put' i put. khoz. 11 no. 4:9-10 '67.
What banners tell us. IU Volnov, Tekh. i voozrzh. 26 no. 10:28-29 O '67.

069(471.318)—Kaluga Province

A stately palace on the Oka. I. Kozhentshev, A. Kostin, Kizl. rod. 18 no. 12:14-15 D '67.

069(474.2)—Estonian S.S.R.

[Lydia Koldula Memorial Museum] Lydia Koldula Memorial Museum. Parnu, 1966, 30 p. (chiefly illus.) [In Estonian]

07 NEWSPAPERS, JOURNALISM

- The beloved genre. B. Anin, Doshk. vosp. 10 no. 7:77-80 '67.
The case was dismissed, but the conflict continues. A. Blatin, E. Shepelev, Zhurnal. 10 no. 4:18-20 Ap '67.
The compactness of information. M. Cherepakhov, Zhurnal. 10 no. 4:42-43 Ap '67.
The dossier of a journalist. Zhurnal. 10 no. 4:7 Ap '67.
God created man without spare parts. Zhurnal. 10 no. 4:77-78 Ap '67.
A journalist writes on journalism. Let's think! A. Agronovskii, Zhurnal. 10 no. 15-18 Ap '67.
"A marriage without convenience." Zhurnal. 10 no. 4:32 Ap '67.
Meeting of historians of our time. Zhurnal. 10 no. 4:11-14 Ap '67.
Moscow. A-16 reports to "Zhurnal." Zhurnal. 10 no. 4:48-54 Ap '67.
N. G. Chernyshevskii, historian of Russian journalism at the end of the 1820's and the beginning of the 1830's. Chernyshevskii and N. Polevoi. D. K. Motol'skaya, Uch. zap. Ped. inst. Gerts. 309:210-236 '68.
Our everyday language. Zhurnal. 10 no. 4:44 Ap '67.
Present-day worker and farmer reporter. Is he still alive and kicking? N. Vasilenko, Zhurnal. 10 no. 4:21-23 Ap '67.
The struggle of M. E. Saltykov-Shchedrin with the reactionary and liberal press in 1863-1864. V. F. Nikiforova, Uch. zap. Ped. inst. Gerts. 309:237-255 '66.
Ten useful points of advice for the artist and designer. S. Spasskii, Zhurnal. 10 no. 4:79 Ap '67.

07(438)—Poland

"Maly przeglad" of Janusz Korczak. Translated from the Polish. Zhurnal. 10 no. 4:32-33 Ap '67.

07(45)—Italy

12 faurini Street. V. I. Makov, Zhurnal. 10 no. 4:21-25 Ap '67.

07(474.2)—Estonian S.S.R.

Peebel, Johan. [The beginnings of Estonian journalism, 1766-1857] Eesti ajakirjanduse algus, 1766-1857. Tallinn, "Valgus," 1966. 145 p. [In Estonian]

07(571.62)—Khabarovsk Territory

The first fiddle. A. Miliav, Zhurnal. 10 no. 4:26-27 Ap '67.

07(575.3)—Uzbek S.S.R.

Arifov, S. [Uzbekistan's press promotes the over-all mechanization of cotton growing] Pechat' Uzbekistana za kompleksnuu mekhanizatsiu khlopkovodstva. Tashkent, "Uzbekistan," 1966. 65 p.

075 TEXTBOOKS, PRIMERS, ETC.

- Compilation of programmed textbooks. L. Moroz, Prof. i tekhn. obr. 24 no. 11:13-15 N '67.
A conference of French and Soviet historians on a discussion of school textbooks. A. M. Sitnikov, Ist. SSSR no. 4:176-178 JI-Ag '67.

09 MANUSCRIPTS, RARE AND REMARKABLE WORKS

Documents tell the story. Mor. sbor. 50 no. 9:23-28 S '67.

09(476)—White Russian S.S.R.

A session of the Academy of Sciences of the White Russian S.S.R. V. I. Chernikava, Vest. AN BSSR. Ser. human. nav. no. 4:138-139 '67.

09(574)—Kazakh S.S.R.

More about a runic inscription in the Irtysh Valley. A. S. Amanzholov, Vest. AN Kazakh SSR 23 no. 9:66-70 S '67.

1. PHILOSOPHY, METAPHYSICS, PSYCHOLOGY, LOGIC, ETHICS AND MORALS

10 PHILOSOPHY

Zonal'naia nauchnaia konferentsiia po filosofskim naukam, 2d, 1965. [Materials of the Second Regional Conference on Philosophical Sciences] Materialy. Perm', 1966. 528 p.

100 MARXIST PHILOSOPHY, DIALECTIC MATERIALISM

- [Dialectical and historical materialism] Dialekticheski i istoricheski materializm. Moskva, Politizdat, 1967. 320 p.
[An elementary course in philosophy; for students of schools teaching the principles of Marxism-Leninism] Pochatkovyi kurs filosofii, dia. slukhachy shkol osnov. naiznazu - leninizmu. Kyiv, Politytdav Ukrainy, 1966. 279 p. (Dla systemy partinnoho navchannia).
Mathematization of knowledge and dialectical materialism. I. Akaburn, Kommunist 44 no. 2:45-55 Ja '68.
The October Revolution and philosophy. V. I. Syrtsov, Vest. AN SSSR no. 11:112-114 N '67.
The October Revolution and world literature: session in Moscow. E. F. Tushchenko, Vest. AN SSSR no. 11:117-119 N '67.
Rozhin, V. P. [Methods in teaching Marxist-Leninist philosophy] Metodika prepodavaniia marksistsko-leninskoi filosofii [Leningrad] Izd. Leningr. un-va, 1967. 157 p.
Zonal'naia nauchnaia konferentsiia po filosofskim naukam, 2d, 1965. [Materials of the Second Regional Conference on Philosophical Sciences] Materialy. Perm', 1966. 528 p.

100(477)—Ukrainian S.S.R.

A conference devoted to the development of philosophical studies in the Ukraine during the Soviet regime. M. Z. Ushmanov, Ukr. ist. zhur. 11 no. 9:154-155 S '67.

14 PHILOSOPHICAL SYSTEMS

Kierkegaard and the philosophic and aesthetic sources of existentialism. P. Gaidenko, Vop. lit. 11 no. 7:133-157 JI '67.

159.9 PSYCHOLOGY

Authority. K. Kolev, Sov. voyn. 49 no. 23:30 D '67.
Building of communism and scientific psychology. Vop. psikh. 13 no. 5:3-12 S-O '67.

- Comprehension of series relationships in preschool children. Report No. 1 Spontaneously formed levels of comprehension of series relationships. I. A. Proskurnin. Nov. 1967. *ped. nauk* no. 9 117-118 '67.
- Creativity in the pictorial arts in early childhood. R. L. Lantsev. *Doshk. vosp.* 10 no. 1 30-32 '67.
- Developing cognitive activity in students through instruction and the problem of forms of mental activity. V. I. Reshetnikov. Nov. 1967. *ped. nauk* no. 9 119-121 '67.
- Developing skills in practical and instructional work problem situations. Report No. 1. Developing skills in practical work problem situations. I. A. Petukhov. Nov. 1967. *ped. nauk* no. 9 112-116 '67.
- Evaluating psychological qualities of flight crew's more fully. I. D. Dolzhikov. *Mor. shor.* 51 no. 1 57-59 Ja '68.
- 50 years of Soviet psychology. A. A. Semenov. *Vop. psikh.* 13 no. 5 113-17 S-O '67.
- 50 years of Soviet psychology of teaching. N. A. Mendel'son. *Vop. psikh.* 13 no. 5 71-68 S-O '67.
- 50 years of Soviet psychophysiology. I. I. Borko. *Vop. psikh.* 13 no. 5 114-123 S-O '67.
- From the consulting room of a neuropsychologist. S. I. Fainberg. *Doshk. vosp.* 10 no. 5 88-90 '67.
- Half a century of the Soviet theory of psychology. V. K. Krut'skiy. *Sem'ia i shkola* 22 no. 11 16-19 N '67.
- History of Soviet labor psychology. II. V. Kotel'ova. *Vop. psikh.* 13 no. 5 116-148 S-O '67.
- Individual differences in readiness for an emergency action. M. M. Fritova. Nov. 1967. *ped. nauk* no. 9 125-131 '67.
- Intensification of students' mental activity in practical physics lessons in secondary schools. I. I. Antsiferov. Nov. 1967. *ped. nauk* no. 9 26-28 '67.
- Leading ideas of the Soviet theory of psychology. H. S. Kosniuk. *Rad. shk.* 16 no. 11-12-13 N '67.
- Man and his occupation. I. N. Nefimov. *Vop. psikh.* 13 no. 5 183-190 S-O '67.
- Neuropsychology, a new branch of the science of psychology. F. D. Klenitskaya. *Vop. psikh.* 13 no. 5 103-113 S-O '67.
- New advances in the theory of psychology in the Soviet Union. *Sov. pedagog.* 31 no. 11 18-60 N '67.
- Position of the child in the collective and his level of independence. I. G. Mikhailovskiy. Nov. 1967. *ped. nauk* no. 9 60-64 '67.
- The problem of image in the psychology of the blind. A. G. Litvak. *Uch. zap. Ped. inst. Gerts.* 296 135-149 '68.
- [Problems in the psychology of engineering] Problemy inzhenernoi psikhologii. Moskva, "Nauka," 1967. 196 p.
- Problems of speech discussed at the Congress of Psychologists. G. L. Lantsev. *Doshk. vosp.* 10 no. 7 35-40 '67.
- Problems of the development of thinking in P. P. Blonskiy's works. A. A. Nikol'skaya. *Vop. psikh.* 13 no. 5 89-102 S-O '67.
- Problems of the psychology of perception in the 6th International Psychological Congress. I. A. Venger, A. V. Zaporozhets, V. P. Zinchenko. *Vop. psikh.* 13 no. 3 159-174 S-O '67.
- Problems of vision in the works of Soviet psychologists and physiologists. A. I. Bogdanovskiy. *Vop. psikh.* 13 no. 5 124-138 S-O '67.
- Protect the child's nervous system. N. Akarina. *Sem'ia i shkola* 22 no. 11 28-30 N '67.
- Psychology of a military collective. V. I. Kovalev. *Vest. protivovozd. oboz.* no. 12 28-32 D '67.
- Psychology of a pilot's courage. V. A. Ponomarenko. *Vest. protivovozd. oboz.* no. 9 42-10 S '67.
- The question of early ontogenesis discussed at a congress of psychologists. M. Kistakovskaya. *Doshk. vosp.* 40 no. 5 40-43 '67.
- Soviet educational psychology during 50 years. L. I. Borzhovich, L. S. Slavina. *Vop. psikh.* 13 no. 5 51-70 S-O '67.
- Special psychology on the 5th Anniversary Scientific Session of Defectology. Zh. I. Shif, V. G. Petrova. *Vop. psikh.* 13 no. 5 175-182 S-O '67.
- Theoretical problems of psychology in S. L. Rubinshteyn's works. E. V. Shorokhova. *Vop. psikh.* 13 no. 5 38-50 S-O '67.
- Urgent problems of psychological science. A. Leont'ev. *Kommunist* 44 no. 2 56-69 Ja '68.

159.9(471.232)—Leningrad City

Contribution of psychologists of the City of Leningrad to the development of Soviet psychology. A. A. Bodalev. *Vop. psikh.* 13 no. 5 149-158 S-O '67.

16 LOGIC. THEORY OF KNOWLEDGE. REASONING

Borisov, V. M. [Levels of the logical process and basic trends in their study] Urovni logicheskogo protsessa i osnovnye napravleniya ikh issledovaniya. Otv. red. M. A. Rozov. Novosibirsk, "Nauka," 1967. 210 p.

Expression of logical sequences in scientific style (based on English language). S. K. Gerasimova, S. I. Kaufman. *Trudy Sverd. sel'sk. inst.* 14 272-276 '65.

165 THEORY OF KNOWLEDGE

Mathematization of knowledge and dialectical materialism. I. A. Khechin. *Kommunist* 44 no. 2 15-55 Ja '68.

167 SCIENTIFIC INQUIRY

Expression of logical sequences in scientific style (based on English language). S. K. Gerasimova, S. I. Kaufman. *Trudy Sverd. sel'sk. inst.* 14 272-276 '65.

In the world of science and technology. *Mor. shor.* 51 no. 1 70-72 Ja '68.

Material ingredients of the speech of the scientific style. S. I. Kuznetsov. *Trudy Sverd. sel'sk. inst.* 14 270-271 '65.

Some stylistic characteristics of a scientific statement. S. I. Kaufman, D. S. Luchman. *Trudy Sverd. sel'sk. inst.* 14 277-280 '65.

168 SCIENTIFIC SYSTEMATIZATION

Developing the all-Union classification system for agricultural production. E. V. Alshabiev, L. M. Derzhak. *Dokl. i soob. VNIISKH* no. 32 128-132 '66.

17 ETHICS. MORALS. CONVENTIONS

Developing a communist attitude toward work in students. I. K. Matuzha. *Ukr. ist. zhur.* 11 no. 12 105-108 D '67.

Development of the Marxist-Leninist theory of moral education. N. I. Boldyrev. *Sov. pedagog.* 31 no. 11 119-130 N '67.

Examples of valor. *Komm. Vooruzh.* 511 18 no. 18 75-76 S '67.

Kuznetsov, F. F. [A citizen is growing up.] *Rastet grazhdanin*. Moskva, "Znanie," 1967. 47 p. (Narodnyi universitet. Pedagogicheskii fakul'tet, 12).

Moral training is a basis for moral education. A. S. Golubichin. *Shkola i prizr.* 11 no. 8 6-7 Ag '67.

My the people live forever! Yavaya Kaibor'skaya. *Doshk. vosp.* 40 no. 10 91-93 '67.

Our contribution to a noble cause. N. Ristovich. *Sred. shkola, obz.* 11 no. 4 13 Ap '67.

To love your country and to know how to defend it. O. Rukhman. *Vech. sred. shkola* 10 no. 5 73-76 S-O '67.

Training in courage and steadfastness. I. Barygin. *Prof. i tekhn. obz.* 23 no. 5 20-21 My '66.

Teaching the students of general schools to be conscientious Soviet citizens. M. I. Krasovskiy. *Ukr. ist. zhur.* 11 no. 8 121-129 S '67.

Visiting the places associated with glorious guerillas. A. Krivko. *Sred. shkola, obz.* 14 no. 11 12-13 N '67.

When peace settles on the land. L. Shitina. *Doshk. vosp.* 40 no. 10 93-96 '67.

18.01 AESTHETICS AND TASTE

Animate the whole world for them. A. Vinogradova. *Doshk. vosp.* 40 no. 5 13-16 '67.

Problems of the aesthetic education of children with defective hearing while working on the development of their speech. M. I. Ivanova. *Uch. zap. Ped. inst. Gerts.* 296 39-68 '66.

18.01(44)—France

Prod'oechny, G. P. [French bourgeois aesthetics; the 1940's-1960's] Frantsuzskaya burzhuaznaya estetika, 40-60-e gg. XX v. Rostov/D, Izd. Rost. un-ta, 1967. 252 p.

2. RELIGION

20 RELIGION IN GENERAL

Livshits, G. M. [Origin of Christianity in the light of the Dead Sea scrolls] Proiskhozhdenie khristianstva v svete rukopisei Merivogo moria. Minsk, "Vyshelsh. shkola," 1967. 319 p.

21 RELIGION AND SCIENCE

Faddeev, E. T. [The "miracles" of religion and the power of science] "Chudesna" religii i mogushchestvo nauki. Moskva, "Znanie," 1967. 47 p. (Novoe v zhizni, nauke, tekhnike. XII Seriya: Estestvoznaniye i religiya, 11).

211 ATHEISM

Atheistic education and the overcoming of religious family traditions in children. Report No. 2 Significance of atheistic education in overcoming religious traditions in adolescents and children. M. D. Shevchenko. Nov. 1967. *ped. nauk* no. 9 65-69 '67.

"The hypocrite." I. Beker. *V mire knig* 7 no. 11 10-11 '67.

[Phases in the development of atheism in the U.S.S.R.] Po etapam razvitiya ateizma v SSSR. Leningrad, "Nauka," 1967. 331 p.

The union between the mind and book. R. Baltanov. *V mire knig* 7 no. 12 2-3 '67.

215 ANTIRELIGIOUS PROPAGANDA

215(477)—Ukrainian S.S.R.

Work experience of the Ukrainian party organization in the atheistic education of workers, 1921-1925. H. L. Semenko. *Ukr. ist. zhur.* 11 no. 9 103-108 S '67.

28 CHRISTIAN CHURCHES AND SECTS

History of the old Russian church in the 10th-12th ccs. I. A. M. Shepova. *Ukr. ist. zhur.* 11 no. 9 87-93 S '67.

28(477)—Ukrainian S.S.R.

Slyvka, I. I. [Reactionary role of the Uniates in the history of the Ukrainian people] Reaktsiyni roli i istoriia ukrains'koho naroda. Kyiv, "Znannya," 1966 p. (Bibliotekha z istorii Ukrainy).

3. SOCIAL SCIENCES. ECONOMICS. LA. GOVERNMENT. MILITARY AND NAVY. SCIENCE. EDUCATION

30 SOCIAL SCIENCES

Urgent tasks for the further development of social sciences. *Nat. Az. i Af.* no. 6 5-10 '67.

30.02 CHILDREN

Children of a new world. V. Koltunovskiy. *Sem'ia i shkola* 22 no. 11 20-22 N '67.

The children's clothing as seen by a physician. G. Tsvet'eva. *Doshk. vosp.* 10 no. 7 33-35 '67.

"Consider us to be the Communists." O. Oskol. *Sem'ia i shkola* 22 no. 11 11 N '67.

"I will give to other people what you gave to me." D. vosp. 10 no. 7 58-62 '67.

The indefatigable researcher. Kornel Chukovskiy. *Sem'ia i shkola* 22 no. 11 26-27 N '67.

Letters on various themes. *Sem'ia i shkola* 22 no. 11 47-49 N '67.

Maximal use of oxygen in 8 to 14-year-old children. S. B. Tikhvinskii, Z. E. Romanova. *Tvor. i prakt. fiz. kul't.* 30 no. 10 16-17 O '67.

Those who are six-years old. B. Dzhur. *Doshk. vosp.* 10 no. 7 15-17 '67.

300.1 MARXISM-LENINISM

Rozhin, V. P. [Methods in teaching Marxist-Leninist philosophy] Metodika prepodavaniya marksistsko-leninskoy filosofii. [Leningrad] Izd. Leningr. un-ta, 1957 p.

300.11 MARX AND ENGELS, THEIR WORKS

Canadian publication of K. Marx's "Das Kapital" in Ukrainian. Petro Kravchuk. *Ukr. ist. zhur.* 11 no. 9 100-102 D '67.

Development of the materialistic theory of delinquency and criminal law by Marx and Engels. I. M. Reshetnikov. *Sov. gos. i prav.* no. 1 11-50 Ja '68.

Dissemination of K. Marx's book "Das Kapital" in the Ukraine, on the centenary of the publication of its first volume. I. A. Bishut. *Ukr. ist. zhur.* 11 no. 9 140-141 S '67.

K. Marx's "Das Kapital" and our time. V. I. Zayberev. *Ukr. ist. zhur.* 11 no. 9 3-11 S '67.

Marx's chief work. L. Misk'evich. *Sov. voen.* 49 no. 14-15 S '67.

A word about the most terrible weapon. A. Kornienko. *Komm. Vooruzh.* 511 no. 18 45-47 S '67.

300.12 LENIN, HIS WORKS

Algebra route. F. Levin. *Neflanik* 12 no. 11 8-9 N '67.

Assignment by Comrade Lenin. A. Bellakov. *V. Neflanik* 12 no. 11 8-9 N '67.

Lenin and pedagogy. N. K. Goncharov. *Sov. pedagog.* 31 no. 11 32-47 N '67.

Lenin's papers on petroleum. *Neflanik* 12 no. 11 3-5 N '67.

Present-day problems concerning V. I. Lenin's theory of the state. G. V. Mal'nev. *Sov. gos. i prav.* no. 1 13-18 Ja '68.

Study of Lenin's theory of the socialist revolution. S. I. Krol. *Rad. shk.* 46 no. 11 45-43 N '67.

V. I. Lenin on preschool education. N. Podolskaya. *D. vosp.* 40 no. 10 11-13 '67.

V. I. Lenin's concepts of the state. V. A. Kim, D. Kshibekov. *Vest. AN Kazakh. SSR* 23 no. 8 16-23 Ag '67.

V. I. Lenin's ideas have been carried out. A. Denisov. *Sov. iust.* no. 21 6-8 N '67.

V. I. Lenin's role in the creation of the service forces of the Red Army, 1918. I. U. Korshakov. *Voen. ist. zhur.* 9 no. 12 3-14 D '67.

V. I. Lenin's views on combining education with production, polytechnical education, and propaganda in industry. O. M. Ias'ko. *Rad. shk.* 46 no. 11 33-40 N '67.

300.2 HISTORY AND DEVELOPMENT OF MARXISM-LENINISM

The ideas of the October Revolution and the development of the socialist countries, international symposium in Moscow. V. N. Simcheva. *Vest. AN SSSR* no. 11 114-115 N '67.

The October Revolution and the national liberation movement, international conference at Baku. M. P. Gapchka. *Vest. AN SSSR* no. 11 105-108 N '67.

The October Revolution and the world socialist system, International conference in Moscow. I. P. Kachalov. Vest. AN SSSR, no. 11-108-111 N '67.

Science of party leadership: Leninism in the struggle of ideas. V. Simukov. Zhurnalists, no. 18-10. Ap '67.

300 3 HISTORICAL MATERIALISM

[Dialectical and historical materialism] Dialekticheski i istoricheski materializm. Moskva, Politizdat, 1967. 320 p.

300.44 THEORY AND TACTICS OF REVOLUTION

Study of Lenin's theory of the socialist revolution. S. M. Kizil. Rad. shi, no. 11-15-61 N '67.

300.46 SOCIALISM AND COMMUNISM

Reason of the ideas of the Great October Revolution. I. M. Stetsukov. Mat., tekhn., analiz, no. 10-19-32 '67.

[Economic regularities of the development of the world socialist system, a collection of materials] Ekonomicheskie zakonomernosti razvitiia mirovogo sotsialisticheskoi sistemy, sbornik materialov. Red. S. V. Lazhevskii. Moskva, 1967. 99 p.

Socialism has triumphed. Sov. potrebn. koop., 11 no. 11-41-31 N '67.

Spiridonova, N. S. [General features of creating the material and technical foundation of communism] Zakonomernosti sozdaniia material'no-tekhnicheskoi bazy kommunizma. Moskva, "Znanie," 1967. 47 p. (Novoe v zhizni, nauke, tekhnike. III Seriya. Ekonomika, 22).

Triumph of the ideas of Marxism-Leninism. Sov. puti k koop., 11 no. 11-2-7 N '67.

300.46(51)—China

The October Revolution and China. I. P. Deluskin. Nov. i Afri., no. 6-12-10 '67.

300.48 ROLE OF THE COMMUNIST PARTY

300.48(477)—Ukrainian S.S.R.

Defense of a doctoral dissertation. H. K. Utkin. Zhur. 11 no. 9-10-5 '67.

Work experience of the Ukrainian party organization in the atheistic education of workers, 1911-1925. H. L. Semenko. Ukr. ist. zhur., 11 no. 9-103-100 S '67.

300.51 COMMUNIST DEMOCRACY

Government, democracy, and technocracy. I. A. Tikhonov. Sov. gos. i pravo, no. 1-24-32 Ja '68.

Klichevko, V. F. [Intraparty democracy and party discipline] Vnutripartinaya demokratiia i partinaya disiplina. Moskva, Politizdat, 1967. 59 p.

Kozhokhin, B. I. [Socialist democracy is the foundation of the people's democratic state] Sotsialisticheskai demokratiia—osnova narodno-demokraticheskoi gosudarstvennosti. Leningrad, Izd. Leningr. un-ta, 1967. 66 p.

300.58 TRANSITION FROM SOCIALISM TO COMMUNISM

Presenting a different view of the vanguard role of the working class in the building of communism. G. I. Kulakov. Stroitel'stvo, obr., 11 no. 4-14-19 Ap '67.

300.58 GLOBAL COMMUNIST SYSTEM

50 years later. Oleg Valentinov. Voen. prof. dvizh., no. 3-8-4 D '67.

The Great October Revolution in the hearts of the people. Az. i Afr. seg., 11 no. 12-2-3 D '67.

The Great October Socialist Revolution and the world system of socialism. N. Lopukhova. Vop. ekon., no. 11-11-117 N '67.

Program for improving research. I. Kachalov. Vop. ekon., no. 11-156-158 N '67.

300.582 COMMUNISM OUTSIDE THE SOVIET UNION

Frantsev, I. P. [International significance of the Great October Socialist Revolution] Mezhduimirovnoe znachenie Velikoi Oktobr'skoi sotsialisticheskoi revoliutsii. [Moskva, "Mysl," 1967] 174 p. (50 let Oktabria).

The Great October Revolution and the development of educational theory in Bulgaria after September 9, 1911. Filizova G. Vasilev. Sov. pedagog., 11 no. 11-101-108 S '67.

The Great October Socialist Revolution and the establishment of a unified multinational state in Yugoslavia. M. M. Djuric. Vest. Mosk. un. Ser. 12. Prav. 23 no. 6-10-31 N-D '67.

The October Revolution and the Slavic peoples in foreign countries. A. I. Mamnevich. Sov. slav., no. 5-5-18 '67.

300.582(497.2)—Bulgaria

The Great October Revolution and Bulgaria. V. D. Voznesenskii. Ist. SSSR, no. 4, 161-171. 11-Ag '67.

300.582(52)—Japan

Katayama Ken on the October Revolution. Nar. Az. i Afr. no. 6, 83-87 '67.

300.582(71)—Canada

Canadian publication of K. Marx's "Das Kapital" in Ukrainian. Petro Kravchuk. Ukr. ist. zhur. 11 no. 12-9-100 D '67.

300.582(73)—United States of America

[The Great October Revolution and progressive America, a collection of documents and materials] Velikii Oktabr' i progressivnaia Amerika, sbornik dokumentov i materialov. Moskva, "Mysl," 1967. 348 p.

300.583 PEACEFUL COEXISTENCE OF CAPITALISM AND COMMUNISM

The future of economic coexistence. A. Roitman. Vest. Mosk. un. Ser. 7. Fion., 22 no. 6-72-78 N-D '67.

301 SOCIOLOGY

Legend of the lost paradise. I. Kon. Nov. vrem., 25 [i. e. 26] no. 6-11-17 I '68.

Sociological studies in library work. Bibliot. SSSR, no. 31-121-132 '67.

Sociology and life. N. Bilnov. V. naire knig. 7 no. 12-6 '67.

301(571.55)—Chita Province

Reindeer-breeding type of rural population distribution based on the example of Kalatskiy District, Chita Province. K. P. Kosmach. Izv. Zabaik. otd. Geogr. ob-sh. SSSR, 1 no. 2-25-31 '65.

301(575.2)—Kirghiz S.S.R.

Chukubayev, A. A. [The class struggle and social ideas in Kirghizia (1900-1917)] Klassovaya bor'ba i obshchestvennaya mysl' v Kirgizii (1900-1917 gg.). Frunze, "Kyrgyzstan," 1967. 162 p.

301(73)—United States of America

[Modern bourgeois ideology in the U.S.A. (Some social and ideological problems)] Sovremennaya burzhuanizatsiia ideologii v SShA (Nekotorye sotsial'no-ideologicheskiye). Pod red. I. A. Zamoshkina [i. d.]. Moskva, "Mysl," 1967. 342 p.

31 STATISTICS

Conference of chiefs of the statistical administrations of the U.S.S.R., L. Volodin, P. Lelikov. Vest. stat., no. 11-81-85 '67.

Development of industrial production in the U.S.S.R. and the U.S.A. I. Tsyvlin. Vest. stat., no. 11-11-21 '67.

Failure of the "blitzkrieg" in figures of losses of the German Nazi army. K. Mukanin. Voen.-ist. zhur., 9 no. 12-80-86 D '67.

Preparing a new report statement of the interbranch balance of the national economy of the U.S.S.R. for 1968. M. Eidelman. Vest. stat., no. 11-22-35 '67.

31(471.46)—Astrakhan Province

[Economy of Astrakhan Province during 50 years; a statistical abstract] Na odnoe khoziaistvo Astrakhan'skoi oblasti za 50 let, statisticheskii sbornik. Volgograd, Nizhne-Volzhskoe kn. izd. 1967. 151 p.

31(477)—Ukrainian S.S.R.

Conference of the statisticians of the Ukraine. I. Zavrinn. Vest. stat., no. 11-85-87 '67.

[The Ukrainian S.S.R. in figures] Ukrainskai SSR v tsifrakh. [Kiev, 1967] 190 p.

31(575.1)—Uzbek S.S.R.

[National economy of the Uzbek S.S.R. during 50 years. A statistical abstract] Narodnoe khoziaistvo Uzbekskoi SSR za 50 let. Sbornik stat. materialov. Tashkent, "Uzbekistan," 1967. 240 p.

311 STATISTICAL THEORY AND METHODS

Advance and length rate of cutter-loader mined longwalls with individual supports in the Kurnetsk Basin. A. K. Kovizhin, V. A. Sudarev, V. V. Kuzhnev. Ugol', 43 no. 1-26-30 Ja '68.

312 DEMOGRAPHY, VITAL STATISTICS

Resolution of the Second Interdepartmental Conference on Human Geography in Moscow, January 30-February 4, 1967. Izv. Vses. geogr. ob-sh. no. 4-320-323. 11-Ag '67.

The Second Interdepartment Conference of Human Geography. L. Altman and others. Izv. Vses. geogr. ob-sh. no. 4-315-320. 11-Ag '67.

Vital population statistics in the U.S.S.R. Vest. stat., no. 11-80-85 '67.

Works and plans of scholar demographers. D. Valentei. Vop. ekon., no. 11-154-156 N '67.

313 STATISTICS OF MORBIDITY, DISABILITY, ETC.

Essay on the development of statistics and epidemiology of malignant neoplasms in the U.S.S.R.; on the 50th anniversary of Soviet oncology. A. M. Meikov. Vop. onk., 11 no. 10-22-38 '67.

Some statistical data on acute leukemia in children in Leningrad and Leningrad Province. I. M. Voronin, and others. Proble. matemat. i prikl. fiz. 12 no. 6-49-50 Ag '67.

Standardization in the study of morbidity with temporary disability. I. I. Lep. A. A. Vokhlov. V. v. med. zhur., 44 no. 11-69-71 N '67.

32 POLITICAL SCIENCE POLITICS CURRENT AFFAIRS

The economic roots of imperialist aggression. S. Bartelev. Komm. Vooruzh. Sil., 18 no. 18-65-70 S '67.

Evaluating B. N. Chicherin's political views. V. D. Zor'kin. Vest. Mosk. un. Ser. 12. Prav. 23 no. 1-67-71. 11-Ag '67.

An international conference on the problems of political science. S. Z. Sov. gos. i pravo, no. 1139-140. Ja '68.

N. G. Chernyshevskii's illegal leaflet "To the landlords' peasants", historiography and bibliography. S. A. Reiser. Kniga, 1641. 1 mat. no. 14-205-235 '67.

Present-day problems concerning V. I. Lenin's theory of the state. G. V. Mil'tsev. Sov. gos. i pravo, no. 1137-138. Ja '68.

32(267.5)—Red Sea

The ships stay in the canal. A. Replin. Nov. i vrem., 25 [i. e. 26] no. 6-18-19 I '68.

32(4/9.104)—Capitalist countries of the world

Structure of political science in bourgeois countries. V. I. Chislin. Sov. gos. i pravo, no. 1128-132. Ja '68.

32(51)—China

Chiseev, G., A. Krushinskii, and V. Muliutenko. [Shouting balloons. The so-called "great proletarian cultural revolution" of China is close by] Kichashchie bafal'ony. Tak nazyvaemai "velikaia proletarskai kul'turnaia revoliutsiia" Kitaiia vblizi. [Moskva], "Mol. gvardiia," 1967. 128 p. (Rovesnik).

32(52)—Japan

Japan's beleagued port. D. Vasil'ev. Nov. vrem., 25 [i. e. 26] no. 11-16-18 Ja '68.

32(596)—Cambodia

Sochevko, G. G. [Modern Cambodia (1941-1965)] Sovremennaiia Kambodzia (1941-1965). Moskva, "Nauka," 1967. 123 p.

The cat to Cambodia. A. Usvatov. Nov. vrem., 25 [i. e. 26] no. 4-11 Ja '68.

32(728)—Central America

Shots in Guatemala. Juan Cubo. Nov. vrem., 25 [i. e. 26] no. 4-29-30 Ja '68.

32(73)—United States of America

At the danger line. A. Voronov. Nov. vrem., 25 no. 5-7 I '68.

Recklessness of Washington. Nov. vrem., 25 no. 5-1-2 F '68.

Unmasked. Nov. vrem., 25 [i. e. 26] no. 4-1-2 Ja '68.

32(93)—Australasia generally, Melanesia

Nature, the second independent state in Oceania. I. Afon. Nov. vrem., 25 [i. e. 26] no. 6-29 F '68.

321 THE STATE AND SOCIETY

Anniversary of the Soviet state. Sov. iust., no. 21-1-2 N '67.

Government, democracy, and technocracy. I. A. Tikhonov. Sov. gos. i pravo, no. 1-24-32 Ja '68.

The Great October Revolution and the struggle for democracy. A. Migol'tev. Komm. Vooruzh. Sil., 48 no. 18-16 S '67.

Iavich, L. S. [The state and socialist law and order] Gosudarstvo i sotsialisticheskii pravoporiadok. Leningrad, 1967. 39 p.

Kozhokhin, B. I. [Socialist democracy is the foundation of the people's democratic state] Sotsialisticheskai demokratiia—osnova narodno-demokraticheskoi gosudarstvennosti. Leningrad, Izd. Leningr. un-ta, 1967. 66 p.

Practice in spreading information on sociopolitical literature, the Hall of Humanities of the V. I. Lenin State Library of the U.S.S.R. T. P. Bulakova, A. T. Litsova, T. G. Larina. Bibliot. SSSR, no. 34-55-70 '67.

Rabin, V. I. [Political organization of society] Politicheskai organizatsiia obshchestva. Moskva, Izd. Mosk. un-ta, 1967. 182 p.

[Urgent problems of the Soviet state and law during the building of communism] Aktual'nye problemy sovetskogo gosudarstva i prava v period skh otel'stva kommunizma. Leningrad, Izd. Leningr. un-ta, 1967. 519 p.

V. I. Lenin's concepts of the state. V. A. Kim, D. Kshubekov. Vest. AN Kazakh. SSR, 23 no. 8-19-23 Ag '67.

V. I. Lenin's ideas have been carried out. A. Denisov. Sov. iust., no. 21-6-9 N '67.

321(61)—New States

Statuoshenko, G. B. [The nation and state in liberated countries] Natsional gosudarstvo v osvobodivshicheskikh stranakh Moskva, "Mezhdunar. otnosheniia," 1967 294 p

323 INTERNAL POLITICS

The Great October Revolution and the struggle for democracy A. M. Golat'ev Komm. Vooruzh. Sil 48 no. 18 1967 5 '67

323(476)—White Russian S. S. R.

Development of the Leninist principle of the political consolidation of the White Russian state in 1953-1966, extension of the Union Republics' rights P. T. S. P. Vost. AN BSSR, Ser. hram. nav. no. 4 20-37 '67

323(534.5)—Aden

Southern Arabia must be liberated! Abdul Aziz Ahmed Mukovet Az. i Afr. seg. 11 no. 12 23 D '67

323(540)—India

Criticism of bourgeois society and egalitarian conceptions in India P. N. Komarov Nar. Az. i Afr. no. 6 40-51 '67

323(567)—Iraq

On the banks of the Persian Gulf, D. Vol'skii Nov. vrem. 25 [i. e. 26] no. 5 11-16 F '68

323(597.3)—South Vietnam

Militant program of the South Vietnamese patriots G. Lokshin Az. i Afr. seg. 11 no. 12 4-6 D '67

323(66)—West and North Central Africa

The struggle of the Angolan patriots A. Ignatov, Nov. vrem. 25 [i. e. 26] no. 6 22-23 F '68

323(73)—United States of America

New habit in the Washington "aviation" A. Bulitskii, Nov. vrem. 25 [i. e. 26] no. 1 16-17 Ja '68

323(8)—South America

The land of "silent labor" M. Kremnev Nov. vrem. 25 [i. e. 26] no. 6 20-21 F '68

323(910)—Indonesia

What the Indonesian general did not say I. Antonov Nov. vrem. 25 [i. e. 26] no. 6 21 F '68

323.1 NATIONAL, POPULAR, RACE MOVEMENTS AND TENDENCIES

323.1(476)—White Russian S. S. R.

The struggle against the White Russian bourgeois nationalists during preparations for and the carrying out of the Great October Socialist Revolution I. A. Karneichuk Vost. AN BSSR, Ser. hram. nav. no. 4 46-53 '67

323.1(477)—Ukrainian S. S. R.

A conference of Ukrainian scholars on the problems of the nationalities policy and internationalism L. L. M. S. Ukr. ist. zhur. 11 no. 9 156-158 S '67

323.1(575.3)—Tajik S. S. R.

Sabirov, K. [The Tajik socialist nation is a progeny of the October Revolution] Tadzhikskaya sotsialisticheskaya natsiia—detishche Oktabria. Spetsializatsiia A. I. A. Vishnevskii, Dushanbe, "Irfon," 1967, 286 p

323.15 NATIONAL MINORITIES, MINORITY MOVEMENTS

Peoples of the Soviet East in the formation and development of the U. S. S. R., a historiographic review S. I. Iakubovskaya Nar. Az. i Afr. no. 6 88-89 '67

A session of the Institute of Non-Russian Schools of the Academy of Pedagogical Sciences of the U. S. S. R. Sov. pedagog. 31 no. 11 156-158 N '67

Soviet autonomy and the improvement of the forms of national states D. L. Zlatepol'skii, Uch. zap. Evraz. univ. 109 59-70 '68

323.15(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

[The peoples of Russia] Rossiiane, Moskva, "Sov. Rossiia," 1967, 286 p

323.2 POLITICAL ACTION, AGITATION AND STRIFE

The socialist revolution and revolutionary violence, V. Gulin, Komm. Vooruzh. Sil 48 no. 18 17-24 S '67

An uprising of the home guards against the owners of manorial estates in November-December 1867 B. S. Abalkin Ukr. ist. zhur. 11 no. 12 114-119 D '67

323.2(4/9 104)—Capitalist countries of the world

Dmitruk, A. A. [Offensive of the revolutionary forces] Revoliutsionnye sily v nastuplenii Minsk, "Belarus," 1967 149 p

323.2(438)—Poland

Communists of Volynia were the organizers of the workers' struggle against the menace of war and for the defense of the U. S. S. R., 1920-September 1939 S. H. Maksimov, Ukr. ist. zhur. 11 no. 9 64-70 S '67

323.2(477.8)—Western Ukraine

Hoshko, Iu. H. [Community life of workers in the Western Ukraine, 1920-1939] Hromads'kyi pobut i obshchynivskii zakhidnyi Ukrainy, 1920-1939 r. Kyiv, "Naukova dumka," 1967, 261 p

323.2(496)—European communist countries as a group

The October Revolution and the Slavic peoples in foreign countries A. I. A. Manuscr. Sov. slav. no. 5 5-18 '67

323.2(67)—Equatorial, South Central and East Africa

Vinokurov, Iu. N. [The Congo. A difficult path to independence] Kongo. Trudnyi put' k nezavisimosti Moskva, "Nauka," 1967, 198 p

323.2(73)—United States of America

"Legalized" unlawfulness, V. M. Chukhvadze, Nov. vrem. 25 [i. e. 26] no. 4 13-14 Ja '68

323.3 SOCIAL STRATA, (INCOME) GROUPS AND CLASSES

Goncharov, A., and P. Lunikov. [V. I. Lenin and the peasantry] V. I. Lenin i krest'ianstvo Moskva, Politizdat, 1967 199 p

323.3(56)—Near East

Royal dependents (hans mlik) and royal estates (pat) in Ugarit, M. L. Gel'fand Vest. drev. ist. no. 2 32-47 Ap.-Ie '67

323.3(571)—Asiatic R. S. F. S. R.

Gorlushkin, L. M. [Siberian peasantry between two centuries, the late 18th and early 20th century] Sibirskae krest'ianstvo na rubezhe dvukh vekov, konets XIX-nachalo XX. Otv. red. I. M. Razgon, Novosibirsk, "Nauka," 1967, 411 p

323.3(574)—Kazakh S. S. R.

A map with the evaluation of natural factors in the social conditions of the people of northern Kazakhstan V. V. Sikurkov, Vost. Mosk. un. Ser. 5 Geog. 22 no. 5 103-107 S-O '67

323.3(61)—North Africa

The scientific conference "Agricultural workers of the Afro-Asian developing countries" Sh. Badi, I. Sanovich, Nar. Az. i Afr. no. 6 167-173 '67

323.33 FARM WORKERS (LABORERS)

The hands of a plowman, A. Khritonova Sent'ia i shkola 22 no. 11 34-35 N '67

Shumilov, M. N. [The October Socialist Revolution and the historical destinies of farm laborers] Oktabr'skaya sotsialisticheskaya revoliutsiia i istoricheskie sud'by batrachestva Moskva, "Mysl'," 1967 231 p

324 ELECTIONS

324(489)—Denmark

Lessons learned from the parliamentary elections in Denmark Nov. vrem. 25 no. 5 8 F '68

325 MIGRATION, COLONIZATION, COLONIAL POLICY

325(4/9.104)—Capitalist countries of the world

Dmitruk, A. A. [Offensive of the revolutionary forces] Revoliutsionnye sily v nastuplenii Minsk, "Belarus," 1967, 149 p

325(64)—Morocco and Northwest African territories

Guinea will not be "Portuguese," P. Manchikha, Az. i Afr. seg. 11 no. 12 9-13 D '67

326 SLAVERY, SERFDOM

Principles of the morphological classification of forms of dependence, K. K. Zel'in, Vest. drev. ist. no. 2 7-31 Ap.-Ie '67

What is the price of a slave today? V. Bodianskii, Az. i Afr. seg. 11 no. 12 48-50 D '67

326(45)—Italy

Free arts and unfree people in ancient Rome, Joseph Vogt, Vest. drev. ist. no. 2 98-103 Ap.-Ie '67

327 INTERNATIONAL AND FOREIGN AFFAIRS

International notes, Nov. vrem. 25 no. 5 25-26 F '68

International notes, Nov. vrem. 25 [i. e. 26] no. 4 23-24 Ja '68

International notes Nov. vrem. 25 [i. e. 26] no. 6 31 F '68

Israeli, V. L., and L. N. Kutakov [Diplomacy of the aggressors The German-Italian-Japanese fascist bloc. History of its origin and failure] Diplomat i agressorov. Germano-italo-yaponskii fashistskii blok. Istoriia ego vozniknoveniia i krakhia, Moskva, "Mysl'," 1967 436 p

Letters to the editor Nov. vrem. 25 [i. e. 26] no. 4 3 Ja '68

Letters to the editor, Nov. vrem. 25 no. 5 14 F '68

Letters to the editor, Nov. vrem. 25 [i. e. 26] no. 6 1 F '68

People, events, and facts Az. i Afr. seg. 11 no. 12 41-47 D '67

Soviet sailors in Stockholm, B. I. Zverev, Morsk. fl. no. 9 10-51 S '67

With our friends, M. I. Grigor'ev, Iu. A. Khryzhev, Morsk. fl. no. 1 30-36 Ja '68

World events, Nov. vrem. 25 no. 5 32 I '68

World events, Nov. vrem. 25 [i. e. 26] no. 4 32 Ts '68

World events, Nov. vrem. 25 [i. e. 26] no. 6 1 F '68

327(41)—United Kingdom and Northern Ireland

Varslavan, A. [The policy of English imperialism toward bourgeois Latvia, 1920-1923] Politika angliiskogo imperiializma v otnoshenii burzhuaznoi Latvii, 1920-1923, Riga, "Zvaigzne," 1966, 180 p

327(437)—Czechoslovakia

The "Bratstvo" gas pipeline A. V. Uralov Nef. i gaz prom. no. 5 52 '67

327(439)—Hungary

Our position, Ferenc Pál Nov. vrem. 25 [i. e. 26] no. 4 8-9 Ja '68

327(47)—Union of Soviet Socialist Republics (U. S. S. R.)

The "Bratstvo" gas pipeline A. V. Uralov Nef. i gaz prom. no. 5 52 '67

On a practical basis, Nov. vrem. 25 [i. e. 26] no. 4 8 F '68

The Soviet Union and Colombia, M. Kremnev Nov. vrem. 25 [i. e. 26] no. 1 15 Ja '68

Testing by time, Nov. vrem. 25 [i. e. 26] no. 1 2-3 Ja '68

Trush, M. I. [V. I. Lenin's work in the field of foreign policy; daily records of 1921-1923] Vneshnepoliticheskaya deiatel'nost' V. I. Lenina; 1921-1923, den'nyye zapiski Moskva, "Mezhdunar. otnosheniia," 1967 436 p

327(474.3)—Latvian S. S. R.

Varslavan, A. [The policy of English imperialism toward bourgeois Latvia, 1920-1923] Politika angliiskogo imperiializma v otnoshenii burzhuaznoi Latvii, 1920-1923, Riga, "Zvaigzne," 1966, 180 p

327(476)—White Russian S. S. R.

Influence of the Great October Socialist Revolution on the consolidation of the international status of the White Russian S. S. R., V. S. Palatov, Vost. AN BSSR, Ser. hram. nav. no. 1 38-45 '67

327(477)—Ukrainian S. S. R.

Participation of the Ukrainian S. S. R. in the work of the United Nations Commission on Human Rights, Iu. Kachumenko Rad. pravo 30 no. 11 93 '67 N '67

327(497.1)—Yugoslavia

The Yugoslavian President's tour, I. I. Piontsov Nov. vrem. 25 [i. e. 26] no. 6 18 F '68

327(51)—China

China lobby in Washington, V. I. Zhukov, Nov. vrem. 25 [i. e. 26] no. 1 10-12 Ja '68

327(52)—Japan

Japan's besieged port, D. Vasil'ev Nov. vrem. 25 [i. e. 26] no. 4 15-16 Ja '68

327(540)—India

On a practical basis, Nov. vrem. 25 [i. e. 26] no. 4 8 F '68

Testing by time, Nov. vrem. 25 [i. e. 26] no. 4 2-3 Ts '68

327(55)—Iran

Balalan, B. P. [International relations of Iran in 1813-1828] Mezhdunarodnye otnosheniia Irana v 1813-1828 gg. Erevan, Izd. AN Arm. SSR, 1967 265 p

327(56)—Near East

Problem of Israel's aggressive policy, L. O. I. I. Ukr. ist. zhur. 11 no. 12 71-81 D '67

327(569.4)—Israel

The expansion policy of Israeli leaders, I. I. I. Az. i Afr. seg. 11 no. 12 18-20 D '67

327(581)—Afghanistan
On a practical basis Nov' vrem 25(1 + 26) no 6-6
F '68

327(728)—Central America
The Soviet Union and Colombia. M. Kichnev, Nov' vrem.
25(1 + 26) no. 4-15 Ja '68

327(73)—United States of America
[The Great October Revolution and progressive America,
a collection of documents and materials] Veliki
Oktjabr i progressivna Amerika, sbornik dokumen-
tov i materialov. Moskva, "Mysl," 1967 348 p
Shustov, K. S. [Pearl of the Antilles and the Yankees,
(Cuba and U.S. imperialism)] Zhemchuzhina Antil
tacki (Kuba i imperiializm SSHA) 1899-1952 Alma-
Ata, "Kazakhstan," 1967 353 p

329.01 COMMUNIST PARTY OF THE SOVIET UNION

At the sources of success. N. Sedykh. Tyl i snab Sov
Voen. Sil 27 no 9-30-13 S '67.
Attention of the Communist Party to the development of
the petroleum industry. D. Safronov. Neftianik 8
no 7-8-6 Ji '63

Building of communism and scientific psychology.
Vop. psikh. 13 no 5-1-13 S-O '67

The CPSU organizes the defense of the conquests of the
Great October. N. Kichnev, P. Sminov. Voenn. list.
zhurn. 9 no. 9-3-15 S '67

50 years of great socialist triumphs. L. I. Brezhnev.
Komm. Voor. Sil 18 no. 22-3-41 N '67
13-5 first fiddle. A. Mikhayev. Zhurnal. 18 no. 1-26-27 Ap
'67.

For the defense of the fatherland. A. Gerasimov. Pech.
i vecher. 26 no. 10-2-17 O '67.
Glimpsing into the future. V. Lofte, L. Shchukin. Tyl i snab.
Sov. Voor. Sil 28 no 10-10-11 O '67.

[Handbook for party workers] Spravochnik partiinogo
rabotnika Moskva, Politizdat.
Vyp. 7 1967 511 p.

History of the struggle of the Bolsheviks for the unity
of the proletarian, 1913-1914. A. M. Volodarskaya
Ist. SSSR no 1-61-75 Ji-Ag '67

How to draw up forms for communist party membership.
Izvest. Voor. Sil 18 no. 24-78-79 D '67.

The ideological unity of the Soviet people. A. I. Senchenko.
Vest. protivovozd. obr. no. 9-7-12 S '67

Klochko, V. I. [Intraparty democracy and party dis-
cipline] Vnutripartijnaya demokratiya i partijnaya
disciplina Moskva, Politizdat, 1967 59 p

Kisashchenko, N. [The 23d congress of the CPSU on
the further strengthening of the defense power of the
Soviet government] XXIII s'ezd KPSS o dal'neishom
uvelichenii obronospособnosti sovetskogo gosudarstva.
Tashkent, "Tsh gardia," 1967 44 p (Na strazhe
Rodiny)

Key discussion of the years 1922-1925. L. Kishchik-
skaya. Vop. lit. 10 no 4-35-55 Ap '66.

Local organizations are the foundation of the party.
A. Kononov. Kommunist 14 no. 9-11-24 Ja '68.

Our strength and invincibility lie in our ideological con-
sistency. I. S. Rudnev. Mol. obr. 50 no 9-1-6 S '67

The party's order. I. A. Padorin. Komm. Voor. Sil
18 no. 21-58-65 D '67.

Prinin, I. L. and M. I. Steplechev. [Leninist rules of
party life] Leninistkie normy partinoy zhizni. Moskva,
Politizdat, 1967 148 p. (Voprosy partinogo stroi-
tel'stva)

Reports and elections in Party agencies. Komm. Voor. Sil
18 no. 29-1-70 S '67.

Roads and crossroads. Article 2. S. Mashinskii. Vop
lit. 10 no 8-54-77 Ag '66

Scientific labor organization and equipment maintenance.
Vest. protivovozd. obr. no. 9-3-6 S '67.

The stakes of universal victory. Grahd. rev. 24 no. 6
1 Ag '67

Triumph of ideas of the Great October Revolution. Kryl.
rod 18 no 8-2-3 Ag '67.

Under the guidance of Lenin's party. I. Nagraman.
Tyl i snab. Sov. Voor. Sil 28 no. 10-10-19 O '67.

A weapon which does not grow old. A. M. Vilesov.
Vest. protivovozd. obr. no. 6-14-19 Je '64.

329.02 HISTORY OF THE COMMUNIST PARTY OF THE SOVIET UNION

Anosov, P. A. [Notes of a Communist] Zapiski kommu-
nista Moskva, Politizdat, 1967 207 p.

Glorious 60th anniversary. M. I. Iakovlev. Neftianik
8 no 7-1-2 Ji '63.

Iakushina, A. P. [Organizations of the Russian Social De-
mocratic Party in foreign countries, 1905-1917. The
Bolsheviks in emigration] Zagranichnye organizatsii
RSDRP, 1905-1917 gg. Bol'sheviky v emigratsii Mo-
skva, "Vyssh. shkola," 1967. 131 p. (Studentu, izu-
chavshemu istoriiu KPSS)

Mokov, S. I. [Proletarian internationalism in the defense
of the ideas of the October Revolution; efforts of the
Communist Party to ensure the international solidarity
of workers during the civil war and foreign armed in-
tervention, 1918-1920] Proletarskii internatsionalizm
na zashechke idol Oktjabria, dolatol'nost' Kommunistiche-
skoi partii po internatsional'nomu splocheniiu trud-
shchikh v gody grazhdanskoi volny i innostranoi
voennoi intervetsii, 1918-1920 gg. [L'vov], Izd.
L'vovskogo un-ta, 1967 113 p.

A plenum of the section on the history of the CPSU.
V. M. Savell'ev. Vest. vys. shkol. 25 no. 9-82-81 S '67.
Prepared to meet all storms... S. Kashtin, V. mite
knig 7 no. 11-6-7 '67.

[Recommended subjects for tests, on the history of the
CPSU, for students of correspondence schools of higher
education] Priimaina tematika kontol'nykh rabot po
istorii KPSS, dlia studentov-zaochnikov vysshikh ucheb-
nykh zavedenii Moskva, "Mysl," 1967 30 p

Role of the working class of Leningrad in the socialist
revolution. Vest. AN SSSR no 11-77-92 N '67

Vaganov, F. M. [The struggle of the CPSU for the accel-
eration of the building of socialism, 1927-1929] KPSS
v bor'bu za uskorenie tempov sotsialisticheskogo stroi-
tel'stva, 1927-1929 gg. Moskva, "Vyssh. shkola,"
1967 114 p. (Studentu, izuchavshemu istoriiu
KPSS)

329.02(471-321)—Orel Province

[Studies in the history of the Orel Province party organi-
zation] Ocherki istorii Orlovskoi partinnoi organizatsii.
Tula, Priekspoe kn. izd., 1967 340 p

329.04 COMMUNIST YOUTH ORGANIZATIONS

Delegates to the 15th congress of the Komsomol. Prof.
tekh. obr. 23 no 5-4 My '66.

Planning and life. V. Kazharskii. Komm. Voor. Sil
48 no. 21-66-70 D '67.

Reports and election meetings and conferences in the
Komsomol. Komm. Voor. Sil 48 no. 21-9-13 D '67.

Vigilance is our weapon. I. Kovyrin. Komm. Voor. Sil
48 no. 10-71-74 S '67

329.04(471.232)—Leningrad City

Shoulder to shoulder. Kryl. rod 18 no 8-7 Ag '67.

329.04(477)—Ukrainian S. S. R.

Shlonkervych, L. P. [Abreast with workers and peasants]
Razom z robotnykamy i selianamy Kyiv, "Molod,"
1965 86 p

329.04(575.1)—Uzbek S. S. R.

Only those who are worthy. I. Lavrenko. Grahd. rev.
24 no 8-18-19 Ag '67

329.05 COMMUNIST CHILDREN'S ORGANIZATIONS

Socially useful activities of Pioneer groups as a means
for the development of the personality of children with
vision difficulties. E. M. Sternina. Uch. zap. Perm. inst.
Gerts. 296 109-131 '66.

329.06 COMMUNIST PARTIES OUTSIDE THE SOVIET UNION

Revolutionary work of the Communist Workers Party of
Poland in 1920. K. I. Pozniakov, P. M. Kalenchenko
Ukr. ist. zhurn. 11 no 12-60-70 D '67

329.06(45)—Italy

12 Laurint Street. V. Ermakov. Zhurnal. 18 no. 1-24-25
Ap '67

329.06(474)—Baltic Republics

The Soviet Baltic countries. S. S. Jarucevicius, M. I.
Mukke, A. I. Jakobson. Sov. voen. 19 no. 17-18-20 S
'67

329.06(474.5)—Lithuanian S. S. R.

Let talents flower. L. Kolesnikov. Sov. voen. 48 no. 17:
46-47 S '67.

329.06(477.8)—Western Ukraine

Communists of Volynia were the organizers of the workers
struggle against the menace of war and for the defense of
the U.S.S.R., 1920-September 1939. S. H. Makaymov.
Ukr. ist. zhurn. 11 no. 9-64-70 S '67.

329.1 NON-COMMUNIST PARTIES

Organization and work of the "Labor Group." D. A.
Kolesnichenko. Ist. SSSR, no 1-76-89 Ji-Ag '67.

329.1(430)—Germany

Galkin, A. A. [German fascism] Germanskii fashizm.
Moskva, "Nauka," 1967. 399 p.

329.14 SOCIALISTS. SOCIAL DEMOCRATS

History of contacts between the Social Democratic
organizations of Tver' and the Ukraine, 1898-1903. V. V.
Malynovskiy. Ukr. ist. zhurn. 11 no. 12-66-99 D '67.

Thomas Mann and socialism. A. V. Russkova. Izv. AN
SSSR Ser. lit. i iaz. 26 no 5-177-181 S-O '67.

329.14(438)—Poland

A comprehensive work on the early period in the history
of the Polish Workers' Party. V. A. Dzhafarov, T. G.
Snytko. Ist. SSSR no 4-174-176 Ji-Ag '67.

33 POLITICAL ECONOMY ECONOMICS
General conference of the Department of Social Sciences
of the Academy of Sciences of the Ukrainian S. S. R.
V. Kytoiak. Ekon. Rad. Ukr. 10 no 6-96 Je '67
Kuznetsov, B. G. [Physics and economics] Fizika i
ekonomika Moskva, "Nauka," 1967 85 p.

33(439)—Hungary

Problems of the economic efficiency of capital invest-
ments and capital assets discussed in the "Kozgazdasagi
szemle" journal. Sbornik nauch. inform. Nauch. sov. po
ekon. fond. kap. vlozhi i no. tekhn. AN SSSR no 11-176-
183 '67

33(471.310)—Moscow City

In the economics faculty of the oldest university
I. Volter. Vop. ekon. no 11-152-153 N '67

330 GENERAL CONCEPTS OF ECONOMICS

Economics in an engineering curriculum. Vest. vys.
shkol. 25 no. 9-88 S '67

K. Marx's "Das Kapital" and our time. V. I. Zavoronin.
Ukr. ist. zhurn. 11 no. 9-3-11 S '67.

The law of socialist accumulation. P. A. Malyshev.
Vest. Mosk. un. Ser. 7 Ekon. 22 no 6-3-14 N-D '67

Law of the increasing production of the means of produc-
tion. R. A. Kamshabaev. Vest. AN Kazakh SSR 23
no 8-30-38 S '67

New methods in the work of an economics study room.
M. Trisuchev. Sred. spets. obr. 14 no. 4-49 Ap '67.

The nonproduction accumulation in the system of
categories of socialist reproduction. G. I. Latysheva.
Vest. Mosk. un. Ser. 7 Ekon. 22 no 6-15-23 N-D '67

Selecting the bases for practical training. G. I. Titorenko,
I. A. Shvets. Vest. vys. shkol. 25 no. 9-36-39 S '67

The study guides and methodological literature for corre-
spondence students should be of high quality. A. A.
Burgunov. Sred. spets. obr. 14 no. 1-27-30 Ap '67.

Supply and demand under socialism. F. F. Borisov.
Sred. spets. obr. 14 no. 7-38-43 Ji '67.

330(4/9.104)—Capitalist countries of the world

Struggle of the peasants of capitalist countries for the just
solution of the agrarian problem. S. Nadel'. Ekon. sel.
khoz. 43 no. 12-99-108 '67.

330(497.1)—Yugoslavia

Schools of economics in Yugoslavia. O. Shimaček.
Sred. spets. obr. 11 no. 7-46-48 Ji '67

330.1 GENERAL PRINCIPLES, LAWS AND SYSTEMS OF ECONOMICS

Characteristics of using the law of the preferential
growth of the production of the means of production
during the large-scale building of communism. M. A.
Dzhabiov. Probl. raz. ekon. Dag. no 3-5-24 '65

Falsifiers of the future. G. Gerasimov. Kommunist 11
no. 2-98-106 Ja '68

Malin, K. M. [Vital resources of mankind] Zhiznennye
resursy chelovechestva. Izd. 2-e, pererabot. i dop.
Moskva, "Nauka," 1967 187 p. (Nauch.-popul. seriya)

Problems of the correlation between subdivisions one
and two of social production. S. M. Nikitin. Vest. Mosk.
un. Ser. 7 Ekon. 22 no. 6-24-33 N-D '67

Statistical simulation of large scale networks. D. I. Go-
lenko, S. E. Litvshits. Kibernetika no. 6:87-89 N-D '67.

330.115 MATHEMATICS OF ECONOMICS. ECONOMETRY

Asymptotic behavior of a discrete determined process
with a continued multiplicity of states. I. V. Romanov-
skii. Optim. plan. no 8-17-193 '67.

Computing the efficiency norm on the basis of a one-
product model of economic development. L. V. Kantorov-
vich. Optim. plan. no. 8-37-51 '67.

Dynamic model of optimal planning. L. V. Kantorovich.
Optim. plan. no 8-3-22 '67

Mathematical methods of planning. B. F. Giechanyi.
Sred. spets. obr. 14 no. 1-17-20 Ap '67.

On some nonlinear models of production and consumption.
B. A. Vertgeim. Uch. zap. Perm. gos. un. no. 131 108-110
'66.

Planned improvement of the structure of national produc-
tion. S. Shatalin. Plan. khoz. 44 no. 1-69-79 Ja '68

Preparation and calculation of a simplified dynamic
model of national economic planning based on informa-
tion derived from the inter-branch balance. L. A.
Ponomareva. Optim. plan. no. 8-80-134 '67

Problem of creating an automated system of planned
calculations. B. Volchikov. Plan. khoz. 44 no 1-18-
55 Ja '68.

Problems bearing on the preparation and use of a large
scale model of optimal perspective planning. L. V.
Kantorovich, V. L. Makarov. Optim. plan. no. 8-23-35
'67.

Problems of optimal planning for the national economy
A. Skriabin. Vop. ekon. no. 11-62-70 N '67

Some experimental computations based on multiproduct
linear dynamic model of national economic planning.
V. D. Marshak. Optim. plan. no. 8-135-163 '67.

- 330, 115 (Continued)
Some experimental experiments based on the one-
product dynamic model G. G. Pukhova Optimi plan
no. 6 54-87 '66
State of capital accumulation in Neumann's model
with the value function A. I. Medvedev Optimi plan
no. 6 165-166 '67
- 330 10 ECONOMIC POLICY
Analyzing the situation in the economy of a socialist
country S. Kapina Vop ekon no. 11 150-152
'67
Along the path of socialism Sov. patrik, klop 11
no. 11 27-28 '67
Carrying out V.I. Lenin's tasks of the guidance of the
socialist production process A. M. Pushkevich
Vestnik SSSR Sotsializm, no. 4 61-72 '67
Communism is the objective Sov. patrik, klop 11
no. 11 37-38 '67
The second year of the five-year plan Nov. vsem 25
no. 1 1-16 '67
Socialism has triumphed Sov. patrik, klop 11 no. 11
31-32 '67
- Spiridonova, N. S. [General features of creating the
material and technical foundation of communism]
Zakonomenosti sozdaniya material'no-tekhnicheskoi
bazy kommunizma Moskva, "Znanie", 1967 47 p
(Novoe v zhizni, nauke, tekhnike III Seriya Ekono-
mika, 22)
- Studies of the economic reform Plan khoz 44 no. 1
3-9 Ja '68
The nature and forms of the process of socialization of
production D. G. Pinkhetriya Vest. Mosk un Ser 7
Ekon 22 no. 6 41-48 N-D '67
New accomplishments and new plans Vop ekon no. 11
3-11 N '67
Toward new accomplishments under the banner of Marx-
ism-Leninism Mat. tekhn. snabzhenie 2 no. 11 1-4 N
'67
- 330 19(437)—Czechoslovakia
Long live fastidiousness! V. Novin Zhurnalists no. 154-
58 Ap '66
- 330 19(438)—Poland
Developing the system of management and planning in
Poland A. Karpiuk Plan. khoz. 44 no. 1 56-61 Ja '68
- 330 19(44)—France
The new trends in the economic policy of France
L. Glukharev Vest. Mosk un Ser 7 Ekon 22 no. 6
62-70 N-D '67
- 330 19(498)—Romania
Improving the planned management of the socialist
economy P. Iudina Plan. khoz. 44 no. 1 64-68
Ja '68
- 330.2 ORGANIZATION AND COOPERATION IN
THE ECONOMIC SPHERE. REORGANIZATION, REFORM, ETC
Truth and economic progress Nov. vsem 25 no. 5 10-
14 F '67
- 330 2(496)—European communist countries
as a group
In the Permanent Committee on Foreign Exchange and
Financial Problems of the Council of Economic Assistants
55511 41 no. 12 88 D '67
Program for improving research I. Kachalov Vop
ekon no. 11 136-138 N '67
- 330 2(5)—Asia
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- 330 2(61)—North Africa
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- 330 2(67)—Equatorial, South Central and
East Africa
What is the Kenyan? A. Krichenko Nov. vsem 25
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- 331 LABOR, WORK EMPLOYMENT
Chernikov's lessons V. Uvantsev Sov. shakht. 16
no. 7 26-27 Ji '67
Coal miner at the school desk B. Emelianov Sov.
shakht. 16 no. 5 24 My '67
From subbotniks to the movement for communist labor.
I. I. Maksimchenko Zhel. doi. transp. 49 no. 6 6-13
Je '67
Give secondary mining education to youth E. Kholmogorova
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Heroes do not die IU. Ovsienko Sov. shakht. 16 no. 7
24-25 Ji '67
History of Soviet labor psychology IU. V. Kotelova
Vop psikh. 17 no. 5 130-148 S-O '67
- It majesty, the laboring class. A. Zakharov Sov.
shakht. 16 no. 7 1-2 Ji '67
Labor in the U.S.S.R. A. Ulianova Vest. stat. no. 11
3-12 '67
"A mark of long lasting happiness." V. mire knig 7
no. 12 16-17 '67
Muromskii, IU. [On youth's work and studies] O trade
i uchebe molodezhi [Moskva], Profizdat, 1967 80 p.
(B-chka profsotuznogo aktivista 33 (189))
Strand method of planning for labor indices V. Panfilov,
Plan. khoz. 44 no. 1 84-88 Ja '68
Training of refrigeration technicians L. A. Bolnikova,
Kol. tekhn. 44 no. 11 51 N '67
Work is the only path toward happiness. M. Ait
Tutakovskii Sem'ia i shkola 22 no. 11 31-32 N '67
- 331(433)—Federal Republic of Germany
Among the jobless in the Ruhr Guntter Wallraff Nov.
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- 331(44)—France
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16 no. 5 29-30 My '67
- 331(477)—Ukrainian S.S.R.
Changes in workers' occupational composition and nature
of their work in the mines of the Donets Basin V. Lyt-
vin Ikon Rud Ukr. 10 no. 6 61-64 Ja '67
Pillars of mining P. G. Shengur Met. i gornorud. prom.
no. 5 67-68 S-O '67
The way to the heart E. Lukina V. mire knig 7 no. 11
8-9 '67
- 331(571, 51)—Krasnoyarsk Territory
The population and labor resources of Siberia, based on
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Sikhmatova Vest. Mosk un Ser 7 Ekon 22 no. 6
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- 331 1 INDUSTRIAL RELATIONS WORKERS
AND EMPLOYERS
Control by the workers and the nationalization of
industry in Soviet historical literature T. A. Ignat-
enko Ist. SSSR no. 4 3-18 Ji-Ag '67
Increasing the material incentive. IA. G. Chirbitskii,
M. A. Mezentsev Zhel. doi. transp. 49 no. 7 73-78
N '67
Reverting to a problem raised by this periodical.
R. Bondartsev, Z. Symonov, O. Babashov Rad. pravo
30 no. 11 61-66 N '67
Right to confidence A. Zimin Sov. shakht. 16 no. 6
26-21 Je '67
The rights of standing production conferences.
T. Guseinov Vest. Mosk un Ser 12 Pravo 22 no. 4
60-66 Ji-Ag '67
Sign of indifference. Zh. Sakharovskaya Sov. shakht.
16 no. 6 23-24 Je '67
- 331 1(45)—Italy
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dizh. no. 8 23-24 D '67
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Answering the questions of our readers. I. A. Bakhmanin.
Shkola i prosv. 10 no. 8 75 Ag '66
Material interest of harbors and their responsibility
for cargo handling and the servicing of a fleet in
transit N. Bakhin Rech. transp. 26 no. 11 16-17
'67
Material self-interest of agricultural tillers. A. P.
Sorokin Dokl. i soob. VNIISKH no. 30:121-128 '66
The new state purchasing prices, and the guaranteed
wages for collective farmers. V. Tremenko Zakup
sel'khoz. prod. no. 1 30-33 Ja '67
Objectives need for the advanced growth of labor produc-
tivity as compared to wage incentive. IA. I. Feldman
Probl. raz. ekon. Dag. no. 3 35-40 '65
Our consultations. V. Rogozhin, Prof. i tekhn. obr. 24
no. 11 27 N '67
Salaries of teachers in preschool educational institutions.
L. Ivanov, Doshk. vosp. 40 no. 7 72-76 '67
The wage schedule and work classification on collective
farms. K. Okhapkin, Ekon. sel'khoz. 43 no. 12 72-
79 '67
- 331 2(471, 6)—Northern Caucasus
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- 331 2(471, 67)—Daghestan A.S.S.R.
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sheep growers M. Kh. Kebedov Probl. raz. ekon.
Dag. no. 4 23-27 '66
- 331 2(478)—Moldavian S.S.R.
Control over the wage funds of intercollective farm
construction organizations. S. Muchnik, Den. i kred.
25 no. 12 52-54 D '67
- 331 2(575, 1)—Uzbek S.S.R.
Wages and yield. P. Kabachkov, Plan. khoz. 44 no. 1
80-84 Ja '68
- 331 6 UNEMPLOYMENT, SHORTAGE OF LABOR,
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Unemployment, myths and realities V. I. Iabakov
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- 331 7 SKILLED AND UNSKILLED LABOR
Improving the level of professional technical workers.
P. V. Chirnykh, Met. i gornorud. prom. no. 5 60-61
S-O '67
Muromskii, IU. [On youth's work and studies] O trade
i uchebe molodezhi [Moskva], Profizdat, 1967 80 p.
(B-chka profsotuznogo aktivista 33 (189))
Personnel and technical equipment N. V. Afanas'ev,
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'67
- 331 8 HOURS, CONDITIONS, ORGANIZATION,
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Along the combined flow sheet. Sov. shakht. 16 no. 12
9-11 D '67
Continuation of the great deed. S. Utchkin, Sov. shakht.
16 no. 5 32 My '67
Cooperation in business. IU. Pogorelov Sov. shakht.
16 no. 5 13 My '67
Disinterested friendship G. Monastyrchenko, Sov. shakht.
16 no. 5 29 My '67
Enhance the role of technical inspectors. N. Bolychev
Sov. shakht. 16 no. 12 21-22 D '67
[The five-day workweek] Platidnovnaya rabochaya nedel'na
Moskva, "Ekonomika", 1967 175 p
Give secondary mining education to youth E. Kholmogorova,
Sov. shakht. 16 no. 7 18 Ji '67
Good signs. E. Fedorchenko Sov. shakht. 16 no. 6
11 Je '67
Hards groping for coal. A. Andrianov, Sov. shakht. 16
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Improvement of the organization of labor in the most
important enterprises for the increase of labor produc-
tivity in the alcohol, liquor, and vodka industry. V. I.
Kopytin, I. V. Molotovskiy, Perm. i spirt. prom. no. 4
no. 8 30-32 '66
The large and the small problems. B. Steblovskiy and
others, Sov. shakht. 16 no. 5 3-5 My '67
Life and work of petroleum workers in the U.S.S.R. V. I.
Zhadanov, N. P. Svetlov, Neft. khoz. 49 no. 10 11-13
O '67
Light and labor N. Borychev Sov. shakht. 16 no. 7
23 Ji '67
Members of the "Ikhilander" Club I. Sanin Sov.
shakht. 16 no. 7 28-29 Ji '67
Mukhanova, L. [The work and rest schedule] Rezhim
truda i otdykha Moskva, "Ekonomika", 1967 50 p.
(B-chka NOT)
New manager came to the mine. I. Kucher, Sov. shakht.
16 no. 12 8 D '67
Objective need for the advanced growth of labor produc-
tivity as compared to wage incentive. IA. I. Feldman
Probl. raz. ekon. Dag. no. 3 25-30 '65
On the eve of an important date. M. Sazonov and others.
Zakup sel'khoz. prod. no. 1 1-6 Ja '67
Our gold stock. Sov. shakht. 16 no. 12 1-2 D '67
Pillars of mining. P. G. Shengur, Met. i gornorud. prom.
no. 5 65-66 S-O '67
Potentials for the growth of labor productivity in the en-
terprises of the oil field machinery industry. V. I. Sa-
limova, Izv. vyz. ucheb. zav. i nef. i gaz. 16 no. 6 101-
104 '67
Proved by life G. Nuzhikhina Sov. shakht. 16 no. 5
6 My '67
Results of the elections. A. Neizakhi, Sov. shakht. 16
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The Second International Conference on the International Use
of Computers. V. Loskutov, Mat. i tekhn. snabzhenie 2 no. 11
92-93 N '67
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Tyl i snab. Sov. Voor. 51 21 no. 6 60-70 S '67
Thoughts before the Congress. S. Antukov, M. Antonov-
kov, E. Zolov, Sov. shakht. 16 no. 12 3-6 D '67
Thus decided the Mikhail Kostin brigade. G. Kotelov,
Sov. shakht. 16 no. 12 7 D '67
Transition to five-day week. Sov. shakht. 16 no. 7 17
Ji '67
Using armored and mechanized forces in combat
P. Rotmistov, Voen. i st. zhur. 8 no. 12 40 41 D '67
The vital requirement of the time: military scientific
labor organization at service for the elements. P. Uli-
anov, IU. Kirshin, Tyl i snab. Sov. Voor. 51 21 no. 6 14-
25 Je '67
What the innovators of railroad sectors do for the indus-
try. A. E. Levitin, Puti i put. khoz. 11 no. 1 12-13 '67
Winners in the all-Union socialist competition. Zakup
sel'khoz. prod. no. 1 7-9 Ja '67
Works and people. I. Sukhoplyuev, Metallurg 17 no. 1
33-34 Ja '68
Your trade union. I. Mikhailenko Sov. shakht. 16 no. 5
14 My '67
Your trade union. I. Mikhailenko Sov. shakht. 16 no. 7
28 Ji '67
- 331 8(471, 44)—Saratov Province
The quality of work reflects the work of the collective
A. Shibaev, Kommunist 14 no. 2 25-34 Ja '68

331.8(477)—Ukrainian S.S.R.

Assignments attractive and expedient. B. Kaganovich. Sov. shakht. 16 no. 7:12-13. 11 '67.
Experience in the organization of socialist competition in metallurgy, 1958-1965. A. I. Kondratuk. Ukr. ist. zhur. 11 no. 12:89-91. D '67.

331.861 TRADE UNIONS

Culture is accessible to all. Nov. vsem. 35 (i.e. '66) no. 6:23-24. F '66.
53 years later. Oleg Valentinov. Vsem. prof. dvizh. 70:8:7-8. D '67.
Respect and prospects. L. R. Vsem. prof. dvizh. no. 8:10-13. D '67.
Results of the 1st International Conference of Trade Unions of Workers in the Textile, Clothing, Leather, and Shoe Industries. Shvets. prom. no. 5:39-10. S-O '66.
Safireva, I. O., and L. S. Iavich. [The state and trade unions] Gosudarstvo i profsoyuz. [Moscow] Profizdat, 1967. 258 p.
The unforgettable anniversary. Louis Saillant. Vsem. prof. dvizh. no. 8:1-2. D '67.
Vocational training should ensure the workers right to a better future. Giuseppe Boglietti. Vsem. prof. dvizh. no. 8:30-34. D '67.

331.861(44)—France

Urgent demand of life. Vsem. prof. dvizh. no. 8:21-22. D '67.

331.861(45)—Italy

Urgent demand of life. Vsem. prof. dvizh. no. 8:21-22. D '67.

331.861(481)—Norway

Some aspects of the trade union movement. R. Dahl, S. Mortensen. Vsem. prof. dvizh. no. 8:29-30. D '67.

331.861(52)—Japan

Realistic and topical program. Akira Iwai. Vsem. prof. dvizh. no. 8:16-18. D '67.
Struggle for trade union rights. Hiroyuki Yoshimura. Vsem. prof. dvizh. no. 8:19-20. D '67.

331.861(8)—South America

Confidence and unity. Jean Desmaitson. Vsem. prof. dvizh. no. 8:25-27. D '67.

331.97 INCENTIVES DECORATIONS, BOUNTIES, ETC.

Assignments completed, submariners choose new frontiers. V. Kozlov. Komm. Vooruzh. Sil. 18 no. 24:34-37. D '67.
Awarding the V. G. Belinskiy Prize. N. I. Chukanov. Izv. AN SSSR Ser. lit. i iz. 26 no. 5:491-495. S-O '67.
Business accounting on transportation vessels and material incentives. V. Levitin. Rezh. transp. 26 no. 11:11-12. '67.
The "Dartovskaya" Mine yields profit. A. Kovalenko. Sov. shakht. 16 no. 7:3. 11 '67.
Candor of the justice. I. Chernivchan. Sov. shakht. 16 no. 7:16. 11 '67.
Government prizes awarded in the anniversary year. M. V. Keldysh. Vest. AN SSSR. 37 no. 12:3-6. D '67.
High award. Rad. pravo. 30 no. 11:100-111. N '67.
For mastery, the laboring class. A. Zakharov. Sov. shakht. 16 no. 7:1-2. 11 '67.
Not only the leaders, but everybody. V. Ansimov. Grazhd. sv. 24 no. 9:20. S '67.
One and half million tons. Sov. shakht. 16 no. 6:4. Je '67.
Order on the plant's banner. R. B. Madel'. Lakokras. mat. i khim. prim. no. 5:35-36. '67.
The Parfenov coal seam. IU. Petukhov. Sov. shakht. 16 no. 7:9-10. 11 '67.
Problems and standards; from experience in organizing socialist competition in a platoon. V. K. Orda. Vest. protivovozd. obr. no. 6:47-19. Je '64.
[Problems of economic incentives for scientific and technological progress] Problemy ekonomicheskogo stimulirovaniya nauchno-tekhnicheskogo progressa. Moskva, "Nauka," 1967. 335 p.
Heard by the Great October Revolution. R. Gulliaev. Sov. shakht. 16 no. 7:11. 11 '67.
Siberian character. P. Gulyi. Sov. shakht. 16 no. 7:4-5. 11 '67.
They are awarded a high honor. Zakup sel'khoz. prod. no. 10:16-17. O '67.

332.1 BANKING

Brief information on foreign exchange and banks abroad. Den. i kred. 25 no. 12:86-88. D '67.
Communist labor is the guarantee of our achievements. O. Nikonova. Den. i kred. 25 no. 12:71-72. D '67.
Let us consolidate the jubilee year achievements. V. Vorobiev. Den. i kred. 25 no. 12:3-4. D '67.
Reality of the outstanding workers and communist labor shock workers of the State Bank. M. Baranicheva. Den. i kred. 25 no. 12:74. D '67.

The 23d Session of the International Monetary Fund and the International Bank for Reconstruction and Development, September 1967. Den. i kred. 25 no. 12:89. D '67.

332.1(471.314)—Vladimir Province

Some remarks. L. Gurkov. Den. i kred. 25 no. 12:44-46. D '67.

332.1(471.317)—Kostroma Province

Improve service to organizations operating on a profit basis. S. Tsvetkov. Den. i kred. 25 no. 12:59-61. D '67.

332.1(471.341)—Gorky Province

The experience prompts. V. Buzun. Den. i kred. 25 no. 12:16-18. D '67.

332.1(471.63)—Stavropol Territory

The pledges have been carried out. I. Zavalishin, T. Strelova. Den. i kred. 25 no. 12:42-43. D '67.

332.1(476)—White Russian S.S.R.

The challenge banner. S. Komezuk. Den. i kred. 25 no. 12:72. D '67.

Give more attention to efficiency promotion suggestions. K. Vederikov. Den. i kred. 25 no. 12:63-64. D '67.

332.1(477)—Ukrainian S.S.R.

On the efficiency promotion work. N. Kovalev, I. Volkov. Den. i kred. 25 no. 12:61-63. D '67.
Public inspection of efficiency promotion suggestions. N. Taranets. Den. i kred. 25 no. 12:64-65. D '67.

332.1(479.22)—Georgian S.S.R.

Along the path pointed out by the October Revolution. N. Shavadze. Den. i kred. 25 no. 12:41-42. D '67.

332.1(574)—Kazakh S.S.R.

First results. A. Tel'nov. Den. i kred. 25 no. 12:58-59. D '67.

332.1(575.2)—Kirghiz S.S.R.

Under the guidance of the Communist Party. I. Sadykov. Den. i kred. 25 no. 12:35-38. D '67.

332.1(575.4)—Turkmen S.S.R.

The bank and the economy of Turkmenistan. Kh. Sukhanov. Den. i kred. 25 no. 12:32-35. D '67.

332.2 SAVINGS BANKS, SAVINGS

332.2(574)—Kazakh S.S.R.

Our savings banks. T. Valiev. Den. i kred. 25 no. 12:68-70. D '67.

332.4 MONEY, MINT CURRENCY, COINAGE

Planning and regulating currency circulation in the village. I. Parfenov. Den. i kred. 25 no. 12:20-25. D '67.

332.4(4/9 104)—Capitalist countries of the world

Bortnik, M. Yu. [Currency circulation and credit in capitalist countries] Denezhnoe obshchenie i kredit kapitalisticheskikh stran. Moskva, "Finansy," 1967. 223 p.

332.5 FIDUCIARY MONEY, PAPER AND SPECIAL CURRENCIES, MONEY SUBSTITUTES, RATES OF EXCHANGE

Brief information on foreign exchange and banks abroad. Den. i kred. 25 no. 12:86-88. D '67.
Nature and role of the exchange ruble. A. Rotfelder. Den. i kred. 25 no. 12:26-31. D '67.

332.5(496)—European communist countries as a group

In the Permanent Committee on Foreign Exchange and Financial Problems of the Comecon. I. Lukin, I. In. SSSR. 41 no. 12:88. D '67.

332.6 EXCHANGE, FINANCIAL MARKET, CAPITAL INVESTMENT

Actual and standard coefficients of comparative economic efficiency of capital investments in construction. K. B. Leikina. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:34-48. '67.
Discussions on B. M. Smekhov's report. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:116-127. '67.
Discussions on K. B. Leikina's report. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:48-57. '67.
Discussions of M. N. Loiter's report. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:77-86. '67.

Discussions on T. S. Khachaturov's report. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:15-33. '67.

Discussions on V. I. Ivanitskiy's report. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:97-105. '67.

Efficiency of capital investments and capital assets in trade and methods of determining it. V. I. Ivanitskiy. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:87-97. '67.

Method of determining the economic efficiency of capital investments and selecting variants in projecting and planning for land improvement engineering. M. N. Loiter. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:78-79. '67.

Methodological problems of determining the economic efficiency of capital investments. T. S. Khachaturov. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:1-15. '67.

Using the national economic criterion of the efficiency of expenditures in projecting and planning for capital investments. B. M. Smekhov. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:106-116. '67.

Work of the Research Institute of the Economics of Construction of the State Construction Committee of the U.S.S.R. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:151-155. '67.

Work of the Scientific Council on the Economic Efficiency of Capital Assets, Capital Investments, and New Equipment of the Academy of Sciences of the U.S.S.R. in 1965. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:120-131. '67.

Work of the Section of Capital Investments of the Research Institute of Economics of the State Planning Commission of the U.S.S.R. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:140-150. '67.

Work of the Section of the Economic Efficiency of Capital Investments and New Equipment of the Institute of Economics of the Academy of Sciences of the U.S.S.R. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:144-157. '67.

332.6(430)—Hungary

Studying the economic efficiency of capital investments in the People's Republic of Hungary. Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR. no. 11:160-175. '67.

332.6(477)—Ukrainian S.S.R.

A year of issuing credit for equipment. R. Koshel'man, I. A. Sokol'skiy. Den. i kred. 25 no. 12:55-56. D '67.

332.7 CREDIT

[Finance and credit in the U.S.S.R. A textbook] Finansy i kredit SSSR. Ucheb. posobie. Moskva, "Mysl'," 1967. 202 p.

332.7(4/9 104)—Capitalist countries of the world

Bortnik, M. Yu. [Currency circulation and credit in capitalist countries] Denezhnoe obshchenie i kredit kapitalisticheskikh stran. Moskva, "Finansy," 1967. 223 p.

332.7(471.341)—Gorky Province

Issuing direct credit. V. Bachkarev. Den. i kred. 25 no. 12:51-52. D '67.

332.7(478)—Moldavian S.S.R.

Problems of issuing credit to collective farms. N. Zayev. Den. i kred. 25 no. 12:15-19. D '67.
Role of credit in developing the service industry. A. Kanaev, P. Odintsov. Den. i kred. 25 no. 12:15-19. D '67.

332.7(479.25)—Armenian S.S.R.

During the Soviet regime years. R. Khachatian. Den. i kred. 25 no. 12:38-40. D '67.

332.7(574)—Kazakh S.S.R.

First results of the experiment. V. Nazarov, V. Dzhurikov. Den. i kred. 25 no. 12:40-50. D '67.

333 LAND AND PROPERTY, REAL ESTATE

Legal principles of the Soviet cadaster of landed property. E. N. Kolotinskaya. Vest. Mosk. un. Ser. 12. Pravo. 22 no. 4:14-25. 11-Ag '67.
The Ninth Interrepublic Symposium on the Agrarian History of Eastern Europe. I. V. T. dovskaia. Int. SSSR. no. 4:222-227. 11-Ag '67.
Promoting and ensuring a strict observance of agricultural laws. I. Pankratov. Sots. zakon. no. 11:69-75. N '67.

333(474.3)—Latvian S.S.R.

Academic and production conference on land utilization. D. Sakharov. Ekon. sel'khoz. 43 no. 12:116-118. '67.

338(574)—Kazakh S. S. R.
The Great October Revolution and socioeconomic progress in Kazakhstan. S. B. Baishev. Vest AN Kazakh SSR 21 no 8:1-15 Ja '67

338(575. 1)—Uzbek S. S. R.
Building of the national economy of Soviet Uzbekistan. O. Dzhambov. Vop ekon no 11:31-38 N '67

[National economy of the Uzbek S. S. R. during 50 years. A statistical abstract.] Narodnoe khoziaistvo Uzbekskoi SSR za 50 let. Sbornik stat. materialov. Tashkent, Uzbekistan, 1967. 240 p

338(575. 3)—Tajik S. S. R.
Saburov, K. [The Tajik socialist nation is a progeny of the Great October Revolution] Tadzhikskia sotsialisticheskaia natsia—detsheche Oktabria. Spetsredaktor A. A. Vashnyskii. Dushanbe, "Ifon," 1967. 286 p

338(575. 4)—Turkmen S. S. R.
The bank and the economy of Turkmenistan. Kh. Sukharskiy. Dem. i kred. 25 no. 12:32-35 D '67.

338(593)—Thailand (Siam)
Wealth of Bangkok. L. Stepanov. Nov. vsem. 25[1 e 26] no. 4:27-29 Ja '68.

338(73)—United States of America
"America, is it really businesslike." A. Merkulov. V mire knig 7 no. 12:17 '67.

Development of industrial production in the U. S. S. R. and the U. S. A. I. Tsvetov. Vest stat. no 11:13-21 '67

Major sources of information on the U. S. A. economy. V. Kuznetsov. Vest Mosk un Ser 7 Ekon 22 no 6:71-83 N-D '67

333. 1. ECONOMICS OF AGRICULTURE. COLLECTIVE FARMS. STATE FARMS
[Agriculture of Russia, 1917-1967] Sel'skoe khoziaistvo Rossi, 1917-1967. Moskva, Russol'khozizdat, 1967. 227 p
Analysis of labor productivity on collective farms. V. P. Subbotin. Dokl. i soob. VNIISKH no 32:20-36 '66
[Chairmen speak] Rasskazyvalut predsedateli. [Gor'kii, Volgo-Viat. kn. izd.], 1967. 299 p
Develop the science of agricultural economics in every way possible. N. Aleksandrov. Ekon. sel' khov. 43 no. 12:12-20 '67.
Distributing profit. V. Liubimov. Ekon. sel' khov. 43 no. 12:10-13 '67.
Drawing up a construction finance plan describes serious situation. V. Ivanov. Sel' stroi. 18 no. 12:20 D '67
Economic bases of agricultural intensification. G. G. Kotov. Dokl. i soob. VNIISKH no. 11:7-19 '66.
[Economic condition of Russia on the eve of the Great October Socialist Revolution. Documents and materials.] Ekonomicheskoe polozhenie Rossi nakanune Velikoi Oktobr'skoi sotsialisticheskoi revoliutsii. Dokumenty i materialy. Leningrad, "Nauka," 1967.
Ch 3. [Agriculture and the peasantry] Sel'skoe khoziaistvo i krest'ianstvo. 1967. 540 p
Effect of the relation of the net case of productivity and wages on the cost of production on state farms. G. M. Demidov. Trudy Sverd. sel' khov. inst. 11:6-9 '65.
Financing the production. S. Val'ter. Ekon. sel' khov. 43 no. 12:36-40 '67
Give more attention to the legal formulation of the decisions of the collective farms administration. A. Novokhatnyi. Rad. pravo 30 no. 11:52-54 N '67.
Gross income, its computation and use for the analysis of production. V. A. Svobodin. Dokl. i soob. VNIISKH no. 32:56-59 '66
How to evaluate the produce of one's own production on collective farms. E. I. Filippov. Dokl. i soob. VNIISKH no 32:89-94 '66
Inter collective farm construction organizations take the construction on the collective farms fully into their own hands. A. Smirnov. Sel' stroi. 18 no. 2:12-13 F '64.
[Keeping records of expenditures on communal work in agriculture; problems of methodology and methods] Uchet obshchestvennykh zaiat i tuda v sel'skom khoziaistve: voprosy metodologii i metodiki. Moskva, "Ekonomika," 1967. 269 p
Kolesnev, S. G., and others. [Problems of economics and labor organization in agriculture.] Voprosy ekonomiki i organizatsii truda v sel'skom khoziaistvo. Moskva, Znanie, 1967. 62 p. (Novoe v zhizni, nauke, tekhnike. V Seria. Sel'skoe khoziaistvo, 11).
Liquidating deficiencies in construction on collective farms. L. Shvetsov. Sel' stroi. 18 no. 12:13 D '63
Material self-interest of agricultural toilers. A. P. Sorokin. Dokl. i soob. VNIISKH no. 30:121-129 '66.
Method for analyzing the influence of the quality of wool on state farm profit. N. S. Abdurakhmanov. Dokl. i soob. VNIISKH no 32:111-118 '66.
More building materials for rural constructions. Sel' stroi. 18 no. 6:1-2 Je '63
New developments in the rural areas. N. Riaboshapka. Kommunist 44 no. 2:36-44 Ja '68.

New payment conditions for the most valuable wheat varieties. Muk. i elev. prom. 33 no 10:1-2 O '67

Ovchinnikov, Yu. Y., and D. N. Pashennaya. [Collection of problems on the organization of mechanized accounting in agriculture] Sbornik zadach po organizatsii mekhanizirovannogo ucheta v sel'skom khoziaistvo. Moskva, "Kolos," 1967. 255 p. (Uchebniki i ucheb. posobia dlia vyssh. s. kh. ucheb. zavedenii)

Plans for the further upsurge of agriculture. N. Gusev. Ekon. sel' khov. 43 no. 12:1-11 '67.
Present-day level of intensity on collective farms on various production specialization. A. V. Rumiantseva. Dokl. i soob. VNIISKH no. 11:49-57 '66
Present-day problems of agricultural and collective farm law. Vest. Mosk un Ser 12 Pravo 22 no 4:86-89 N-D '67
Principles of legal regulation and organization of social insurance for collective farmers. V. A. Poroshina. Vest. Mosk un Ser 12 Pravo 22 no 6:61-71 N-D '67.
Problems of economic effectiveness, quality, and stimulation of mixed crop production. G. Shcherbinina. Muk. i elev. prom. 33 no 10:15-16 O '67
Problems of the turnover of working capital in collective farm production. I. A. N. Kagner, B. F. Sorozov. Dokl. i soob. VNIISKH no. 32:37-55 '66
The role of trade unions in the protection of the collective farmers' rights. I. Syrota. Rad. pravo 30 no 11:42-45 N '67.
Some data on the efficiency of using capital production funds on the collective farms of the non-Chernozem region. M. G. Golenko, A. P. Nikitina. Dokl. i soob. VNIISKH no 30:51-60 '66
Some problems of the economic analysis of the use of land in agricultural enterprises. I. V. Usiak. Dokl. i soob. VNIISKH no 32:119-127 '66
State insurance and the economics of collective farm production. L. Motylev. Fin. SSR 11 no 12:19-23 D '67
Studying the development of the economics of collective and state farms. P. S. Gorshkov. Trudy Sverd. sel' khov. inst. 11:15-17 '65
Sukhomosonko, N. D. [Accumulation and consumption on collective farms] Nakoplenie i potroblenie v kolhozakh Moskva, "Ekonomika," 1967. 151 p
The wage schedule and work classification on collective farms. K. Okhapkin. Ekon. sel' khov. 43 no. 12:72-79 '67
Wages, planning, and accounting in vegetable growing units. V. A. Lipatova. Dokl. i soob. VNIISKH no 32:70-88 '66.
Ways to the improvement of planning on state farms. G. M. Demidov. Trudy Sverd. sel' khov. inst. 14:1-5 '65.
We should ensure a strict observance of laws on collective farms. F. Dumet's. Rad. pravo 30 no. 11:27-28 N '67

338. 1 (438)—Poland
Characteristics of the development of the rural areas of Poland. Alonzy Siga. Nov. vsem. 25[1 e 26] no 6:11-13 F '68

338. 1 (471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)
From practice in the machine processing of the annual reports of state farms of the Russian Federation. B. Pleshkov, V. Moiseyeva. B. Dzel'm. Vest stat. no 11:65-72 '67

338. 1 (471. 311)—Moscow Province
The collective farm "Zaria Kommunistam" today. Sel' stroi. 18 no 12:16-17 D '63
Pioneer of state farm construction in the Moscow environs. A. Polnikov. Ekon. sel' khov. 43 no. 12:68-71 '67.

338. 1 (471. 312)—Tula Province
Efficiency of the intensification of agricultural production on the collective farms of Tula Province. L. S. Popova. Dokl. i soob. VNIISKH no. 31:119-126 '66.

338. 1 (471. 316)—Yaroslavl Province
Bungling workmen form Yaroslavl interfarm construction organization. V. Zaitsev, V. Zaitseva. Sel' stroi. 18 no 12:11 D '63

338. 1 (471. 322)—Lipetsk Province
Let's Grain Receiving Station on the 50th anniversary of the Great October. P. Belykh. Muk. i elev. prom. 33 no. 10:4 O '67.
The peasants. T. Bugro. V mire knig 7 no. 11:25 '67.

338. 1 (471. 324)—Voronezh Province
Financial organs help. R. Berezhnoi. Fin. SSR 41 no 12:68-70 D '67

338. 1 (471. 327)—Penza Province
Production funds, and the intensification of production on the state farms of Penza Province. A. N. Zhivaev. Dokl. i soob. VNIISKH no. 31:127-132 '66.

338. 1 (471. 332)—Smolensk Province
To our descendants. S. Zharkov, V. Kupchik. Sov. potrebn. koop. 11 no. 11:46-50 N '67.

338. 1 (471. 41)—Tatar A. S. S. R.
Economic efficiency of capital investments. L. P. Blinov. Dokl. i soob. VNIISKH no. 30:13-42 '66

338. 1 (471. 44)—Saratov Province
Analysis of the managerial operations of collective and state farms. T. S. Mitushkin. Dokl. i soob. VNIISKH no 32:5-19 '66

338. 1 (471. 46)—Astrakhan Province
We have to take measures quickly. M. Shulenin. Sel' stroi. 18 no 6:23-21 Je '63.

338. 1 (471. 54)—Sverdlovsk Province
Effect of the intensification on the development of the production of vegetables and potatoes on state farms in Sverdlovsk Province. M. P. Domidontov. Trudy Sverd. sel' khov. inst. 11:10-11 '65
Efficient organization of the production on state farms in Sverdlovsk Province. P. S. Gorshkov. Trudy Sverd. sel' khov. inst. 11:18-20 '65.

338. 1 (471. 62)—Krasnodar Territory
Our collective farm builders have kept their promise. V. Vasil'ev. Sel' stroi. 18 no. 2:13-17 F '61.

338. 1 (471. 63)—Stavropol Territory
Intensification and concentration of production on the collective farms of the central zone of Stavropol Territory. Z. D. Karibevskii. Dokl. i soob. VNIISKH no. 11:11-18 '66

338. 1 (471. 631)—Kalmuk A. S. S. R.
Work and plans of the Kalmuk collective farm builders. M. Apolunin. Sel' stroi. 18 no. 3:5 M '61

338. 1 (471. 67)—Daghestan A. S. S. R.
Economic efficiency of producing main types of agricultural products. A. D. Umakhtov. Probl. raz. ekon. Dag. no 1:137-138 '66
Influence of prices on wages paid for production on state farms. S. P. Kum. Probl. raz. ekon. Dag. no 1:5-21 '66

338. 1 (474. 5)—Lithuanian S. S. R.
Optimal sizes of state farms and their production subdivisions in the Lithuanian S. S. R. V. Vaskutis. Dokl. i soob. VNIISKH no. 11:133-139 '66

338. 1 (476)—White Russian S. S. R.
The White Russian peasantry on the path toward communism. V. S. Karpik. Vest. AN BSSR, Ser. Irim. nav. no. 1:54-62 '67

338. 1 (477)—Ukrainian S. S. R.
Budget work in provinces with predominantly agricultural production. V. Kichimov. Fin. SSR 11 no 12:61-62 D '67
Industrial supply center of the interfarm construction organization. M. Ankin, M. Vainman, I. A. Zakon. Sel' stroi. 18 no 12:20-21 D '63
Social and economic transformations in the Melitopol village. D. Meksin. Ekon. Rad. Ukr. 10 no 6:8-15 Ju '67
Visiting Pasha Angelina's fellow countrymen. N. Kalkov. V mire knig 7 no. 11:21 '67.

338. 1 (478)—Moldavian S. S. R.
Problems of issuing credit to collective farms. N. Zuev. Dem. i kred. 25 no. 12:15-19 D '67.

338. 1 (479. 22)—Georgian S. S. R.
In Georgian Scientific Research Institute of the Economics and Organization of Agriculture. G. Zhurzhunava. Ekon. sel' khov. 43 no 12:118-119 '67.

338. 1 (479. 24)—Azerbaijan S. S. R.
Comparative characteristics of the established production subtypes of cotton-growing collective farms in the Azerbaijan S. S. R. R. I. Mamedov. Dokl. i soob. VNIISKH no. 31:118-157 '66.

338. 1 (571. 15)—Altai Territory
Interfarm construction organization of Altai is improving its work. A. Ruitov. Sel' stroi. 18 no 12:15 D '63

338. 1 (575. 1)—Uzbek S. S. R.
Ibragimov, A. I. [Progressive forms of labor organization and business accounting within individual production units employed in cotton growing] Progressivnye formy organizatsii truda i vnutrikhoziaistvennyi raschet v khlopkovodstve. Tashkent, "Fan," 1967. 76 p

338. 1 (575. 2)—Kirghiz S. S. R.
Ilebaev, U. [Private garden plots in Kirghizistan] Prilussadbennoe zemlop. zovanie v Kirghizskoi SSR. Frunze, "Kyrgyzstan," 1965. 38 p.

- 338.4 **FORMS OF PRODUCTION. DISTRIBUTION OF INDUSTRY**
[Building materials industry of the U.S.S.R. 1917-1967] Promyshlennost' stroitel'nykh materialov SSSR 1917-1967. Pod red. Boidyeva A.S. [Moskva, Stroizdat, 1967] 332 p.
Great industrial power, B. Burganov, Mat., tekhn., snabzh., 2 no. 11-12-20 N '67.
Vollonovskii, G. K. [Fisheries in the Southern Atlantic] Rybolovstvo v Juzhnoi Atlantike, Moskva, "Pishevaia prom-st", 1967, 143 p.
What is new in the distribution of the productive forces N Ratova Vop ekon no 11 158-160 N '67.
- 338.4(477)—**Ukrainian S.S.R.**
Academic conference of young scientists, B. Davidov, Ekonom. Rad Ukr., 10 no. 6 93 Je '67.
- 338.5 **PRICE AND VALUE, COST**
Calculation of costs and price formation in the petroleum industry V. A. Ruzgov, Izv. v s'ezh. raz. nauch. i gos. 10 no. 10 99-101 '67.
Economic reform and coal prices IU Lit. Sov. shikht 16 no. 3-8-9 My '67.
Estimated price determination and accounting for individual expenditures in building production V. Tolstov, Vest stat. no 11 36-41 '67.
Standards of operational costs in planning the development of oil fields in the Carpathian mountain region L. A. Borko, Zh. i. Karpat'skaya Neft i gaz. prom., no 6 11-34 N-D '67.
- 338.6 **ORGANIZATION OF PRODUCTION**
Economics of nonferrous metallurgy during the anniversary year N. F. Glushkov, TSST met. 10 no. 10 13-18 O '67.
[Problems of creating industrial combines] Voprosy sozdaniia proizvodstvennykh ob'edinenii. Pod red. V. M. Lagutkina Moskva, "Mysl", 1967, 246 p.
- 338.6(73)—**United States of America**
Onushkin, V. G. [Scientific and technological progress and modern capitalism (based on the materials of the U.S.A.) Nauchno-tekhnicheskii progress i sovremennyi kapitalizm (na materialakh SShA) Moskva, "Mysl", 1967, 262 p.
- 338.9 **FACTORS OF PRODUCTION. FORM OF ECONOMY, ETC.**
Changes in the branch structure of social production and their efficiency I. Benin Vop ekon no 11 85-97 N '67.
Chernodanov, M. P. [Transformation of science into a direct production force during the building of communism] Prevrashchenie nauki v neposredstvennuiu proizvoditel'nuiu silu v proiesse stroitel'stva kommunizma, Moskva, "Mysl", 1965 90 p.
Confident strides of the five-year plan Komm. Vostuzh St 48 no. 18 84-85 S '67.
Fiftieth anniversary of the Great October Socialist Revolution Bel i zhuz. bel 13 no. 11-13 N '67.
Historical role of the CPSU in the development of the military and economic might of the U.S.S.R. N. Didenko Voen.-ist zhur. 9 no. 8 3-16 Ag '67.
Prognostication in economic geography, IU G. Saushkin, Vest Mosk un. Ser. 5 Geog. 22 no. 5 39-45 S-O '67.
Socialist division of labor and the industrial development of the Union Republics, IU, Vorob'ev, Vop ekon no 11 12-18 N '67.
Standardizing work completions is a potentiality for increasing the efficiency of capital investments, N. Astaulov Rech. transp. 26 no. 11 11-13 '67.
- 338.9(4.0)—**European capitalist countries**
A discussion of the book "Economic geography of the European capitalist countries" E. S. Efremova, Izv. Vses. geog. ob.-va 99 no. 4 333-335 Ji-Ag '67.
- 338.9(431)—**German Democratic Republic**
Industrial combines in the Democratic Republics of Germany and Poland R. Nechaev, Vop. ekon., no. 11 116-122 N '67.
- 338.9(438)—**Poland**
Industrial combines in the Democratic Republics of Germany and Poland R. Nechaev, Vop. ekon., no. 11 110-122 N '67.
- 338.9(471.232)—**Leningrad City**
[Leningrad industry during 50 years] Leningradskata promyshlennost' za 50 let. [Leningrad] Lentzdat, 1967, 436 p.
- 338.9(470.24)—**Azerbaijan S.S.R.**
Economic and geographical evaluation of natural resources, native conditions, and characteristic features of the territorial and production complex of the Azerbaijan S.S.R. G. A. Kochetov, B. T. Nazirova, Izv. AN Azerb. SSR, Ser. nauk o zem., no. 3/4-265-271 '67.
- 338.9(496)—**European communist countries as a group**
The Second Conference of Historians of Socialist Countries on the History of Factories and Industrial Plants A. V. Mitofanov, I. S. Rouachevskaya Ist. SSSR no 4 219-221 Ji-Ag '67.
- 338.91 **CAPITAL, LABOR, RAW MATERIALS, NATURAL ENERGY**
The relationship of basic and auxiliary labor force in industry L. Akopian Prom. Arm. 9 no. 9 70 '66.
Youth starts working Prom. Arm. 9 no. 9 70-71 '66.
- 338.98 **ECONOMIC PLANNING AND CONTROL**
Control by the workers and the nationalization of industry in Soviet historical literature T. A. Ignatenko Ist. SSSR no 4 7-18 Ji-Ag '67.
Economic effectiveness of the use of plastics V. M. Ioffe Plast. massy no 11 67-69 '67.
Vishniakov, V. G. [Dual dependence of the administrative organs of the national economy] Dvoynoe podchinenie organov upravleniia narodnym khoziaistvom Moskva, "Mezhdunar. otnosheniia", 1967, 144 p.
- 338.98(431)—**German Democratic Republic**
Popov, N. N. [Along the path of improvement Application of the new system of planning and guidance in the foreign trade and industry of the Democratic Republic of Germany] Po puti sovshnshstvovaniia Plimenenii novoi sistemy planirovaniia i rukovodstva vo vneshnei torgovle i v prom-sti GDR. Predisl. G. Kol'mosia Moskva, "Mezhdunar. otnosheniia", 1967, 208 p.
- 338.98(474)—**Baltic Republics**
[Interbranch studies in economic regions. Work practice of the Baltic Economic Region] Mozhnirasleveye issledovaniia v ekonomicheskikh ratonakh Opyt raboty po Pri-balt. ekon. ratonu, Moskva, "Nauka", 1967 381 p.
- 338.98(496)—**European communist countries as a group**
Ways of improving the efficiency of social production in the countries participating in the Common M. G. Levich, V. Shabunina Vop. ekon. no 11 98-108 N '67.
- 339 **DISTRIBUTION, CONSUMPTION OF WEALTH OR GOODS, STANDARD OF LIVING, ETC.**
Factors in the growth of national income under the new conditions L. Alaverdova Ist. SSSR 11 no. 12 36-42 D '67.
For the benefit of the people, P. Terent'ev, Mat., tekhn., snabzh., no. 10-52-65 '67.
New developments in the rural areas N. Riaboshapka, Kommunist 41 no. 2 33-41 Ja '68.
- 339(470.24)—**Azerbaijan S.S.R.**
Economic and geographical evaluation of natural resources, native conditions, and characteristic features of the territorial and production complex of the Azerbaijan S.S.R. G. A. Kochetov, B. T. Nazirova, Izv. AN Azerb. SSR, Ser. nauk o zem., no. 3/4-265-271 '67.
- 339(7)—**North America**
Method of converting the national income of the U.S.A. G. M. Kumann, Vest Mosk un. Ser. 7 Ekon. 22 no. 6 34-40 N-D '67.
- 34 **JURISPRUDENCE. LAW. LEGISLATION**
The 50th anniversary of Soviet rule and socialist justice A. Gorkin, Sots. zakon no 11 15-23 N '67.
Muromskii, I. U. [On youth's work and studies] O tude i uchebe molodezhi, [Moskva], Profizdat, 1967 80 p. (B-chka molodezhnogo aktivista 33 (189)).
Noble mission of jurisprudence S. A. Ivanov, Sov. gos. i pravo no 15-14 Ja '68.
Work of the "university of jurisprudence," V. Shekholov, V. Dobyn'skiy, Rad. pravo 30 no. 11 80-83 N '67.
- 34(474.5)—**Lithuanian S.S.R.**
Problems concerning the amendment of laws of the Lithuanian S.S.R., S. Vancovicius, Vest. Mosk un. Ser. 12 Pravo 23 no. 6 104-106 N-D '67.
- 34(51)—**China**
Disregard for the democratic principles of justice in the People's Republic of China, I. D. Perlov, Sov. gos. i pravo no. 1 75-82 Ja '68.
- 34(575.3)—**Tajik S.S.R.**
[Collected laws of the Tajik S.S.R. for the local soviets of workers' deputies] Sbornik zakonodatel'stva Tadzhikskoi SSR dlia mestnykh Sovetov deputatov trudiaschikhia, Dushanbe, "Irfon", 1966, 558 p.
- 340 **LAW IN GENERAL. COMPARATIVE LAW**
Concept of the subjective rights of Soviet citizens, V. A. Aivazian, Uch. zap. Tav. un., 100 19-32 '66.
- Gordienko, A. A. [The nature of Soviet law and the role of socialist society] Sushchnost' sovetskogo prava i rol' v sotsialisticheskoi obshchestve "Tabldort", Fr., 1967 148 p.
Some problems concerning the codification of law for the protection of natural resources in the Union Republics Vest Mosk un. Ser. 12 Pravo 22 no. 2 69 86 Ji-Ag '67.
A critical evaluation of some bourgeois theories of law in the light of the category of interest, IU S. Vorob'ev, Vest. Mosk un. Ser. 12 Pravo 22 no. 1 75 82 Ji-Ag '67.
Persuasion and coercion in the Soviet state Vest. Mosk un. Ser. 12 Pravo 22 no. 11 83-91 N '67.
Socialist law is a powerful means of the building of communist society, S. V. Kiselev, Sov. iust. 10 21 9-10 N '67.
- 340.6 **FORENSIC MEDICINE AND CHEMISTRY MEDICAL JURISPRUDENCE**
Electrographic and contact-diffusion methods for detecting metal in practical expertise, V. K. Bolotov, Slovo nauch. trud. Krasnoar. gos. med. un., 1966 101 p.
Forensic psychiatry, G. V. Morozov, Zhur. med. i psikh., 67 no. 11 1683-1685 '67.
- 341 **INTERNATIONAL LAW**
Using the armed forces in the name of the United Nations A. San'ko, Sov. gos. i pravo no. 1 90 95 Ja '68.
- 341(47)—**Union of Soviet Socialist Republics (U.S.S.R.)**
Problems concerning the operation of the rules of international law in the U.S.S.R., N. V. Milosov, Vest. Mosk un. Ser. 12 Pravo 22 no. 6 87 94 Ji-Ag '67.
- 341.1 **WORLD ORGANIZATION. REGIONAL UNIONS, ETC.**
The Nonproliferation Treaty, Nov. vrem., 25/1 2 27 no. 4-3 Ja '68.
- 341.2 **INTERNATIONAL RELATIONS AND TREATIES**
Participation in a conference on the legal regulation of international treaties I. Kiselev, Sov. gos. i pravo no. 1 118-119 Ja '68.
Problems concerning the operation of the rules of international law in the U.S.S.R., N. V. Milosov, Vest. Mosk un. Ser. 12 Pravo 22 no. 6 87 94 Ji-Ag '67.
The small nations and European security R. Lepinskii Nov. vrem. 25/1 2 27 no. 6 8-10 P '68.
[The Soviet state and international law] Sovetskoe gosudarstvo i mezhdunarodnoe pravo (Kv. ied. i i. Kozhevnikov Moskva, "Mezhdunar. otnosheniia", 1967 311 p.
- 341.2(476)—**White Russian S.S.R.**
Influence of the Great October Socialist Revolution on the consolidation of the international status of the White Russian S.S.R., V. S. Palatov, Vostok AN BSSR no. 1 118-119 Ja '68.
- 342 **PUBLIC LAW. CONSTITUTIONAL LAW**
All are equal before the law in the Soviet state M. Vituk, Rad. pravo 30 no. 11 12-17 N '67.
Development of the Leninist principle of the gradual consolidation of the White Russian state in the extension of the Union Republics' rights P. I. P. Petrykau, Vest. AN BSSR Ser. iust. iiam. nae no. 4 11 '67.
From the history of the theory of Soviet constitutional law; article S. N. I. A. Kupris, Vest. Mosk un. Ser. 12 Pravo 22 no. 4 3-13 Ji-Ag '67.
[Avich, L. S. [The state and socialist law and order] Gosudarstvo i sotsialisticheski pravoporiadok, Leningrad, 1967, 39 p.
Legal regulation of Soviet civil service, V. M. Manokhin, Sov. gos. i pravo no. 1 33-40 Ja '68.
Legal status of the ministries of the U.S.S.R., R. I. Kolibab, Sov. gos. i pravo no. 1 15-23 Ja '68.
Participation of the Ukrainian S.S.R. in the work of the United Nations Commission on Human Rights IU, Kachurienko, Rad. pravo 30 no. 11 94-97 N '67.
Soviet autonomy and the improvement of the forms of national states, D. L. Zlatopol'skii, Uch. zap. Tav. un. 100 59-70 '66.
- Vishniakov, V. G. [Dual dependence of the administrative organs of the national economy] Dvoynoe podchinenie organov upravleniia narodnym khoziaistvom Moskva, "Mezhdunar. otnosheniia", 1967, 144 p.
- 342(431)—**German Democratic Republic**
Popov, N. N. [Along the path of improvement Application of the new system of planning and guidance in the foreign trade and industry of the Democratic Republic of Germany] Po puti sovshnshstvovaniia Plimenenii novoi sistemy planirovaniia i rukovodstva vo vneshnei torgovle i v prom-sti GDR. Predisl. G. Kol'mosia Moskva, "Mezhdunar. otnosheniia", 1967, 208 p.
- 342(433)—**Federal Republic of Germany**
Extraordinary laws of the German Federal Republic as a threat to democracy and peace IU, P. I. P. Petrykau, Sov. gos. i pravo no. 1 120-128 Ja '68.

342(574)—Kazakh S.S.R.

Noncapitalist road to socialism is a path of the rapid development of freedom of the individual. T. Sar-senbaev. Vest AN Kazakh SSR 23 no 8 31-39 Ag '67.

We are improving the legal service work. N. Feidman. Fin. SSR 41 no 12 68-69 D '67.

342(575)—Central Asia

Noncapitalist road to socialism is a path of the rapid development of freedom of the individual. T. Sar-senbaev. Vest AN Kazakh SSR 23 no 11-30 Ag '67.

342.7 CIVIL RIGHTS

Concept of the subjective rights of Soviet citizens. V. A. Aikhan. Uch. zap. Evr. un. 100 19-32 '66.

343 CRIMINAL LAW

An analysis of trial practice in cases concerning the larceny and theft of private property. B. Bezub. Rad. pravo 30 no. 11 39-41 N '67.

This case was dismissed but the conflict continues. A. Blatin, F. Shepelev. Zhurnalists no 4 18-20 Ap '67. [Criminal law; special part] Ugolovnoe pravo; chast' osobennaya Moskva, "Urid. lit.," 1966, 550 p.

Criminal offense, elements of crime, and the classification of the forms of criminal law, a matter for discussion. N. P. Kuznetsova. Vest. Mosk. un. Ser. 12 Pravo 22 no. 1 35-36 11-Ag '67.

Determination of deliberate aggravated assault committed in the state of an intense emotional excitement. A. Serebri. Rad. pravo 30 no. 11 70-72 N '67.

Development of the materialistic theory of delinquency and criminal law by Marx and Engels. I. M. Reshetnikov. Sov. gos. i pravo no 1 11-30 Ja '68.

Exemption of penalties on the perpetrators of compound offenses. G. A. Kirgiz, M. Kh. Khadibulov, V. P. Malkov. Sov. gos. i pravo no 1 133-136 Ja '68.

Kogan, V. M. [Logical and jurisprudential structure of Soviet criminal laws] Logiko-iuridicheskaya struktura sovetskogo ugovolnogo zakona. Alma-Ata, "Kazakhstan," 1966, 80 p.

Responsibility for unlawful fishing for commercial purposes according to Soviet criminal law. R. M. Leont'ev. Vest. Mosk. un. Ser. 12 Pravo 22 no. 6 12-49 N-D '67.

Some problems of responsibility for petty hooliganism. E. V. Pukhova. Vest. Mosk. un. Ser. 12 Pravo 22 no. 6 73-81 N-D '67.

Theory of Soviet criminal procedure and the amendment of procedural laws. I. Petrov. Sots. zakon no 11 37-42 N '67.

We should give constant attention to compensation for loss caused by criminal acts. B. Rusynov, V. Kysil'. Rad. pravo 30 no. 11 35-38 N '67.

343(433)—Federal Republic of Germany

West German bourgeois conceptions of criminal procedure in the service of reaction and "revanchism." B. A. Filimonov. Vest. Mosk. un. Ser. 12 Pravo 22 no. 4 19-59 11-Ag '67.

343(476)—White Russian S.S.R.

Growing humanity of the justice of the White Russian S.S.R. L. A. Sankinova. Vest. AN BSSR, Ser. hram. nav. no 1 81-93 '67.

343(477)—Ukrainian S.S.R.

Differentiation of homicide and battery committed in the state of an intense emotional excitement from a criminal offense punishable according to Articles 97 and 101 of the criminal code of the Ukrainian S.S.R. V. Tkachenko. Rad. pravo 30 no. 11 73-75 N '67.

343.8 PENOLOGY, CRIME PREVENTION AND DETERRENTS

Development of an educational collective in corrective labor colonies. Report No. 2. Conditions and consistencies in the formation of a prisoner collective by stages. V. I. Klinika. Nov. issl. v ped. nauk no 9 76-81 '67.

Imposition of penalty on the perpetrators of compound offenses. G. A. Kirgiz, M. Kh. Khadibulov, V. P. Malkov. Sov. gos. i pravo no 1 133-136 Ja '68.

We can completely eliminate hooliganism. H. Tokar. Rad. pravo 30 no. 11 81-86 N '67.

343.8(476)—White Russian S.S.R.

Growing humanity of the justice of the White Russian S.S.R. L. A. Sankinova. Vest. AN BSSR, Ser. hram. nav. no 1 84-93 '67.

343.8(477)—Ukrainian S.S.R.

The development of Soviet corrective labor law in the Ukrainian S.S.R. I. Gelfand, A. Nosenko. Rad. pravo 30 no 11 80-82 N '67.

343.9 CRIMINOLOGY

One-sidedness and incompleteness of pretrial investigation and court trial as ground for lodging a protest. M. Skoryk. Rad. pravo 30 no 11 30-33 N '67.

Preparation of materials for identification of signatures in the process of criminal investigation. T. Fedorenko. Rad. pravo 30 no. 11 86-87 N '67.

343 915 JUVENILE DELINQUENCY

343.915(431)—German Democratic Republic

Basic characteristics of criminal procedure in juvenile delinquency cases in the German Democratic Republic. Horst Luter. Vest. Mosk. un. Ser. 12 Pravo 22 no 6 94-98 N-D '67.

343 977 CRIMINAL INVESTIGATION

Indictment and interrogation of the accused as a part of the investigation of the criminal violation of the rules of industrial hygiene and safety. N. P. Iablokov. Vest. Mosk. un. Ser. 12 Pravo 22 no 6 32-41 N-D '67.

Perov, L. V. [The clues show...]. Sludy vedut'. Kyiv, "Politytydav Ukrainy, 1966 62 p.

347 PRIVATE LAW. CIVIL LAW

Eviction from apartment houses owned by industrial enterprises and government agencies. L. Vasylychenko. Rad. pravo 30 no 11 67-68 N '67.

Kabaikin, A. Iu. [Property rights of Soviet citizens] Pravo lichnoi sobstvennosti grazhdan Moskva, "Znanie, 1967, 77 p. (Narodnyi universitet Fakul'tet pravovykh znaniy, 11).

Legal principles of the Soviet cadaster of landed property. T. N. Polotynskaya. Vest. Mosk. un. Ser. 12 Pravo 22 no 11-25 11-Ag '67.

Present-day problems of agricultural and collective farm law. Vest. Mosk. un. Ser. 12 Pravo 22 no 1 86-89 11-Ag '67.

Soviet civil law and socialist legality. S. Bratus'. Sots. zakon no 11 58-63 N '67.

Standard contracts covering agreement to deliver farm produce should be amended and specified. V. Ostapenko, S. Lyppovitsa. Kyiv. Rad. pravo 30 no 11 45-48 N '67.

Subjects of contracts for the delivery of farm produce. T. S. Bvchikova. Rad. pravo 30 no 11 48-51 N '67.

347(477)—Ukrainian S.S.R.

Recent legislative enactments. Rad. pravo 30 no 11 107-108 N '67.

347(66)—West and North Central Africa

Some theoretical problems of marriage and its conclusion according to the "Code of laws on marriage and guardianship of the Republic of Mali." I. S. Kopteva. Vest. Mosk. un. Ser. 12 Pravo 22 no 6 50-60 N-D '67.

347.1 BONDS CONTRACTS AGREEMENTS

Allakhverdov, M. A., and G. P. Savichev. [Agreements on cargo transportation] Dogovory o perovo-zhakh gruzov. Moskva, "Urid. lit.," 1967, 184 p.

347.51 LEGAL LIABILITY

Belakova, A. M. [Liability for loss caused by a source of increased hazard, liability of the owners of such sources of increased hazard] Vozmozhchenie vieda, pichennogo istochnikom povyshennoi opasnosti, otvetstvennost' vladet'el'sta istochnika povyshennoi opasnosti [Moskva] Izd. Mosk. un-ta, 1967, 55 p.

Liability for loss caused by failure to carry out commercial contracts. V. V. Ovsienko, V. A. Skogoriev. Sov. gos. i pravo no 1 112-115 Ja '68.

347.79 MARITIME LAW. SHIPPING, NAVIGATION LAW

Merenov, I. V., and A. G. Konstantinov. [Eliminating the effects of accidents aboard ships] Likvidatsiya posledstviy avarii na sudakh Moskva, "Transport," 1967 175 p.

347.9 PROCEDURE, JUDICIARY PERSONNEL ORGANIZATION, COURTS

An analysis of trial practice in cases concerning the larceny and theft of private property. B. Bezub. Rad. pravo 30 no. 11 39-41 N '67.

Carrying out the new decree on improved procedure in the collection of alimony and payments for the support of children. O. Bondarenko. Rad. pravo 30 no. 11 84 N '67.

Courts born of the revolution. L. Antonova. Sov. iust. no. 21 10-13 N '67.

Early history of the Soviet legal profession. E. Sinakskii. Sov. iust. no. 21 19-21 N '67.

Ensuring public participation in the execution of judicial decisions. I. Karmazin. Rad. pravo 30 no. 11 34-35 N '67.

Fifty glorious years. I. Smirnov. Sov. iust. no. 21 3-5 N '67.

The first Soviet people's courts. E. Finn. Sots. zakon. no. 11 65-68 N '67.

Generation of the October Revolution. V. Chikail, A. Mikhko, V. Davydov. Sots. zakon no 11 53-57 N '67.

He still remembers those times. Sov. iust. no. 21 23-25 N '67.

High standard, organization, and educational role of court trials. N. P. Chustakov, II. F. Aikhangr'skii. Sov. gos. i pravo no 1 87-91 Ja '68.

A life devoted to other people. P. Sibiriak. Sots. zakon no. 11 83-84 N '67.

One of the first Sov. iust. no 21 24-26 N '67.

One-sidedness and incompleteness of pretrial investigation and court trial as ground for lodging a protest. M. Skoryk. Rad. pravo 30 no 11 30-33 N '67.

Origin and development of supervisory proceedings. P. Trubnikov. Sots. zakon no 11 76-79 N '67.

The past and the present. Sov. iust. no 21 12-17 N '67.

Some problems concerning the further improvement of Soviet criminal procedure. Iu. A. Ivano. Vest. Mosk. un. Ser. 12 Pravo 22 no 4 26-34 11-Ag '67.

[Soviet criminal procedure. Special part. A textbook] Sovetskii ugovolnii protsess. Osobennaya chast' Uchebnoe posobie [Saratov] Izd. Saratovskogo un-ta, 1967, 244 p.

Then names won't fade away. S. Ivanov, V. Poininov. Sov. iust. no 21 20-23 N '67.

Theory of Soviet criminal procedure and the amendment of procedural law. I. Petrov. Sots. zakon no 11 37-42 N '67.

True people's justice. Sov. iust. no. 21 26-32 N '67.

Veterans are still on duty. Sov. iust. no 21 26-28 N '67.

We should give constant attention to compensation for loss caused by criminal acts. B. Rusynov, V. Kysil'. Rad. pravo 30 no 11 35-38 N '67.

We should improve the supply of the collegiums of attorneys at law with normative materials. P. Kuz'menko. Rad. pravo 30 no 11 55-56 N '67.

347.9(431)—German Democratic Republic

Basic characteristics of criminal procedure in juvenile delinquency cases in the German Democratic Republic. Horst Luter. Vest. Mosk. un. Ser. 12 Pravo 22 no 6 94-98 N-D '67.

347.9(433)—Federal Republic of Germany

West German bourgeois conceptions of criminal procedure in the service of reaction and "revanchism." B. A. Filimonov. Vest. Mosk. un. Ser. 12 Pravo 22 no. 4 19-59 11-Ag '67.

347.9(471.1)—Aichangel Province

The first revolutionary tribunals in Northern Russia. F. Dubrov. Sov. iust. no 21 16-17 N '67.

347.9(476)—White Russian S.S.R.

Development of the agencies of prosecuting authority in the White Russian S.S.R. during the Soviet regime. V. S. Shytkova. Vest. AN BSSR, Ser. hram. nav. no. 4 91-102 '67.

347.9(477)—Ukrainian S.S.R.

Decisions of the Supreme Court of the Ukrainian S.S.R. Rad. pravo 30 no. 11 102-106 N '67.

347.9(571.53)—Irkutsk Province

Establishment of Soviet courts in Irkutsk. R. Khachaturov, V. Shuvalova. Sov. iust. no. 21 11-15 N '67.

347.9(575.1)—Uzbek S.S.R.

[Law on the judicial system of the Uzbek Soviet Socialist Republic; with amendments and supplements as of July 1, 1967] Zakon o sudoustroistve Uzbekskoi Sovetskoi Sotsialisticheskoi Respubliki; s izmeneniami i dopolneniami na 1 iulia 1967 goda Tashkent, "Uzbekistan," 1967 66 p.

347.9(575.2)—Kirghiz S.S.R.

The development of legal procedure in Kirghizistan. I. Golubeva. Sots. zakon no 11 80-82 N '67.

347.961 NOTARIES

Recommended methods for the well-organized compilation of the normative materials of notarial practice. A. I. Aimenko. Rad. pravo 30 no 11 57-59 N '67.

Some problems concerning the issue of notarial writs of execution. V. Balabanova. Rad. pravo 30 no. 11 59-60 N '67.

347.963 PUBLIC PROSECUTOR

Reactionary nature of the public prosecution agencies of the Provisional Government, March-October 1917. E. A. Shipilev. Vest. Mosk. un. Ser. 12 Pravo 22 no 6 10-18 N-D '67.

Trubnikov, P. Ia. [Supervisory proceedings in civil cases] Nadzornoe proizvodstvo po grazhdanskim delam Moskva, "Urid. lit.," 1967, 144 p.

35.07 ADMINISTRATIVE AND GOVERNING BODIES

Legal status of the ministries of the U.S.S.R. K. E. Kolibal. Sov. gos. i pravo no. 1 15-23 Ja '68.

35.07(437)—Czechoslovakia

The Slovak National Council. F. A. Khatatian. Uch. zap. Evr. un. 100 33-57 '66.

35.08 PUBLIC SERVANTS AND PERSONNEL

Legal regulation of Soviet civil services. V. M. Manukhin. Sov. gos. i pravo no. 1 33-40 Ja '68.

People and events: Sidavvanahalli Nijalingappa Phanva Bouasy. Nov. viem 25 [i.e. 26] no 6 10-17 F '68.

- 35.08(66)—West and North Central Africa
People and events Ahmed Sekou Touré, John Grey Gorton
Nov. vrem. 25 no. 5, 7, 21 1968
- 35.08(64)—Australia (Commonwealth)
People and events Ahmed Sekou Touré, John Grey Gorton
Nov. vrem. 25 no. 5, 7, 21 1968
- 351 GOVERNMENT LEGISLATION, PUBLIC SERVICES, CONTROL REGULATIONS
Improvement of legislative techniques A. S. Pigolkin,
Sov. gos. i pravo no. 150-57 Ja '68
- 351(477)—Ukrainian S. S. R.
Let us ensure a strict observance of Leninist principles
in the examination of letters, suggestions, and complaints of workers M. Samitsky Rad. pravo 30
no. 11 8-11 N '67
- 351(575.3)—Tajik S. S. R.
[Collected laws of the Tajik S. S. R. for the local soviets
of workers' deputies] Sbornik zakonodatel'stva Tadzhik-
skoi SSR dlia mestnykh Sovetov trudiaschikhia
Dushanbe, "Irfon," 1968 558 p.
- 351.74 POLICE, CIVIC GUARD, POLITICAL,
POLICE, STATE SECRET POLICE,
ETC.
[Always on the alert; studies on the heroes of the Soviet
police and their exploits] Vsegda nacheko, ocherk i o
geroiakh i podvigakh sovetskoi militsii Moskva,
Politizdat, 1967 446 p.
A staunch guardian of the achievements of the Great
October Revolution, on the 50th anniversary of the
establishment of the All-Russian Cheka V. D. Holich-
enko Ukr. ist. zhur. 11 no. 12 109-111 D '67
They carry out their duty toward society, V. Pastukhov,
Rad. pravo 30 no. 11 76-80 N '67
- 351.74(73)—United States of America
The CIA in the Near East, B. Zabitov, Az. i Afr. seg.
11 no. 12 14-16 D '67
- 351.75 PUBLIC ORDER, SECURITY, CONTROL,
CENSORSHIP
Perov, L. V. [The clues show. . .] Slidy vedut' . . . Kiyv,
Politydyav Ukrainy, 1966, 62 p.
Through the impediments of censorship; devoted to the
centenary of the publication of the first issue of the
periodical "Dela" B. I. Esin, Kniga, issl. i mat.
no. 14 236-240 '67
- 351.75(73)—United States of America
A serious sickness of American society, A. N. Talalaev,
Vest. Mosk. un. Ser. 2 Pravo 22 no. 1 91-92 Il-Ag '67
- 351.77 PUBLIC HEALTH, FOOD, HOUSING,
ETC.
Strengthening of business accounting in housing operations
and management organizations A. Blizkin Fin. SSR
41 no. 12 28-32 D '67
- 351.82 ECONOMIC LEGISLATION AND CONTROL,
AGRICULTURE, TRADE AND INDUSTRY
Duel', I. A. [Acceptance of industrial goods by quality
and quantity] Priemka promyshlennykh tovarov po kolli-
chestvu i kachestvu. Izd. 4., dop. i peier Moskva,
"Ekonomika," 1967, 95 p.
Economic reform and the commercial rights of enter-
prises I. A. Tanchuk Sov. gos. i pravo no. 198-101
Ja '68
Give more attention to the legal formulation of the
decisions of the collective farms administration, A. Novokhats'kiy
Rad. pravo 30 no. 11 52-54 N '67
In the Lenin way. . . N. Buzulukov Zakup, sel'khoz. prod.
no. 10 4-8 O '67
Inevitable liability for the violation of commercial
commitments N. S. Malenka Sov. gos. i pravo no. 1
101-105 Ja '68
The laws which regulate the use and conservation of
natural resources and their limits as an integral
part of the legal system, N. D. Kazantsev Vest.
Mosk. un. Ser. 12 Pravo 22 no. 6 3-9 N-D '67
Legal status of construction organizations, I. S.
Dzhomardzhidze Sov. gos. i pravo no. 1 108-112 Ja '68
Liability for loss caused by failure to carry out
commercial contracts V. V. Ovsienko, V. A. Skogovits
Sov. gos. i pravo no. 1 112-115 Ja '68
Rakhlin, Z. M. [Law and business accounting] Pravo i
khozraschet Moskva, Znaniye, 1967, 76 p. (Narodnyi
universitet. Fakul'tet pravovykh znanii, 12).
Supervision of the strict observance of laws in industry
P. Shcherbyns'kiy, Rad. pravo 30 no. 11 23-27
N '67
- 351.82(161)—New states
The national democratic state and economic develop-
ment L. M. Entin Sov. gos. i pravo no. 1 83-89 Ja
'68
- 351.83 LABOR LEGISLATION AND CONTROL
Development of the labor rights of Soviet citizens,
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- Problems of labor law and the scientific organization of
work in industrial enterprises O. V. Smirnov Sov.
gos. i pravo no. 1 58-66 Ja '68
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R. Kondratiev, Z. Symoiot, O. Barabash Rad. pravo
30 no. 11 61-66 N '67
The role of trade unions in the protection of the collective
farmers' rights, I. Syota Rad. pravo 30 no. 11 42-
45 N '67
- 351.85 PUBLIC EDUCATION, ENLIGHTENMENT
AND CULTURE, ENCOURAGEMENT
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351.85(471.5)—Ural regions
[The cultural revolution in the Ural Mountain region]
Kul'turnaya revoliutsiia na Urale Sverdlovsk, Sredne-
Ural'skoe kn. izd., 1966, 308 p.
- 351.85(470)—Moldavian S. S. R.
Our heroes V. I. Panasevich, I. A. D. Pesis Kons.
i ov. prom. 22 no. 11 16-19 N '67
- 351.85(479.22)—Georgian S. S. R.
At the Samtskha Canning Combine P. G. Nadiradze
Kons. i ov. prom. 22 no. 11 20-31 N '67
- 351.87 ADMINISTRATION OF JUSTICE
The 50th anniversary of the Soviet regime and socialist
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A. Gorkin Sots. zakon, no. 11 16-23 N '67
11th glorious years L. Smirnov, Sov. iust. no. 21 3-5
N '67
The Great October Revolution and the observance of
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P. Tsubunikov Sots. zakon no. 11 76-79 N '67
Persuasion and coercion in the Soviet state Sots. zakon
no. 11 85-91 N '67
Soviet civil law and socialist legality, S. Bratus'ki
Sots. zakon no. 11 58-63 N '67
A true people's justice, Sov. iust. no. 21 28-32 N '67
We should ensure a strict observance of laws on
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27-29 N '67
- 351.87(471.342)—Kirov Province
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- 351.87(476)—White Russian S. S. R.
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the White Russian S. S. R. during the Soviet regime,
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- 351.87(477)—Ukrainian S. S. R.
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- 351.87(51)—China
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- 351.9 SUPERVISION, CONTROL OF PUBLIC
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- 352 LOCAL GOVERNMENT, MUNICIPAL
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352(477)—Ukrainian S. S. R.
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- 352(477.8)—Western Ukraine
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- 355 MILITARY ART AND SCIENCE, WAR, NATIONAL
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snab. Sov. Voor. Sil 27 no. 6 63-64 Je '67
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S '67
Brief news, facts, and finds, Voenn.-ist. zhur. 9 no. 7
12-116 Ji '67
By friendly efforts, V. I. Phippov, Sov. voen. 49 no. 10
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A calling or duty, V. I. Tropin, Mor. sbor. 50 no. 9 65-
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- Difficult routes, D. Sasorov, Sov. voen. 49 no. 2 33-37
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Examples of valor Komm. Vooruzh. Sil 48 no. 18 75-
76 S '67
Experience of annual financial planning, I. Kielev, Tyl. i
snab. Sov. Voor. Sil 27 no. 9 58-62 S '67
A faithful helper, V. Efremov, Sov. voen. 49 no. 15 47-
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Guarding the achievements of socialism during half a
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29 D '67
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Military psychiatry and cerebral injuries, N. N. Ymefetov,
Zhur. nevrol. i psikh. 67 no. 11 1680-1683 '67
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28 no. 12 92-93 D '67
- 355(497.2)—Bulgaria
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- 355(597)—Vietnam
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- 355(597.7)—North Vietnam
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- 355.02 NATIONAL DEFENSE POLICY, MILITARY
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49 no. 24 44-45 D '67
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- 355.02(589.4)—Israel
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- 355.02(73)—United States of America
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- 355.1 ARMY AND NAVY LIFE, TRADITION,
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Continuous combat intensity: notes on Party and political work in a division participating in the "Dnepr" training exercises, M. Korotaev, Komm. Voor. Sil 48 no. 22: 63-71 N '67.

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The creation and strengthening of political and party organizations in the army and navy, Komm. Vooruzh. Sil 48 no. 24: 36-43 D '67.

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For you, Soviet people, Sov. vojn., 48 no. 19: 1 O '67.

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Ideological seasoning of aviators, A. N. Sosnikov, Vest. protivovozd. obor., no. 9: 38-41 S '67.

The ideological unity of the Soviet people, A. I. Senchenko, Vest. protivovozd. obor., no. 9: 7-12 S '67.

In military districts and fleets, Komm. Voor. Sil 48 no. 22: 82-85 N '67.

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The industrious union of the people and the army of socialist countries, Komm. Vooruzh. Sil 48 no. 24: 71-77 D '67.

Let's work with each soldier, E. Mal'tsev, Komm. Vooruzh. Sil 48 no. 18: 48-52 S '67.

The man in the canvas jacket: Soviet literature about the Navy over the past fifty years, V. N. Infan'iev, Mor. sbor, 50 no. 7: 50-57 JI '67.

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Military science societies preparing for the 50th anniversary of the Great October Revolution F. Vorob'ev, V. Chetemykh Voen.-ist. zhur., 9 no. 9: 112-117 S '67.

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A new school year has begun, Tyl i snab, Sov. Voor. Sil 28 no. 12: 2-5 D '67.

October and communism Tekh. i vooruzh. 24 no. 10: 1 O '67.

October and the crisis of bourgeois ideology, N. Ponomarev, Komm. Vooruzh. Sil 48 no. 24: 50-57 D '67.

Officers set the mood for competition, L. P. Shatalov, Mor. sbor 50 no. 7: 80-83 JI '67.

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Problems and standards: from experience in organizing socialist competition in a platoon, V. K. Onda, Vest. protivovozd. obor. no. 6: 47-49 Je '61.

Raise combat readiness, S. E. Korostelev, Mor. sbor, 50 no. 7: 61-67 JI '67.

Realization of a dream, V. Bykovskii, Kryl. rod, 18 no. 11: 10-11 N '67.

Regulations, discipline, life, M. I. Vodianitskii, Sov. vojn., 49 no. 17: 6-7 S '67.

Relay race of courage, E. Gorbatiuk, Komm. Voor. Sil, 48 no. 22: 59-61 N '67.

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Revolutionary and combat traditions are a source of inspiration, F. Machaev Tyl i snab, Sov. Voor. Sil 28 no. 10: 45-51 O '67.

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Selfless service to the mother country, Tyl i snab, Sov. Voor. Sil 27 no. 9: 2-6 S '67.

Sentinels of the front edge, S. P. Vasiagin, Sov. vojn., 48 no. 15: 1-1 Ag '67.

The soldier did not have to worry, Sov. vojn., 48 no. 23: 28-29 D '67.

Strengthen the might of the fatherland, G. Shatunov, Voen. znani, 43 no. 11: 16-18 N '67.

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To new successes! G. M. Egorov, Mor. sbor, 51 no. 1: 3-8 Ja '68.

Triumph of ideas of the Great October Revolution, Kryl. rod, 18 no. 8: 2-3 Ag '67.

Under October's banner, Kryl. rod, 18 no. 11: 1 N '67.

A unit on the road, M. L'vov, Kryl. rod, 18 no. 12: 5 D '67.

A united family, A. Kazarov, Sov. vojn., 48 no. 23: 37 D '67.

A weapon which does not grow old, A. M. Vilesov, Vest. protivovozd. obor., no. 6: 14-19 Je '64.

[Where to begin? Thinking aloud] S. chego nachat' ? Myssi vslukh, Moskva, gaz. "Krasnaya zvezda," 1967. 32 p. (B-chka "Krasnoi zvezdy" No. 21 (226)).

The winged strength of traditions, Sov. vojn., 48 no. 17: 2-3 S '67.

Work with penitents is improving, Komm. Voor. Sil 48 no. 22: 86 N '67.

A worthy celebration of the Armed Forces anniversary, Komm. Vooruzh. Sil 48 no. 24: 3-8 D '67.

A year of glorious achievements, Mor. sbor, 51 no. 12: 3-9 D '67.

You are my friend, sea, A. L. Iutov, Sov. vojn., 48 no. 19: 11 O '67.

Young warriors of Lenin's party: from letters and correspondence, Komm. Vooruzh. Sil 48 no. 18: 32-38 S '67.

Zelenetsov, A. A. [Ten hours of courage] Dost' chasov muzhestva, Moskva, Voentizdat, 1967 110 p. (B-ka soldat i matrosa).

355.2 FORCES PERSONNEL, MOBILIZATION

Fast, dependable, effective... V. Kovalenko, Tyl i snab, Sov. Voor. Sil 28 no. 12: 87-90 D '67.

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Improve supply of spare parts for ships N. S. Korneev, Mor. sbor, 51 no. 12: 73-75 D '67.

It is not outward appearances that count... N. Overina, Sov. vojn., 49 no. 15: 41 Ag '67.

Managing officers from a flagship, V. Borodin, Tyl i snab, Sov. Voor. Sil 28 no. 10: 87-91 O '67.

Military state farms are at a new stage, F. Saushin, Tyl i snab Sov. Voor. Sil 27 no. 6: 58-60 Je '67.

On land and on sea, B. Donets Tyl i snab, Sov. Voor. Sil 28 no. 10: 63-67 O '67.

Preserving engineering equipment by dehumidifying the air V. Putilov Tyl i snab, Sov. Voor. Sil 27 no. 9: 79-82 S '67.

Rack for storing rubber and fabric receptacles, N. Komarevskii, Tyl i snab Sov. Voor. Sil 27 no. 9: 85 S '67.

The role of the commander in preparation of division and regiment service areas, K. Pivovarov Tyl i snab, Sov. Voor. Sil 28 no. 12: 14-21 D '67.

Securing metal connecting ramps when loading equipment, N. Butolin, Tyl i snab, Sov. Voor. Sil 28 no. 12: 89-90 D '67.

Supplying a submarine crew, D. Stroganov, V. Kozlov, Tyl i snab Sov. Voor. Sil 28 no. 12: 43-45 D '67.

Time makes us hasten, S. Boshchev Tyl i snab, Sov. Voor. Sil 27 no. 9: 38-43 S '67.

Without vulgar simplification and indulgence, A. Adel'khanian, Tyl i snab, Sov. Voor. Sil 28 no. 12: 21-25 D '67.

355.2 (439)---Hungary

For improvement in the feeding of troops, Mihály Ráka, Tyl i snab, Sov. Voor. Sil 28 no. 12: 49-51 D '67.

"Ironvódelem" on the work of service troops, V. Kytseenko, Tyl. i snab Sov. Voor. Sil 27 no. 6: 89-91 Je '67.

355.3 GENERAL ORGANIZATION OF THE FORCES

A cherished dream has been realized, E. Z. Demenkov, Mor. sbor 50 no. 7: 78-79 JI '67.

Chief petty officer on an atomic submarine, A. Krysov, Sov. vojn., 49 no. 15: 20-23 Ag '67.

The creativity of naval air officers, A. A. Mironenko, Mor. sbor 50 no. 7: 76-80 JI '67.

Every worker, a master, O. V. Sankovich Vest. protivovozd. obor., no. 6: 25-26 Je '64.

Give unremitting attention to commanders' training, I. A. Orlinov, Vest. protivovozd. obor., no. 6: 3-9 Je '64.

Identify yourself with your commander, I. P. Bondarev, Vest. protivovozd. obor., no. 12: 17 D '67.

Methodological training of officers, M. N. Kuklin, Mor. sbor, 50 no. 9: 60-62 S '67.

More creativeness in work, V. V. Ligostaev, Vest. protivovozd. obor., no. 6: 30-31 Je '64.

Motor transport troops are multiplying their successes, N. Dobzhikov, Tyl i snab, Sov. Voor. Sil 28 no. 12: 30-31 D '67.

An officer takes over a command... V. S. Krugliakov, Mor. sbor 51 no. 1: 10-19 Ja '68.

Once more in my own unit, F. V. Maurin, Vest. protivovozd. obor., no. 6: 27-28 Je '64.

The real school for mastery, A. N. Opanko Vest. protivovozd. obor., no. 6: 29-30 Je '61.

Relying upon seagoants, I. Noskov, Komm. Vooruzh. Sil 48 no. 18: 63-64 S '67.

Required by life: instilling the skills of training in future officers, G. V. Tarasov, Vest. protivovozd. obor., no. 9: 57-60 S '67.

The role of the commander in preparation of division and regiment service areas, K. Pivovarov, Tyl i snab, Sov. Voor. Sil 28 no. 12: 14-21 D '67.

Selection and distribution of cadres is an important condition for the improvement of work, I. Zakovotnii, V. Zaitsev, Tyl i snab, Sov. Voor. Sil 27 no. 9: 22-26 S '67.

355.3 (408)---Romania

Responsibility, G. Bojancu, Sov. vojn., 48 no. 15: 42-43 Ag '67.

355.4 OPERATIONS OF WAR, TACTICS AND STRATEGY

Aerial rams of naval pilots, A. D. Zaitsev, V. N. Gaponov, Mor. sbor 51 no. 12: 25-30 D '67.

Along the difficult path of the war: from frontline notes, G. Kazakov, Tyl i snab, Sov. Voor. Sil 27 no. 9: 13-15 S '67.

An adaptable training device, I. A. Sokolinskii, A. G. Mikhunshiev, M. I. Antonuk, Vest. protivovozd. obor., no. 12: 69-71 D '67.

Birlukov, G. F., and G. V. Mel'nikov. [Combat with tanks] Bor'ba s tankami. Moskva, Voentizdat, 1967 182 p.

The Black Sea Fleet in 1917, N. M. Grechaniuk, Mor. sbor, 50 no. 9: 28-34 S '67.

Bombardier from the "Orel," A. Laskin, Sov. vojn., 48 no. 19: 10 O '67.

Calculating payments for military transportation, S. Antunovich, Tyl. i snab, Sov. Voor. Sil 27 no. 6: 61-63 Je '67.

Defeat of the fascist German troops in Rumania, March-October 1944, N. Eronin, I. Shinkarev, Voen.-ist. zhur., 9 no. 9: 51-61 S '67.

- Economically profitable. M. Dzhundzhali. Tyl i snab. Sov. Voor. Sil 27 no. 9 66-67 S '67.
- The Estonian "Tasuja." N. Molodtsov. Grazhd. av. 24 no. 11:30-31 N '67.
- The exploits of launchers. A. A. Obukhov. Mor. shor. 50 no. 7 36-38 N '67.
- Plots of the Baltic Fleet during the revolution. A. I. Tikhonov. Mor. shor. 50 no. 20-22 S '67.
- From experience in organizing and conducting operations in the north-east. V. Semenov. Voen.-ist zhur. 9 no. 9 10-16 S '67.
- From river platform bugeas. A. Kurib. Tyl i snab. Sov. Voor. Sil 27 no. 9 71-72 S '67.
- Give children duty care. I. I. Chelipa. Vest. protivovozd. obor. no. 6 69-70 S '67.
- Guard duty in military transportation. E. Primak. Tyl i snab. Sov. Voor. Sil 28 no. 12 71-73 D '67.
- In a transshipping area. V. Zhilenko. Tyl i snab. Sov. Voor. Sil 28 no. 12 76-77 D '67.
- The joy and pride of guardsmen. A. Dimlov. Sov. voyn. 49 no. 23 12 D '67.
- Loudspeaker intercommunication system. B. V. Nikitin. Vest. protivovozd. obor. no. 6 70-71 S '67.
- The Matrosov regiment. A. Dashenkin. I. Sludnikovskii. Sov. voyn. 49 no. 17:29-31 S '67.
- The need for discipline in transportation. I. N. Stetskov. A. Pletov. Tyl i snab. Sov. Voor. Sil 27 no. 9 64-68 S '67.
- Notes of Air Force Colonel General A. G. Rylov. Voen.-ist zhur. 9 no. 9 73-81 S '67.
- On the Kursk. G. Zhukov. Voen.-ist zhur. 9 no. 9 82-97 S '67.
- One of our main tasks. I. Nogtikov. Tyl i snab. Sov. Voor. Sil 28 no. 12 76 D '67.
- Pain, Albert.** [They fought like guardsmen] Nad voitlem nagu kaardiväelase [Tallinn, "Eesti Raamat," 1966 121 p. In Estonian].
- Portantillages of the concentrator are broadened. V. D. Chanchikov. Vest. protivovozd. obor. no. 6 78-80 S '67.
- Proven through practice. N. N. Chernov. Vest. protivovozd. obor. no. 12 16-18 D '67.
- Rafanopulo, A. A.** [Guardsmen; memoirs of a tankman] Gavdelitsy, vospominaniya tankista Tula, Priekskoe kn. izd., 1967. 140 p.
- Sailors of the Baltic Fleet in July, 1917. P. I. Mushtakov. Mor. shor. 50 no. 7:21-24 N '67.
- Seven brave men. A. Fedorov. Sov. voyn. 49 no. 23 31 D '67.
- Special characteristics in service force work in the winter. V. Selivanov. Tyl i snab. Sov. Voor. Sil 28 no. 12 26-27 D '67.
- Taking winter conditions into account. B. Ageev. A. Volkov. Tyl i snab. Sov. Voor. Sil 28 no. 12 66-67 D '67.
- There is a hill near Chelbassy. V. Shatlov. Sov. voyn. 49 no. 18 33 S '67.
- Through the canyons of rivers beyond the clouds. Sov. voyn. 49 no. 18 9-12 S '67.
- Transportation by automobile for long distances. V. Khiorin, V. Sveshnikov, V. Udov. Tyl i snab. Sov. Voor. Sil 27 no. 6 71-74 Je '67.
- Unified cargo systems. V. Korneev. Grazhd. av. 24 no. 9:22-23 S '67.
- Use of mobile rocket artillery groups in the war years. P. I. Guskinev. Vest. protivovozd. obor. no. 12 87-90 D '67.
- V. I. Lenin on the role of the Navy in the October armed uprising. P. Z. Sivkov. Mor. shor. 50 no. 0:14-23 S '67.
- "We flew only in the skies..." N. Shimanov. Kivl. rod. 18 no. 11:34 N '67.
- Young officers in training. S. Bogdanov. Tyl i snab. Sov. Voor. Sil 28 no. 12 75 D '67.
- 355.4(471.4)—Central and Lower Volga regions**
- Heroes of the battle on the Volga. G. Gladikh, G. Petrov. Voen.-ist zhur. 9 no. 12 58-62 D '67.
- 355.4(474.3)—Latvian S. S. R.**
- The Riga operation of 1917. A. Kaviaradze. Voen.-ist zhur. 9 no. 9:118-123 S '67.
- 355.4(73)—United States of America**
- Problems in overcoming antimissile defenses. P. L. Sergeev. Mor. shor. 50 no. 9 91-96 S '67.
- 355.5 MILITARY TRAINING. EXERCISES. DRILL**
- Along the lead of creative genius. S. V. Podushko, G. I. Urazev. Vest. protivovozd. obor. no. 12 40-41 D '67.
- The armored squadron. R. Turchenko, V. Chetshvili. Sov. voyn. 49 no. 15:4-5 Ag '67.
- The art of firing; how can it be mastered? V. N. Nikanorov, A. I. Polnikov. Vest. protivovozd. obor. no. 9 25-28 S '67.
- At the alert signal. V. Zavorodinski. Tyl i snab. Sov. Voor. Sil 28 no. 10:52-55 O '67.
- Attack from the sky. A. Khorobrykh, K. K. Rod. 18 no. 12:2-4 D '67.
- The banner is forever. V. Malykh. Sov. voyn. 49 no. 24:14-16 D '67.
- The basic trend. V. Sysoev. Voen. znani. 43 no. 11:12-13 N '67.
- Being the training of chief petty officers to a level with modern demands. P. P. Giger'ev and others. Mor. shor. 51 no. 1 60-63 Ja '68.
- By word and deed. G. B. Kushnir. Vest. protivovozd. obor. no. 6 28-29 Je '64.
- A club and its active members. V. Hushin. Voen. znani. 43 no. 11 38 N '67.
- Combat training on small ships. L. S. Karafelov, G. V. Kovalevskii, O. V. Trifonov. Mor. shor. 51 no. 12 48-54 D '67.
- The components of combat readiness in fighter aviation. A. I. Radintsev. Vest. protivovozd. obor. no. 9 18-24 S '67.
- Continuous combat intensity, notes on Party and political work in a division participating in the "Dnepr" training exercises. M. Kozlov. Komm. Voor. Sil 18 no. 22 67-71 N '67.
- Continuously provide for units and ships in training exercises. Tyl i snab. Sov. Voor. Sil 27 no. 6 2-6 Je '67.
- Determining authenticity of results of operational-tactical calculations. B. N. Belash, R. A. Dalin, I. U. I. Chetshikov. Mor. shor. 51 no. 12 31-38 D '67.
- Distinctive marks of the anniversary year. A. Borodin. Tekhn. Vooruzh. 26 no. 10 16 O '67.
- Draftees are at the firing line. A. Konoplev. Voen. znani. 43 no. 11 39 N '67.
- The driver. Kurt Eichart. Sov. voyn. 49 no. 24:42-43 D '67.
- During prolonged sailing. D. Belikov. Tyl i snab. Sov. Voor. Sil 27 no. 6 25-28 Je '67.
- Every worker, a master. O. V. Senkevich. Vest. protivovozd. obor. no. 6 25-26 Je '61.
- From the editor's mail. V. Rad'ko, N. Korotkiy. I. Aionov. Tyl i snab. Sov. Voor. Sil 27 no. 6 91-92 Je '67.
- Give attention and support to young specialists. L. Sarychev. Tyl i snab. Sov. Voor. Sil 27 no. 6 65-67 Je '67.
- Give unflinching attention to commanders' training. F. A. Olshov. Vest. protivovozd. obor. no. 6 3-9 Je '64.
- Guard duty in military transportation. E. Primak. Tyl i snab. Sov. Voor. Sil 28 no. 12 71-73 D '67.
- Hello, earth! A. Steblikov. Sov. voyn. 49 no. 21:17 D '67.
- The history of training command cadres on the western front from 1918 to 1920. M. Batlan. Voen.-ist zhur. 9 no. 12 103-109 D '67.
- I am serving as a tankman. V. Andrianov, V. Chetshvili. Sov. voyn. 49 no. 17 4-5 S '67.
- Identify yourself with your commander. J. P. Bondarev. Vest. protivovozd. obor. no. 12 17 D '67.
- In our Order of Lenin Naval Academy. N. Badeev, N. Verin-chuk. Mor. shor. 50 no. 9 12-13 S '67.
- In the Carpathian Mountains. Sov. voyn. 49 no. 24:8-12 D '67.
- Let's work with each soldier. I. Maltsev. Komm. Vooruzh. Sil 48 no. 18 48-52 S '67.
- Linschenko, N.** [The 23d congress of the CPSU on the further strengthening of the defense power of the Soviet government] XXIII s'ezd KPSS o dal'neishem ukreplenii oborono-sposobnosti sovetskogo gosudarstva Tashkent, "Esh gvardiya," 1967 44 p. (Na strazhe Rodiny).
- Methodological training of officers. M. N. Kuklin. Mor. shor. 50 no. 9 60-62 S '67.
- Military education of the masses by the Society for the Promotion of Defense, Aviation, and Chemistry, 1927-1941. L. Borisov. Voen.-ist zhur. 9 no. 8 40-51 Ag '67.
- Missileman officers' master firing skills. M. N. Misk. Vest. protivovozd. obor. no. 6 37-40 Je '61.
- Mistakes must be corrected. A. P. Kidinov. Mor. shor. 51 no. 1 68-70 Ja '68.
- More creativeness in work. V. V. Ligostae. Vest. protivovozd. obor. no. 6 30-31 Je '64.
- On the job military training for students. A. N. Konchits, N. P. Ivanov. Vest. protivovozd. obor. no. 6 53-55 Je '61.
- Once more in my own unit. F. V. Maurin. Vest. protivovozd. obor. no. 6 27-28 Je '64.
- Our competition. Vest. protivovozd. obor. no. 9 32 S '67.
- Our competition. Vest. protivovozd. obor. no. 12 20-21 D '67.
- Persist in improving the educational process. E. V. Korshunov. Vest. protivovozd. obor. no. 9 13-17 S '67.
- Physical training of personnel. B. P. Verkhuturov. Mor. shor. 51 no. 12 60-61 D '67.
- Planning and conducting studies in an administrative platoon. A. I. Archenko. Tyl i snab. Sov. Voor. Sil 27 no. 9 34-36 S '67.
- Plans and reality. M. S. Leonov. Vest. protivovozd. obor. no. 12:36-39 D '67.
- Practical training in fire control for students. L. P. Sinitnikov, G. S. Litvinenko. Mor. shor. 50 no. 9 77-79 S '67.
- Preparing and conducting tactical training exercises. A. D. Sokolov. Vest. protivovozd. obor. no. 6 10-13 Je '64.
- Propaganda for the law of general military conscription. K. Grushevol. Komm. Vooruzh. Sil, 48 no. 24:22-28 D '67.
- Providing for a tank battalion in an advance detachment. V. Semenov. Tyl i snab. Sov. Voor. Sil 27 no. 9 26-29 S '67.
- The real school for mastery. A. N. Oshanin. Vest. protivovozd. obor. no. 6 29-30 Je '64.
- Relying upon sergeants. I. Noskov. Komm. Vooruzh. Sil 48 no. 18 63-64 S '67.
- Required by life, instilling the skills of training in chief officers. G. V. Tarasov. Vest. protivovozd. obor. no. 9 77-80 S '67.
- Rockets and people. N. Sitseva, N. Valago, I. Galtsev. Tekhn. Vooruzh. 26 no. 10 20-25 O '67.
- Selection and distribution of cadres is an important condition for the improvement of work. I. Zhelezovskii, V. Zaitsev. Tyl i snab. Sov. Voor. Sil 27 no. 9 22-25 S '67.
- Sentries of the front edge. I. Botov. Tekhn. Vooruzh. 26 no. 10 48 O '67.
- "Show us your training class." A. I. Archenko. Tyl i snab. Sov. Voor. Sil 28 no. 12 28-29 D '67.
- Skill, armor, fire. P. Plomkov. Tekhn. Vooruzh. 26 no. 10:26-27 O '67.
- Tactical and specialized training exercises with a road battalion. G. Kudashov. Tyl i snab. Sov. Voor. Sil 27 no. 6 32-35 S '67.
- Technique of analyzing a cruise and a navigator's work evaluations. I. U. A. Ivanov. Mor. shor. 50 no. 9 72-82 S '67.
- They have mastered their assigned task. P. Chikanov. Tyl i snab. Sov. Voor. Sil. Voor. Sil 28 no. 12 48 D '67.
- They know no barriers, on sea or on land. M. S. Fegorov. Mor. shor. 51 no. 1 16-17 Ja '68.
- A thorough knowledge of economics for military academy students. V. Zhovkovskii, V. Rubtsov. Tyl i snab. Sov. Voor. Sil 27 no. 9 52-57 S '67.
- To new heights in combat mastery. P. V. Shutov. Vest. protivovozd. obor. no. 12 15-19 D '67.
- Using tape recorders. A. S. Borsuk. Vest. protivovozd. obor. no. 12 71-72 D '67.
- Vigilance is our weapon. I. Kovtyn. Komm. Vooruzh. Sil 48 no. 18 71-74 S '67.
- A warm day. I. Skarunkin. Sov. voyn. 49 no. 18:16-31 S '67.
- Ways of improving ground training of flight crews. V. T. Melnikov. Mor. shor. 50 no. 4 70-73 S '67.
- We have become soldiers. G. I. Archenko. Sov. voyn. 49 no. 10 20-21 O '67.
- We have been on cruises. B. Bolokhov. Sov. voyn. 49 no. 24 18-19 D '67.
- With missiles. G. L. Ainsberg. Tyl i snab. Sov. Voor. Sil 28 no. 10:55-58 O '67.
- With round targets and silhouettes. N. Sarychev. Voen. znani. 43 no. 11 10 N '67.
- 355.5(431)—German Democratic Republic**
- Brothers in combat. A. Baitenkov. Sov. voyn. 49 no. 15:18 Ag '67.
- In peak condition. Sov. voyn. 49 no. 15:9-12 Ag '67.
- 355.5(437)—Czechoslovakia**
- Is in combat. Jan Cervený. Sov. voyn. 49 no. 24 41-42 D '67.
- 355.5(471.310)—Moscow City**
- In a united system. Roza Tuchenko. Sov. voyn. 49 no. 24 13 D '67.
- They achieved what they aimed for. I. Leonov. Voen. znani. 43 no. 11 22-23 N '67.
- Truly a national matter. A. Bardin. Voen. znani. 43 no. 11 27-28 N '67.
- 355.5(471.311)—Moscow Province**
- Games in "Amurshonok" camp. V. Bradikhin. Voen. znani. 43 no. 11:31 N '67.
- 355.5(471.316)—Yaroslavl Province**
- A sense of duty and demands of the heart. I. P. Lysy. Vest. protivovozd. obor. no. 12 22-27 D '67.
- 355.5(471.45)—Volgograd Province**
- Not only in the factory. M. Aparin. Voen. znani. 43 no. 11:22 N '67.
- 355.5(471.55)—Chelyabinsk Province**
- Success lies in preparation. B. Ravodin. Voen. znani. 43 no. 11:24-25 N '67.
- 355.5(476)—White Russian S. S. R.**
- Refresher training, exhibitions, exercises. S. Komarov. Voen. znani. 43 no. 11 28 N '67.
- Relay race of courage. A. Kargh. Voen. znani. 43 no. 11:33-34 N '67.
- 355.5(477)—Ukrainian S. S. R.**
- From the first to the tenth. P. Mazur. Voen. znani. 43 no. 11:26 N '67.
- Pathfinders of national exploits. N. Khimenko. Voen. znani. 43 no. 11:36-37 N '67.

355.5(497.2)—Bulgaria
The heart of a friend. M. Petrov. Sov. voia 49 no. 17-43 S '67

355.5(571.66)—Kamchatka Province
A group has left for the country V. Zhalchenko. Voen. znaniia 43 no. 11-29 N '67

355.5(574)—Kazakh S. S. R.
This is radio station... A. Oshkin. Voen. znaniia 43 no. 11-29 N '67

355.5(575.4)—Turkmen S. S. R.
Along southern frontiers. A. Drovoskov. Tekhn. i. inzh. 26 no. 10-47 O '67.
Where there are only sands... A. Gel'dyev. Voen. znaniia 43 no. 11-29 N '67

355.6 MILITARY ADMINISTRATION
Among all the main things. N. M. Mikhuk. Tyli i snab. Sov. Voor. Sil 27 no. 9-47-18 S '67
Branches of the national economy and modern warfare. A. Titov. Tyli i snab. Sov. Voor. Sil 18 no. 22-77-81 D '67
The commander and unit administration and services. A. F. Gorovskii. Tyli i snab. Sov. Voor. Sil 27 no. 6-38-45 Je '67.
Current questions in the work of industrial establishments. R. Averbukh. Tyli i snab. Sov. Voor. Sil 28 no. 12-56-59 D '67
From pennies, dollars grow. I. Klimishin. Tyli i snab. Sov. Voor. Sil 28 no. 12-52-55 D '67.
A good tradition. G. L. Mel'nikov. Tyli i snab. Sov. Voor. Sil 28 no. 12-18-19 D '67.
Management will be strengthened. N. Medvedev. Tyli i snab. Sov. Voor. Sil 27 no. 6-50-51 Je '67.
Managing officers from a flagship. V. Borodin. Tyli i snab. Sov. Voor. Sil 28 no. 10-87-91 O '67.
Potentials for economizing? They are everywhere. B. Smolov. Tyli i snab. Sov. Voor. Sil 28 no. 12-46-47 D '67.
Precise management decides the success of a matter. G. P. Skorkov. Vest. protivovozd. oboz. no. 12-12-14 D '67
A reward for the deceiving. P. Mal'khun. Tyli i snab. Sov. Voor. Sil 28 no. 12-32-38 D '67.
Role and place of main branches of the national economy in economic provisions for modern warfare. K. Spidchenko. Tyli i snab. Sov. Voor. Sil 28 no. 12-60-66 D '67.
Struggling for better military management. G. I. Mol'kov. Vest. protivovozd. oboz. no. 9-17 S '67.

355.7 MILITARY ESTABLISHMENTS, DEPOTS, ETC.
An icy airport. N. Nerpin. Tyli i snab. Sov. Voor. Sil 28 no. 12-39-42 D '67.
Military ports are growing and improving. S. Meshkov. Tyli i snab. Sov. Voor. Sil 28 no. 12-6-11 D '67.
Preparation and maintenance of dirt airports. I. Kaitashiev. Tyli i snab. Sov. Voor. Sil 27 no. 6-83-86 Je '67.

356 ARMY
The development of organizational forms of ground forces during the Great Patriotic War. K. Malan'in. Voen.-ist. zhur. 9 no. 8-18-19 Ag '67

356.1 INFANTRY
The sky is open to me. V. Shilin. Kryl. rod. 18 no. 11-11 N '67.
You cannot help being an eagle. A. Rogach. Sov. voia 49 no. 18-4-5 S '67.

356.3 ADMINISTRATIVE AND AUXILIARY SERVICES
All for victory over the enemy. P. Lamolin. Tyli i snab. Sov. Voor. Sil 28 no. 10-25-30 O '67.
Deeds and thoughts of innovators in the military medical service. I. Pavlov. Tyli i snab. Sov. Voor. Sil 28 no. 12-64-66 D '67.
Development of the organizational fundamentals of surgical aid for the wounded in Soviet Army during 50 years. A. S. Georgievskii. Vest. khir. 69 no. 9-1-11 S '67.
A diligent and devoted master sergeant. M. Khaluev. Tyli i snab. Sov. Voor. Sil 27 no. 8-37 S '67.
Equipment speeds work. N. Medvedev. Tyli i snab. Sov. Voor. Sil 28 no. 10-76-80 O '67.
The gifts of nature for a soldier's table. V. Lebedev. Tyli i snab. Sov. Voor. Sil 27 no. 6-40-51 S '67.
Guarding the health of sailors. P. Gorbatykh. Tyli i snab. Sov. Voor. Sil 27 no. 6-46-49 Je '67.
Guarding the health of Soviet troops. D. Kuvshinskii. Tyli i snab. Sov. Voor. Sil 27 no. 9-7-12 S '67.
In the troubled time of the Great Patriotic War. S. Vorob'ev. Tyli i snab. Sov. Voor. Sil 28 no. 10-20-24 O '67.
Medical equipment serving health. I. Afanogenov. Tyli i snab. Sov. Voor. Sil 27 no. 6-86-88 Je '67.
Medical service in civil defense. S. A. Iagubov. Azerb. med. zhur. 44 no. 11-65-68 N '67.
A physician on a submarine. A. A. Konychev. Mor. sbor. 50 no. 9-74-76 S '67.

Progress of surgery in the Soviet Union. A. A. Vishnevskii. Tyli i snab. Sov. Voor. Sil 28 no. 10-68-72 O '67.
Soviet military veterinary medicine. N. S. S. Tyli i snab. Sov. Voor. Sil 28 no. 12-13-13 D '67.
To a new stage of development. M. Stetskal. Tyli i snab. Sov. Voor. Sil 27 no. 9-50-52 S '67.
When one works with favor. N. Grigor'ev. Tyli i snab. Sov. Voor. Sil 28 no. 10-84-85 O '67

356.3(571.64)—Sakhalin Province
A needed profession. V. Bukiicev. Tyli i snab. Sov. Voor. Sil 28 no. 10-92-95 O '67.

358.1 ARTILLERY AND ARMOR
Belokon', A. P., and V. I. Kalaida. [Engineering provisions for marches and meeting engagements of a motorized rifle (tank) battalion. Inzhenernoe obespochenie marshi i vstrechnogo boia motostrelkovogo (tankovogo) batal'ona. Moskva, Voenizdat, 1967 161 p
The development of artillery and rocket weapons in the Navy. V. A. Sychev. Mor. sbor. 50 no. 7-34-11 Ji '67

358.4 AIR FORCE
Advanced experience and practice. IU. Mamsurov, V. Semenov. Komm. Voen. zhur. Sil 48 no. 18-58-62 S '67.
Air defense units of our country. P. Batitskii. Voen.-ist. zhur. 9 no. 8-17-27 Ag '67.
The Air Force. K. Vershulin. Voen.-ist. zhur. 9 no. 9-27-39 S '67
The aircraft commander. A. I. Balabascv. Mor. sbor. 50 no. 9-67-71 S '67
Conquering the fifth ocean. Sov. voia. 49 no. 23-1-3 D '67.
A contemporary of October. V. Tur. Sov. voia. 49 no. 23-9-11 D '67
Fifty years in aviation. A. Kiselev. Voen.-ist. zhur. 9 no. 8-52-62 Ag '67
Frontline friends meet. N. Shtuchkin. Kryl. rod. 18 no. 8-16-17 Ag '67.
Internationalists. V. Smirnov. Kryl. rod. 18 no. 8-10-11 Ag '67

358.4(433)—Federal Republic of Germany
The Air Force of the Federal Republic of Germany is the striking force of aggression. D. D. Gorbatenko. Vest. protivovozd. oboz. no. 12-79-83 D '67.

358.4(73)—United States of America
Military transport planes of the U. S. A. during the Second World War. IU. Katsenok. Voen.-ist. zhur. 9 no. 7-31-11 Ji '67.

359 NAVY
An unusual mission. IU. F. Tarasuk. A. I. A. Glagaz'in. Mor. sbor. 51 no. 1-28-30 Ja '68
Cruises in the tropics. I. D. Golod. Mor. sbor. 51 no. 1-54-56 D '67
The development of artillery and rocket weapons in the Navy. V. A. Sychev. Mor. sbor. 50 no. 7-34-11 Ji '67.
Evaluate psychophysiological qualities of flight crews more fully. I. D. Dolinskii. Mor. sbor. 51 no. 1-55-50 Ia '68.
The fleet of oceanic spaces. S. G. Gorskov. Sov. voia 49 no. 24-2-3 D '67.
A green street for sports. IU. Urbanovich. Sov. voia 49 no. 17-38-40 S '67.
Floating headquarters for the "Centaur". A. L. Lariov. Sudostroenie 57 no. 11-102-103 N '67
Half a century in active service. S. G. Gorskov. Sudostroenie 57 no. 11-6-8 N '67.
Heroes of Nalasaar Island. V. Kraenov. Sov. voia. 49 no. 24-8 D '67.
Improve supply of spare parts for ships. N. S. Korneev. Mor. sbor. 51 no. 12-73-75 D '67
Managing officers from a flagship. V. Borodin. Tyli i snab. Sov. Voor. Sil 28 no. 10-87-91 O '67.
On board ships, in naval units and divisions; from reports of our correspondents. Mor. sbor. 50 no. 7-16-20 Ji '67
On board ships, in naval units and divisions; from reports of our correspondents. Mor. sbor. 50 no. 9-8-11 S '67
On board ships, in naval units and divisions; from reports of our correspondents. Mor. sbor. 51 no. 12-10-13 D '67.
On board ships, in naval units and divisions; from reports of our correspondents. Mor. sbor. 51 no. 1-18-21 Ia '68.
On land and on sea. B. Donets. Tyli i snab. Sov. Voor. Sil 28 no. 10-63-67 O '67.
Searching and finding. A. Slagarev. Tyli i snab. Sov. Voor. Sil 27 no. 9-62-63 S '67.
Soviet sailors in Stockholm. B. I. Zverev. Mor. sbor. 50 no. 9-49-54 S '67
The widged guard scales new heights. V. I. Kolchin. Mor. sbor. 51 no. 12-56-59 D '67.

359(431)—German Democratic Republic
Struggling for skill in combat. Johannes Streubel. Mor. sbor. 50 no. 7-21-23 Ji '67.

362.1 MEDICAL (HEALTH) SERVICES. HOSPITALS, CLINICS, SANATORIUMS, SPAS, ETC.
Experience of the experts for work and of job placement of patients following radical surgery for lung cancer. Preliminary report. V. V. Il'vinskii. Izv. Kazakh. inst. khir. i esp. khir. AMN SSSR 12-202-206 '66

362.1(433)—Federal Republic of Germany
Surgical clinics in the Federal Republic of Germany. A. A. Vishnevskii. Eksp. khir. i anest. 12 no. 6-87-90 N-D '67.

362.1(479.24)—Azerbaijan S. S. R.
Immediate and late results of antibacterial therapy in children with bronchitis, in sanatorium-climatic conditions of Azerbaijan S. S. R. Tsimanova. Azerb. med. zhur. 14 no. 8-64-75 Ag '67

362.1(497.2)—Bulgaria
Basic results of development and results of scientific research in the field of health resort and physiotherapy in the People's Republic of Bulgaria. L. Telchakov, I. Borov. Vop. kur. i fizioter. lech. fiz. kul't. 32 no. 5-557-561 N-D '67

362.3 WELFARE OF FEEBLEMINDED, IMBECILES, INCLUDING BACKWARD AND MALADJUSTED CHILDREN
Social and professional placement of mental patients; social readaptation and rehabilitation. D. E. Melchikov. Zhur. nev. i psikh. 87 no. 11-1868-1871 '67.

362.4 WELFARE OF PHYSICALLY HANDICAPPED
Rehabilitation of patients with rheumatic carditis. E. L. Taniukhina. Kardiologia 7 no. 12-105-109 D '67.
Temporary loss of work capacity in myocardial infarct. L. I. Fogel'son and others. Kardiologia 7 no. 7-50-54 Ji '67.

362.7 CHILD WELFARE CARE, ADOPTION, ETC
Almatinskala, A. V., and A. I. Aydeeva. [The light of our eyes] Svet nashikh ochei. Tashkent, "Uzbekistan," 1967 99 p

362.8 YOUTH WELFARE, CLUBS, ETC.
A. V. Ivanov and children. L. D. Iuzin. Rad. shk. 46 no. 11-78-76 N '67
The youth is on the stage. A. Beliaeva, A. Glukhov. Sov. shkoln. 16 no. 12-23 D '67

362.8(575.2)—Kirghiz S. S. R.
Young technicians and naturalists of Kirghizia. Z. V. Andreeva. Shkola i prosv. 11 no. 8-60-63 Ag '67.

367 INSTITUTIONS FOR SOCIAL INTERCOURSE. CLUBS, ETC.
A powerful means for the all-around development of the rising generation. M. N. Kolmakova. Sov. pedagog. 31 no. 11-71-80 N '67

367(477)—Ukrainian S. S. R.
The system of the governmental guidance of artistic, cultural and educational institutions in the Ukrainian S. S. R., 1917-1967. L. I. Nosov. Ukr. ist. zhur. 11 no. 9-22-28 S '67.

367(477.8)—Western Ukraine
Cultural and educational work in Bukovina in 1944-1958. V. M. Kholodchuk. Ukr. ist. zhur. 11 no. 9-108-112 S '67.
Hoshko, IU. H. [Community life of workers in the Western Ukraine, 1920-1939] Hromads'kyi pobut robotnykiv Zakhidnoi Ukrainy, 1920-1939 rr. Kyiv, "Naukova dumka," 1967. 261 p

368 INSURANCE
Inventory of citizens' property subject to compulsory insurance. V. Somin. Fin. SSSR 41 no. 12-77-78 D '67

368(471.333)—Dnyansk Province
A decade later. T. Pavlov. Fin. SSSR 41 no. 12-57-59 D '67

368.4 SOCIAL INSURANCE. WORKMEN'S INSURANCE
History of social insurance in our country. A. O. Hryshchyn's'kyi. Ukr. ist. zhur. 11 no. 9-99-103 S '67.
Principles of legal regulation and organization of social insurance for collective farmers. V. A. Poroshina. Vest. Mosk. un. Ser. 12. Pravo 22 no. 6-81-71 N-D '67

368.5 AGRICULTURAL INSURANCE
State insurance and the economics of collective farm production. L. Motylev. Fin. SSSR 41 no. 12-19-23 D '67

369.4 YOUTH MOVEMENTS. YOUTH ASSOCIATIONS
369.4(477)—Ukrainian S. S. R.
Today we are young naturalists, tomorrow we may be scientists. L. P. Torchalo. Rad. shk. 46 no. 11-80-82 N '67.

The student movement in Japan. L. M. Nosyrev, Vost. vyzh. shkoly 25 no. 9 88-90 5 '67

37 EDUCATION

A. M. Gorbunov on the inculcation of work habits in youth. A. A. Mikheev, Shkola i prosv. 10 no. 8 8-10 Ag '66
Belovashina, N. M., and others. [Nature in the aesthetic education of youth, an aide to teachers of biology and students of local history]. Priroda i esteticheskoye vospitaniye molodezhi, v pomoshch' uchiteliam biologii i kraevedam. IARoslavl', Verkhne-Volzhskeye Pntzhnoe izd-vo, 1967 161 p

The first steps of Soviet public education. N. M. Sushchikova, Sred. spets. obr. 14 no. 11 31-36 N '67.

From the history of the Bolsheviks' struggle for the new school. M. P. Borisenko, Rad. shk. 46 no. 11 41-44 4 '67

Kuznetsov, F. F. [A citizen is growing up.] Naslet grazhdin. Moskva, 'Znanie', 1967 47 p. (Narodnyi universitet. Pedagogicheskiy fakul'tet, 12).

Feeding ideas of the Soviet theory of psychology. H. S. Kostukh, Rad. shk. 46 no. 11 22-24 N '67.

Lenin and pedagogy. N. K. Goncharov, Sov. pedagog. 31 no. 11 12-17 N '67

Milestones of a remarkable road. M. Kondakov, Sem. i shkola 22 no. 11 4-5 N '67

A session of the Institute of Non-Russian Schools of the Academy of Pedagogical Sciences of the U.S.S.R. Sov. pedagog. 31 no. 11 156-158 N '67

Soviet educational psychology during 30 years. L. I. Borzhovich, L. S. Slonina, Vop. psikh. 13 no. 5 51-70 S-O '67

V. I. Lenin, organizer of the cultural revolution. Vech. sred. shkola 10 no. 5 7-5 S-O '67.

V. I. Lenin's views on combining education with productive work. polytechnical education, and propaganda in industry. O. M. Ilyashko, Rad. shk. 46 no. 11 33-40 N '67

What kind of an academy do we need in Russia? D. I. Mendel'tsev, Nov. issl. v ped. nauk. 42 no. 12 176-198 D '66

37(431)—German Democratic Republic

The theory of pedagogical science in the German Democratic Republic and the October Revolution. Gerhard Neuner, Sov. pedagog. 31 no. 11 94-99 N '67

37(437)—Czechoslovakia

A free socialist school of labor in Kladno. Jiri Krasa, Sov. pedagog. 31 no. 11 111-118 N '67

International ties of schools and educational science of the socialist countries. O. Mazurkevich, Rad. shk. 46 no. 11 92-99 N '67

37(471.41)—Tatar A.S.S.R.

Pedagogy of the Tatar Reformation. A. I. Khanbikov, Nov. issl. v ped. nauk. no. 9 111-114 '67

37(471.5)—Ural regions

[The cultural revolution in the Ural Mountain region]. Kul'turnaya revoliutsiya na Urals. Sverdlovsk, Sredne-Ural'skoe kn. izd., 1956 308 p.

37(477)—Ukrainian S.S.R.

Development of the theory of education in the Ukraine. V. I. Chepichev, Rad. shk. 46 no. 11 12-21 N '67.

37(478)—Moldavian S.S.R.

Tulianu, V. L. [A doina of happiness]. Doina schast'ia. [Kishinev, Karlia Moldovenaske, 1967] 110 p.

37(497.2)—Bulgaria

The Great October Revolution and the development of educational theory in Bulgaria after September 9, 1944. Khristo G. Vasiliev, Sov. pedagog. 31 no. 11 104-108 N '67

Toward the great 50th anniversary. Ganche Ganchev, Sov. pedagog. 31 no. 11 100-103 N '67

37(574)—Kazakh S.S.R.

Abai Prospekt. Oleg Matskevich, Sem. i shkola 22 no. 11 8-9 N '67

37(575.2)—Kirghiz S.S.R.

The Kirghiz S.S.R. A. Kanimov, Sred. spets. obr. 14 no. 4 4-10 Ap '67.

370.17 COMMUNIST EDUCATION

Atheistic education and the overcoming of religious family traditions in children. Report No. 2. Significance of atheistic education in overcoming religious traditions in adolescents and children. M. D. Shevchenko, Nov. issl. v ped. nauk. no. 9 65-69 '67

Children of a new world. V. Kolbanovskii, Sem. i shkola 22 no. 11 20-22 N '67.

"Consider us to be the Communists..." G. Oskil. Sem. i shkola 22 no. 11 11 N '67.

Developing a communist attitude toward work in students. I. K. Matyusha, Ukr. ist. zhur. 11 no. 12 105-108 D '67.

Development of the Marxist-Leninist theory of moral education. N. I. Boldyrev, Sov. pedagog. 31 no. 11 119-130 N '67

Dialectics of the relationship between moral and legal factors in educating builders of communism. L. Sarakhmanov, Dokl. AN Azerb. SSR 23 no. 8 92-96 '67

Educating youth through the example of V. I. Lenin's life. V. S. Gibalov, Sred. spets. obr. 14 no. 4 33-35 Ap '67.

For the future citizens. L. Rubashkina, Doshk. vosp. 40 no. 10 87-90 '67

Gave Soviet youth an ideological tempering. A. M. Aleksandrov, Rad. shk. 46 no. 11 89-91 N '67.

In their fathers' footsteps. A. Aleksandrov, Sem. i shkola 22 no. 11 12-13 N '67

Inculcating the heroic traditions of our half-century. K. F. Savchenko, P. F. Segal, L. D. Kuchchenko, Sred. spets. obr. 14 no. 7 10-11 '67.

Keep your eyes on the flag! S. Boguslavskii, Sem. i shkola 22 no. 11 36-38 N '67

The October Revolution and the formation of the new man. F. F. Korolev, Sov. pedagog. 31 no. 11 15-31 N '67

Presenting a clearer view of the vanguard role of the working classes in the building of communism. G. I. Kuchmaev, Sred. spets. obr. 14 no. 4 44-49 Ap '67.

Problems of the communist education of schoolchildren. Sov. pedagog. 31 no. 11 152-156 N '67

We can learn communist morality from V. I. Lenin. D. G. Zholudev, Vech. sred. shkola 10 no. 5 19-26 S-O '67.

We should show the students the international significance of the Great October Revolution. L. N. Bohobubov, Rad. shk. 46 no. 11 51-61 N '67.

370.17(477)—Ukrainian S.S.R.

Shlenkevych, L. P. [Abreast with workers and peasants]. Razom z robotnykamy i selianamy. Kyiv, "Molod", 1965 80 p.

371 SCHOOL ORGANIZATION. EDUCATIONAL SYSTEMS

Heart devoted to children. A. Chestnov, Sov. shakht. 16 no. 12 22-24 D '67.

371.1 MANAGEMENT. TEACHING STAFF

Answering the questions of our readers. I. A. Rakhmanin, Shkola i prosv. 10 no. 8 75 Ag '66.

A calling of duty. V. I. Trofim, Mol. shor. 50 no. 9 65-67 S '67

Can the truth be found? Yes! M. Anisimova, L. Pal'tanova, Doshk. vosp. 40 no. 5 114-117 '67.

Daughters of our country. V. Sivko, Doshk. vosp. 40 no. 10 60 '67.

The dearest on earth. L. Akulina, Doshk. vosp. 40 no. 7 91-92 '67

Did you hear? V. Stepanova, Doshk. vosp. 40 no. 7 115 '67

Diversity of experience. R. Grudzevsk, and others. Prof.-tekh. obr. 23 no. 5 10-12 My '66.

Do not bother me! T. Kovaleva, Doshk. vosp. 40 no. 7 114 '67.

Faithful to Lenin's cause. A. Pylov, Sem. i shkola 22 no. 11 44-46 N '67.

Generosity of the soul. N. V. Bogomolova, Vech. sred. shkola 10 no. 5 86-89 S-O '67.

A great life. T. A. Murav'eva, Vech. sred. shkola 10 no. 5 82-85 S-O '67

He was a teacher. P. T. Herman, Rad. shk. 46 no. 11 73-75 N '67

Her life is for her beloved work. A. Makarov, Doshk. vosp. 40 no. 5 93-94 '67.

An important link in improving the training of specialists. A. A. Vnogradova, Sred. spets. obr. 14 no. 7 1-4 Ji '67.

L. I. Chulitskaya (1870-1938). E. Grebenshchikova, Doshk. vosp. 40 no. 5 44-45 '67.

Let us educate worthy heirs to the achievements of the Great October Revolution. Doshk. vosp. 40 no. 5 3-5 '67.

Our best people. 10 no. 8 20, 35, 72, 76 Ag '66.

Our consultations. V. Rogozhin, Prof.-tekh. obr. 24 no. 11 27 N '67.

Present-day teachers. L. Shikina, Doshk. vosp. 40 no. 5 11-13 '67.

"The role of teachers in my life." Vech. sred. shkola 10 no. 5 90-92 S-O '67.

Salaries of teachers in preschool educational institutions. L. Ivanov, Doshk. vosp. 40 no. 7 72-76 '67.

A teacher is a special type of person. N. Nazarov, S. I. A. Chuprynn, Mol. shor. 50 no. 9 62-64 S '67.

Training and the raising of qualifications of teachers of the First Experimental Station. F. A. Pradkin, Nov. issl. v ped. nauk. no. 9 94-100 '67

We and the Ministry of Education. M. Titova, Doshk. vosp. 40 no. 7 115 '67.

Work of a methodological society of foreign language teachers. N. G. Zavalishina, V. F. Starikov, Sred. spets. obr. 14 no. 7 31-32 Ji '67.

371.1(477)—Ukrainian S.S.R.

Achievements of the educational personnel of Makarov district. L. Iu. Sidelnikov, F. TS. Mitseva, Kyi. Rad. shk. 46 no. 11 77-79 N '67.

Unfading glory. P. P. Petrechenko, Rad. shk. 46 no. 11 70-72 N '67

371.2 SCHOOL ORGANIZATION. ROUTINE. DUTIES

An important stage. Prof.-tekh. obr. 23 no. 5 6 12 My '63

371.3 METHODS OF INSTRUCTION

An adaptable training device. I. A. Sokolinskii, A. G. Mikhaylov, M. I. Antontuk, Vost. prirovozd. obr., no. 12 69-71 D '67.

A classified index of educational motion pictures and audio-visual aids for the celebration of the 50th anniversary of the Soviet regime. Vech. sred. shkola 10 no. 5 93-96 S-O '67

Contemporary technology and the efficiency of educational work. V. B. Smolov, K. A. Sapozhkov, Vost. vyzh. shk. 25 no. 9 43-49 S '67.

Developing cognitive activity in students through instruction and the problem of forms of mental activity. V. I. Reshetnikov, Nov. issl. v ped. nauk. no. 9 101-124 '67.

Experience in developing the active and creative attitudes of children toward their environment according to the new materials of the first-grade schools of the First Experimental Station of Public Education of the People's Commissariat of Education of the R.S.F.S.R. L. I. Stepashko, Nov. issl. v ped. nauk. no. 9 101-105 '67

An experimental check on the effectiveness of the application of programmed materials in elementary schools. A. E. Dmitriev, Nov. issl. v ped. nauk. no. 9 111-116 '67

Formation of speech habits during foreign language instruction, based on German language materials. Report No. 3. System of exercises for developing speech skills. L. G. Voronin, I. I. Bogdanova, I. A. Burilov, Nov. issl. v ped. nauk. no. 9 137-142 '67.

From the editor's mail. V. Rad'ko, N. Korotkii, I. Aronov, Tyi. i unib. Sov. Voor. Sil. 27 no. 6 91-92 Ji '67

Group instruction; its organization and practice. I. I. I. Prof.-tekh. obr. 23 no. 5 26-28 My '66.

How we plan the teaching load in the corresponding department. Iu. M. Sokolovskii, Sred. spets. obr. 14 no. 7 37 Ji '67.

"I will give to other people what you gave to me." Doshk. vosp. 40 no. 7 58-62 '67.

Improving the teaching methods in evening schools. G. K. Sukhomlinova, Sred. spets. obr. 14 no. 7 11-15 Ji '67.

Industrial training of senior students. V. I. Streptokov, Shkola i prosv. 10 no. 8 77 Ag '66.

Is this bad? Natalya Grineva, Doshk. vosp. 40 no. 5 60 '67.

Little Olga. G. Poletayeva, Doshk. vosp. 40 no. 7 117 '67.

Magnetic recording of classes in the "Metal-cutting machines" course. A. N. Litnenko, Sred. spets. obr. 14 no. 4 31 Ap '67.

Mallie, Iu. N. [Machines are checking the knowledge]. Mashiny kontroliруют znanija. [Kuibyshev] Kuibyshevskoe kn. izd., 1967 123 p.

Methods of manual training. V. I. Kachnev, Shkola i prosv. 11 no. 8 25-29 Ag '67.

More about programmed quizzes. V. G. Gushchov, Sred. spets. obr. 14 no. 4 22-24 Ap '67

New methods in the work of an economics study group. M. Trisnuchev, Sred. spets. obr. 14 no. 1 19 Ap '67.

New methods of teaching general chemistry: in lectures as well as in the exams. E. F. Mishina, T. I. Vukh, A. Z. Vleru, Vost. vyzh. shkoly 25 no. 9 57-59 S '67.

The observation method in drawing instruction. V. I. Beloseiskaya, Shkola i prosv. 10 no. 9 10 Ji Ap '66.

One of the possible ways. I. Kondrat'ev, Prof.-tekh. obr. 23 no. 5 23 My '66.

Parents are learning to teach. K. Minin, Sem. i shkola 22 no. 11 12-13 N '67

Practical classes in organization and methodology of industrial training. V. Skakun, Prof.-tekh. obr. 24 no. 11 11-12 N '67.

Practical studies and the multiple choice method. V. V. Pavlov, Vost. vyzh. shkoly 25 no. 9 67-69 S '67

Procedure in showing motion pictures in schools. M. I. Bobovnikov, Shkola i prosv. 10 no. 6 75-76 Ag '63

Programmed instruction and the curriculum. P. P. Gersht, Sred. spets. obr. 14 no. 4 24-25 Ap '67.

Proud names. Varvara Karbovskaya, Doshk. vosp. 40 no. 5 82-83 '67.

The question of authority. Katherine Read, Doshk. vosp. 40 no. 5 107-109 '67.

[Relationships between instruction, education and development in adolescence]. Vzaimosv'яз' obucheniya, vospitaniya i razvitiya iunoshekom vozrasle. [Leningrad] Izd. Leningr. un-ta, 1967 102 p.

A seminar for the teachers of technical schools. Prof.-tekh. obr. 24 no. 11 13 N '67.

Some problems of teaching in Russian progressive public and private schools at the beginning of the 20th century. M. V. Mikhailova, Nov. issl. v ped. nauk. no. 9 105-110 '67.

Standard blueprints for closed circuit television are available. A. A. Stepanov, Vost. vyzh. shkoly 25 no. 1 60-62 S '67.

Teaching a small child to play. L. Ostrovskaya, Doshk. vosp. 40 no. 5 70-72 '67.

A territorial methodological cabinet. V. Kruchinskii, Sred. spets. obr. 14 no. 4 15-16 Ap '67.

371.3 (Continued)

- This enables the child. L.I. Shestsheneva, Doshk. vosp. 40 no. 7 48-49 '67.
- There is the better way. N. Eiges, Doshk. vosp. 10 no. 7 83-84 '67.
- Those who are six years old. B. Dzhur, Doshk. vosp. 40 no. 7 45-47 '67.
- To love does not mean one has always to agree. T. Orshinnikova, Doshk. vosp. 40 no. 7 81-83 '67.
- Train them from childhood: notes of a writer. I. Davydov, Doshk. vosp. 40 no. 5 18-52 '67.
- A useful programmed device. M. G. Zagaiko, Sred. spets. obr. 14 no. 4 26 Ap '67.
- Using tape recorders. A. S. Borsuk, Vest. vosp. vosp. 40 no. 12 71-72 D '67.
- Using the elements of programmed instruction in teaching the theory of physical education. V. I. Gaiinov, Teor. i prak. fiz. kul't. 30 no. 6 61-63 O '67.
- We need experimental secondary technical schools. Z. Safulin, Sred. spets. obr. 14 no. 7 30 Ji '67.
- What does a film projector contribute to a lecture? B. N. Volgin, Vest. vosp. shkoly 25 no. 9 62-64 S '67.
- Working models are valuable visual aids. I. M. Volman-skaya, Sred. spets. obr. 14 no. 7 52-53 Ji '67.

371.3(471.314)—Vladimir Province

- Our experience in group execution of diploma projects and model designing. A. Gorbachuk, A. Kritsman, Sred. spets. obr. 14 no. 7 19-20 Ji '67.

371.3(471.54)—Sverdlovsk Province

- Lessons at an industrial plant. A. S. Rozhkov, Sred. spets. obr. 14 no. 4 56 Ap '67.

371.3(474.2)—Estonian S. S. R.

- Teachers are being assisted by training machines. V. Rehema, Prof.-tekh. obr. 24 no. 11 7-8 N '67.

371.3(498)—Romania

- Programmed instruction in Rumania. A. I. Hecos, Rad. shk. 46 no. 11 101-101 N '67.

371.3(73)—United States of America

- What the programmers in the United States are working on. Czeslaw Kupilevic, Vest. vosp. shkoly 25 no. 9 50-52 S '67.

371.5 RULES, ATTENDANCE, PRIZES, DISCIPLINE

- From the consulting room of a neuropsychologist. S. Paineig, Doshk. vosp. 40 no. 5 68-90 '67.
- Let us train our students in orderly behavior and thriftiness. S. Panin, M. Fed'kin, Prof.-tekh. obr. 21 no. 11 6-7 N '67.
- Our consultation. Prof.-tekh. obr. 21 no. 5 30 My '66.

371.6 TEACHING AND TRAINING ROOMS AND EQUIPMENT

- The bits of saw knives with welded plates. V. A. Ruzakov, Shkola i protzv. 10 no. 8 65 Ag '66.
- Catalogs of laboratory equipment are prepared. A. F. Annenkov, Vest. vosp. shkoly 25 no. 9 65-67 S '67.
- Experience in the organization of an agricultural chemistry laboratory in a secondary school. L. S. Sidel'nikova, Shkola i protzv. 10 no. 8 32-35 Ag '66.
- Interiors of educational buildings. M. I. Tosunova, Sred. spets. obr. 14 no. 4 36-11 Ap '67.
- A mechanical engineering study room. G. I. Mirskaya, Sred. spets. obr. 14 no. 1 32 Ap '67.
- Operational hookup of the "Record" television receiver. A. N. Nebolsin, Shkola i protzv. 10 no. 8 70-72 Ag '66.
- Some problems in the choice of the characteristics of a teaching machine designed for scientific research purposes, experience in the development of the F-1 teaching machine. I. U. G. Fatun, Nov. issl. v ped. nauk no. 9 7-12 '67.
- A study room for mechanical drawing and pictorial arts can be established in any school. A. F. Mukin, Shkola i protzv. 11 no. 8 8-17 Ag '67.
- Workbenches with movable seats. L. I. A. Pesin, Sred. spets. obr. 14 no. 7 55 Ji '67.

371.7 SCHOOL HYGIENE, HEALTH, PHYSICAL TRAINING, GAMES

- Active games of children and "sports" toys. E. Kossakova, Doshk. vosp. 40 no. 7 67-72 '67.
- Characteristics of developing a rational posture (starting position) during instruction of schoolchildren in speed skating. R. N. Travkina, Nov. issl. v ped. nauk no. 9 167-169 '67.
- The children's diet in summer. V. Vedrashko, Doshk. vosp. 40 no. 5 72-76 '67.
- Children's morning exercises. M. Cherevokov, Doshk. vosp. 40 no. 5 84-88 '67.
- Continuity of physical training programs in secondary schools and institutions of higher education. V. M. Shulgin, Teor. i prak. fiz. kul't. 30 no. 10 67-69 O '67.
- The development of muscle strength in physical education classes. Sh. D. Buzde, Teor. i prak. fiz. kul't. 30 no. 10 66-67 O '67.

- Dynamic indicators of the physical efficiency of students. M. I. Vilenkil, Teor. i prak. fiz. kul't. 30 no. 10 46-51 O '67.
- For mother and child. Sem'ia i shkola 22 no. 11 6-7 N '67.
- Good health for our little ones. N. Malikova, Doshk. vosp. 40 no. 5 46-18 '67.
- Games that are rich in vitamins. B. Aleksandrov, Doshk. vosp. 40 no. 5 91-92 '67.
- Industrial gymnastics. A. Shelud'kov, Prof.-tekh. obr. 21 no. 11 9-10 N '67.
- Let us care for the health of children. Doshk. vosp. 40 no. 7 3-6 '67.
- Physical education in kindergarten. N. Fil'pov, Doshk. vosp. 40 no. 5 16-19 '67.
- Puppet shows in the children's creative games. V. Sheheglova, Doshk. vosp. 40 no. 5 27-28 '67.
- Role of anticipatory reflex action in the development of gymnastic habits. L. V. Vishneva, Nov. issl. v ped. nauk no. 9 170-174 '67.
- Ventilation of preschool institutions. R. Geneskaia, Doshk. vosp. 40 no. 7 19-20 '67.
- We should improve the physical training and athletic exercises of students. A. V. Mal'nev, Teor. i prak. fiz. kul't. 30 no. 10 55-58 O '67.

371.8 SCHOOL LIFE, CUSTOMS, HONORS, UNIFORMS, ETC

- Answering the call of party conscience. A. Rad'in, Prof.-tekh. obr. 23 no. 5 18-19 My '66.
- At an exhibition of children's technical creations. A. M. Podavalov, Shkola i protzv. 11 no. 8 55-58 Ag '67.
- A lesson and excursion. I. A. G. Fink, Sred. spets. obr. 14 no. 7 30 Ji '67.
- Position of the child in the collective and his level of independence. E. G. Mikhailovskii, Nov. issl. v ped. nauk no. 9 60-64 '67.
- Summer. . . How we can better organize the students' vacations. A. Akhapiin, Prof.-tekh. obr. 23 no. 5 16-17 My '66.
- Toughening the children's organism by the use of water. D. Zabludovskaya, Doshk. vosp. 40 no. 5 21-23 '67.

371.8(438)—Poland

- Polish youth marks the anniversary. Zenon Chareznik, Sov. pedag. 31 no. 11 109-110 N '67.

371.8(471.232)—Leningrad City

- Creative work of the young technicians of Leningrad. S. N. Lipchik, Shkola i protzv. 10 no. 8 66-70 Ag '66.

371.8(471.310)—Moscow City

- Pilots of the sea of books. L. E. Gribennikova, Sred. spets. obr. 14 no. 11 47-51 N '67.
- A technical Olympiad of the Moscow schoolchildren. A. A. Mikhailov, Shkola i protzv. 11 no. 8 59-60 Ag '67.

371.8(471.54)—Sverdlovsk Province

- Student contests are being held. K. M. Mkrtchian, R. M. Syinceva, Vest. vosp. shkoly 25 no. 9 18-22 S '67.

371.8(476)—White Russian S. S. R.

- The "Gloster" Club. S. I. Rodovskii, Sred. spets. obr. 14 no. 11 44-45 N '67.

371.8(477)—Ukrainian S. S. R.

- Young technologists are striving for new achievements. A. Ivashchenko, Rad. shk. 46 no. 11 81-85 N '67.

371.8(479.22)—Georgian S. S. R.

- In the Tbilisi Pedagogical Institute. A. S. Medilishvili, Vest. vosp. shkoly 25 no. 9 22 S '67.

371.8(574)—Kazakh S. S. R.

- Our section of tourism. V. K. Nevlev, Sred. spets. obr. 14 no. 11 13 N '67.

371.9 EDUCATION OF SPECIAL CATEGORIES OF PUPILS: HANDICAPPED, BLIND, DEAF AND DUMB, ETC.

- Boarding schools are the basic link in the health and education of children with sequelae of poliomyelitis. T. A. Rovenko, V. S. Kharchenko, S. S. Podgalskaya, Ortop. i travm. i protzv. 28 no. 5 54-58 S '67.
- Characteristics of deaf students' notions of the simplest parts of an object. N. V. Diagleva, Uch. zap. Ped. inst. Gerts, 296 68-75 '66.
- Composition of problems in the senior grades of schools for mentally handicapped children. A. A. Khilko, Uch. zap. Ped. inst. Gerts, 296 90-97 '66.
- Development of independence in deaf students of the 5th-6th grades in work on exposition. L. M. Bykova, Uch. zap. Ped. inst. Gerts, 296 5-18 '66.
- From work experience with aphasic children. E. S. Shlapnikova, Uch. zap. Ped. inst. Gerts, 296 180-199 '66.
- On the typology of stammering and differentiated method for its elimination. V. A. Kovshikov, Uch. zap. Ped. inst. Gerts, 296 150-158 '66.

- Out-of-class reading for the first grades in schools for the blind. E. B. Ostrovskaya, Uch. zap. Ped. inst. Gerts, 296 98-108 '66.

- The problem of image in the psychology of blind. A. G. Litvak, Uch. zap. Ped. inst. Gerts, 296 135-139 '66.

- Problems of the aesthetic education of children with defective hearing while working on the development of their speech. M. I. Lobanova, Uch. zap. Ped. inst. Gerts, 296 39-68 '66.

- Socially useful activities of Pioneer groups as a means for the development of the personality of children with vision deficiencies. I. M. Sternina, Uch. zap. Ped. inst. Gerts, 296 104-134 '66.

- Specific characteristics in the reading of stammers. V. A. Kovshikov, Uch. zap. Ped. inst. Gerts, 296 159-187 '66.

- A system for the study of fractions in schools for the deaf. N. V. Diagleva, Uch. zap. Ped. inst. Gerts, 296 76-83 '66.

- Use of games and riddles as a means for the development of speech and thinking in first-grade schoolchildren in schools for mentally handicapped children. G. I. Danilina, Uch. zap. Ped. inst. Gerts, 296 81-89 '66.

372 PRESCHOOL AND ELEMENTARY OR PRIMARY EDUCATION

- Active games of children and "sports" toys. E. Kossakova, Doshk. vosp. 40 no. 7 67-72 '67.
- After an all-Union review. Doshk. vosp. 10 no. 5 6-10 '67.
- Analysis of the range of young schoolchildren's familiarity with electric household appliances. I. U. A. Kustov, Nov. issl. v ped. nauk no. 9 37-42 '67.
- A. M. I. eushina. E. Gribenshchikova, N. Medilidze, O. Solov'eva, Doshk. vosp. 10 no. 10 29-32 '67.
- Animate the whole world for them. A. Vinogradova, Doshk. vosp. 40 no. 5 13-16 '67.
- A. P. Usova, T. Markova, Doshk. vosp. 40 no. 7 41 '67.
- Born of the October Revolution. K. Aion, Doshk. vosp. 40 no. 10 61-71 '67.
- Can the truth be found? Yes! M. Anisimova, L. Pal'manova, Doshk. vosp. 40 no. 5 114-117 '67.
- Children's drawings. L. Katlurgina, P. Khilnevskaia, N. Khlebnikova, Doshk. vosp. 40 no. 7 10-13 '67.
- A chronicle of documents on public preschool education in the R. S. F. S. R. O. Frolova, Doshk. vosp. 40 no. 10 11-17 '67.
- Comprehension of series relationships by preschool children. Report No. 1. Spontaneously formed levels of comprehension of series relationships. L. V. Proskina, Nov. issl. v ped. nauk no. 9 115-118 '67.
- Continuing the discussion about summer. A. Vinogradova, Doshk. vosp. 40 no. 7 17-18 '67.
- The dearest on earth. L. Akulina, Doshk. vosp. 40 no. 7 91-92 '67.
- Developing children's work habits. M. Sivikova, Doshk. vosp. 40 no. 5 21-23 '67.
- Development of the concept of "speed" in young schoolchildren. V. V. Novakovich, Nov. issl. v ped. nauk no. 9 10-25 '67.
- Development of the science of preschool education. A. Zapolozhets, Doshk. vosp. 40 no. 10 18-25 '67.
- Do not bother me! T. Kovaleva, Doshk. vosp. 40 no. 7 114 '67.
- Did you hear? V. Stepanova, Doshk. vosp. 10 no. 7 115-117 '67.
- Domestic animals are our friends. E. Kuz'mina, Doshk. vosp. 40 no. 7 84-85 '67.
- Drawing from nature in a preparatory group. R. Kazakova, Doshk. vosp. 40 no. 7 23-30 '67.
- Drawing in the first grade. A. Khushin, Doshk. vosp. 40 no. 7 13-17 '67.
- I. A. Flerina, M. Konina, Doshk. vosp. 40 no. 10 26-28 '67.
- Educating by means of pictorial art activities. N. Sakulina, Doshk. vosp. 40 no. 5 29-35 '67.
- An experimental check on the effectiveness of the application of programmed materials in elementary schools. A. E. Dmitriev, Nov. issl. v ped. nauk no. 9 13-18 '67.
- Facts and figures of our actual conditions. A. Ryzhov, Doshk. vosp. 40 no. 10 33-35 '67.
- The first shows which were performed for children. Nataliya Sat, Doshk. vosp. 40 no. 10 97-99 '67.
- For the future citizens. L. Rubashkina, Doshk. vosp. 40 no. 10 87-90 '67.
- From memories. Doshk. vosp. 40 no. 5 98-106 '67.
- A human being is growing. K. Chubarov, Doshk. vosp. 40 no. 7 49-50 '67.
- Impudent boy. K. Popova, Doshk. vosp. 40 no. 7 114 '67.
- In the fraternal republics: facts and figures. I. U. Kragmanov, Doshk. vosp. 40 no. 10 36-39 '67.
- In the kindergartens of the collectives and state farms. Doshk. vosp. 40 no. 5 95-98 '67.
- Initial information on physics in elementary schools. Report No. 1. Contents of an experimental program, teaching methodology, and an evaluation of knowledge and results of experimental instruction. A. V. Usova, E. N. Chistova, Nov. issl. v ped. nauk no. 9 30-36 '67.
- The kindergarten is a progeny of the October Revolution. R. Nadezhina, Doshk. vosp. 40 no. 10 49-52 '67.
- Kindergartens, the oldest and best. Doshk. vosp. 40 no. 10 53-59 '67.
- Let us care for the health of children. Doshk. vosp. 40 no. 7 3-6 '67.

- Development of the student's innovating abilities. E. D. Nozdrilov. Shkola i proizv. 10 no. 8-30 Ag '66.
- Improvements in manual training. V. I. Tarasov. Shkola i proizv. 10 no. 8-40 Ag '66.
- Information. Shkola i proizv. 10 no. 8-73-74 Ag '66.
- Instruction in manual training. Report No. 4: Combination of written and oral instruction. B. A. Sokolov, S. A. Shapovalov. Nov. issl. v ped. nauk no. 9-89-93 '67.
- Instruction methods in filing. L. M. Basilev. Shkola i proizv. 11 no. 8-33-36 Ag '67.
- Methods of manual training. V. I. Kachnev. Shkola i proizv. 11 no. 8-35-29 Ag '67.
- Orlocks. V. F. Chirkov. Shkola i proizv. 11 no. 8-51-52 Ag '67.
- Optional practical work. Shkola i proizv. 11 no. 8-66 Ag '67.
- Organization of manual training classes and curricula in the 5th-10th (11th) grades of secondary schools. Shkola i proizv. 11 no. 8-3-5 Ag '67.
- Requirements for the choice of articles made by students. I. I. Ivanov. Shkola i proizv. 11 no. 8-49-51 Ag '67.
- Training in welding in manual training classes. V. F. Evgrafov. Shkola i proizv. 11 no. 8-36-39 Ag '67.
- Training of senior students in metalworking trades. P. N. Andrianov, B. A. Sokolov. Shkola i proizv. 10 no. 8-23-26 Ag '66.
- 372.364(471.56)—Orenburg Province**
Manual training is a basis for moral education. A. S. Golubnichii. Shkola i proizv. 11 no. 8-6-7 Ag '67.
- 372.364(478)—Moldavian S. S. R.**
Contests for the best manual training class. G. T. Galik. Shkola i proizv. 10 no. 8-41 Ag '66.
- 373 SECONDARY EDUCATION**
Composition of geometry skills of schoolchildren. Report No. 3: Characteristics of the mastering of mathematics in similar situations. A. K. Artimov. Nov. issl. v ped. nauk no. 9-43-47 '67.
- Development of estimation-by-sight in secondary schools. Report No. 3: Results of training in estimation-by-sight. E. V. Zelenev. Nov. issl. v ped. nauk no. 9-51-59 '67.
- Let's prepare for a well-organized admittance of new students. A. A. Bogdanov. Sred. spets. obr. 14 no. 1-1-3 Ap '67.
- Practical course in metal working in secondary schools. B. A. Sokolov. Shkola i proizv. 11 no. 8-40-43 Ag '67.
- Scientific organization of work in the schools of secondary specialized education. L. V. Brilaeva. Sred. spets. obr. 14 no. 7-17-18 Ji '67.
- 373.6 TECHNICAL AND VOCATIONAL INSTITUTES, POLYTECHNICAL INSTITUTES**
Anniversary plenum of the Scientific Council. Prof.-tekh. obr. 24 no. 11-2 N '67.
- Compilation of programmed textbooks. L. Moroz. Prof.-tekh. obr. 24 no. 11-13-15 N '67.
- Construction is our most important task. V. Korot'kov. Prof.-tekh. obr. 23 no. 5-5-6 My '66.
- The decisions of the 23d Congress of the CPSU are the program for our work. A. Bulgakov. Prof.-tekh. obr. 23 no. 5-1-3 My '66.
- Diversity of experience. R. Gidzoldse and others. Prof.-tekh. obr. 23 no. 5-10-12 My '66.
- The five-day work week and technical education. A. Zvonov. Prof.-tekh. obr. 24 no. 11-28 N '67.
- Foreign language study tied in with the students' specialties. I. L. Karlov. Sred. spets. obr. 14 no. 7-22-23 Ji '67.
- Group instruction; its organization and practice. L. Birg. Prof.-tekh. obr. 23 no. 5-26-28 My '66.
- An important link in improving the training of specialists. A. A. Vinogradova. Sred. spets. obr. 14 no. 7-1-4 Ji '67.
- An important stage. Prof.-tekh. obr. 23 no. 5-6 My '66.
- In honor of the glorious university. Prof.-tekh. obr. 24 no. 11-3 N '67.
- In the State Committee for Vocational Education attached to the Council of Ministers of the U.S.S.R. Prof.-tekh. obr. 23 no. 5-5 My '66.
- In the State Committee for Vocational Education attached to the Council of Ministers of the U.S.S.R. Prof.-tekh. obr. 24 no. 11-21 N '67.
- Industrial training of senior students. V. P. Strezikozin. Shkola i proizv. 10 no. 8-3-7 Ag '66.
- Let us train our students in orderly behavior and thriftiness. S. Panin, M. Fed'kin. Prof.-tekh. obr. 24 no. 11-6-7 N '67.
- Let's prepare for examinations in good time. V. I. Ankovskii. Prof.-tekh. obr. 23 no. 5-8-9 My '66.
- Memorial banners for the best among the best. Prof.-tekh. obr. 24 no. 11-1 N '67.
- The need for specialists as the basis for planning. A. P. Ivanov. Vest. vys. shkoly 25 no. 3-23-28 S '67.
- On time and people. Prof.-tekh. obr. 24 no. 11-27 N '67.
- One of the possible ways. I. Kondrat'ev. Prof.-tekh. obr. 23 no. 5-23 My '66.
- Only a few months remain. N. Bogdenko. Prof.-tekh. obr. 23 no. 5-26 My '66.
- On consultation. Prof.-tekh. obr. 23 no. 5-30 My '66.
- The paths of fruitful quests. Prof.-tekh. obr. 23 no. 10-11 My '66.
- Practical classes in organization and methodology of industrial training. V. Skakov. Prof.-tekh. obr. 24 no. 11-12 N '67.
- Reclamation of land and the work of rural students. D. D. Dvornov. Shkola i proizv. 11 no. 8-16-18 Ag '66.
- Reinforcement of the working cadres of heavy industry. L. Podvolskii, V. Sergeev. Prof.-tekh. obr. 24 no. 11-1 N '67.
- The Rostov Agricultural School in Industrial Practice. V. A. Prizhvalov. Sred. spets. obr. 14 no. 11-23 N '67.
- Schools for the study of scientific organization of labor. N. Zaimskikh. Prof.-tekh. obr. 24 no. 11-30-31 N '67.
- Scientific organization of work in the schools of secondary specialized education. L. V. Bolshakova. Sred. spets. obr. 14 no. 7-17-18 Ji '67.
- Study of the theory of mechanisms and mechanisms. I. Korzhinskiy, V. V. Lyudskimov. Shkola i proizv. 11 no. 8-61-65 Ag '67.
- They are the pride of their country. V. A. Kuznetsov. Sred. spets. obr. 14 no. 11-37-41 N '67.
- To the Central Committee of the Communist Party of the Soviet Union, the Presidium of the Supreme Soviet of the U.S.S.R., and the Council of Ministers of the U.S.S.R. Prof.-tekh. obr. 24 no. 11-2 N '67.
- Topical exhibitions are disseminators of progressive pedagogical experience. B. I. Yevmenov. Prof.-tekh. obr. 24 no. 11-8 N '67.
- The training of cadres for the timber and wood processing industry. Prof.-tekh. obr. 24 no. 11-5 N '67.
- Training of senior students for work in the field of electrical engineering. V. A. Pollakov. Shkola i proizv. 10 no. 8-11-17 Ag '66.
- Training of senior students for work in the field of electronics. N. V. Kuzhatov, A. I. Shumakov. Shkola i proizv. 10 no. 8-10-29 Ag '66.
- Training the specialists worthy of our great epoch. I. Eliutin. Sred. spets. obr. 14 no. 11-15 N '67.
- Vocational training should ensure the worker a better future. Giuseppe Boglietti. Vest. vys. shkoly 25 no. 3-30-34 D '67.
- 373.6(431)—German Democratic Republic**
Essential points in the training of the labor force. M. Wilke. Vest. prof. dysh. no. 8-34-38 D '66.
- Let us spare no effort raising the quality of post-secondary education. Hana Kainer. Shkola i proizv. 11 no. 8-70-71 Ag '67.
- 373.6(471.232)—Leningrad City**
Incubating the heroic traditions of our half century. K. E. Savchenko, P. K. Segal, I. D. Kichchenko. Sred. spets. obr. 14 no. 7-10-11 '67.
- 373.6(471.310)—Moscow City**
They create a cheerful atmosphere. B. Alimov. Sred. spets. obr. 14 no. 11-52-55 N '67.
- A Moscow polytechnical school has its 75th anniversary. B. S. Zotov. Sred. spets. obr. 14 no. 7-55-56 Ji '67.
- 373.6(471.311)—Moscow Province**
Answering the call of party conscience. A. Ilyudin. Prof.-tekh. obr. 23 no. 5-18-19 My '66.
- Let us open the road to vocational schools for the graduates of secondary schools. P. Kuz'michev. Prof.-tekh. obr. 23 no. 5-7-8 My '66.
- 373.6(471.318)—Yaroslavl Province**
According to a well thought-out plan. A. Matynov. Prof.-tekh. obr. 23 no. 5-9 My '66.
- Party organs should show concern for vocational and technical schools. L. Zudin. Prof.-tekh. obr. 24 no. 11-22 N '67.
- The Rostov Agricultural School in Yaroslavl Province. V. A. Prizhvalov, G. M. Smirnov. Sred. spets. obr. 14 no. 11-20-23 N '67.
- 373.6(471.341)—Gorkiy Province**
A territorial methodological cabinet. V. Kuz'michev. Sred. spets. obr. 14 no. 4-15-16 Ap '67.
- 373.6(471.342)—Khov Province**
Vyatka pictures. B. Atzen. Prof.-tekh. obr. 24 no. 5-18-19 My '66.
- 373.6(471.5)—Ural regions**
Pages out of the revolutionary past. D. Brul'kovskiy. Sred. spets. obr. 14 no. 11-8-15 N '67.
- 373.6(471.54)—Sverdlovsk Province**
A practical training ground in a construction school. G. Solomein, E. Matveev. Prof.-tekh. obr. 24 no. 5-22 My '66.
- 373.6(471.62)—Krasnodar Territory**
Mastering the skills of agriculture. G. Kikula. Prof.-tekh. obr. 23 no. 5-12-13 My '66.
- 373.6(474.2)—Estonian S. S. R.**
Teachers are being assisted by training machines. V. Rehema, Prof.-tekh. obr. 24 no. 11-7-6 N '67.
- 372 (Continued)
The paths of fruitful quests. Prof.-tekh. obr. 23 no. 10-11 My '66.
Practical classes in organization and methodology of industrial training. V. Skakov. Prof.-tekh. obr. 24 no. 11-12 N '67.
Reclamation of land and the work of rural students. D. D. Dvornov. Shkola i proizv. 11 no. 8-16-18 Ag '66.
Reinforcement of the working cadres of heavy industry. L. Podvolskii, V. Sergeev. Prof.-tekh. obr. 24 no. 11-1 N '67.
The Rostov Agricultural School in Industrial Practice. V. A. Prizhvalov. Sred. spets. obr. 14 no. 11-23 N '67.
Schools for the study of scientific organization of labor. N. Zaimskikh. Prof.-tekh. obr. 24 no. 11-30-31 N '67.
Scientific organization of work in the schools of secondary specialized education. L. V. Bolshakova. Sred. spets. obr. 14 no. 7-17-18 Ji '67.
Study of the theory of mechanisms and mechanisms. I. Korzhinskiy, V. V. Lyudskimov. Shkola i proizv. 11 no. 8-61-65 Ag '67.
They are the pride of their country. V. A. Kuznetsov. Sred. spets. obr. 14 no. 11-37-41 N '67.
To the Central Committee of the Communist Party of the Soviet Union, the Presidium of the Supreme Soviet of the U.S.S.R., and the Council of Ministers of the U.S.S.R. Prof.-tekh. obr. 24 no. 11-2 N '67.
Topical exhibitions are disseminators of progressive pedagogical experience. B. I. Yevmenov. Prof.-tekh. obr. 24 no. 11-8 N '67.
The training of cadres for the timber and wood processing industry. Prof.-tekh. obr. 24 no. 11-5 N '67.
Training of senior students for work in the field of electrical engineering. V. A. Pollakov. Shkola i proizv. 10 no. 8-11-17 Ag '66.
Training of senior students for work in the field of electronics. N. V. Kuzhatov, A. I. Shumakov. Shkola i proizv. 10 no. 8-10-29 Ag '66.
Training the specialists worthy of our great epoch. I. Eliutin. Sred. spets. obr. 14 no. 11-15 N '67.
Vocational training should ensure the worker a better future. Giuseppe Boglietti. Vest. vys. shkoly 25 no. 3-30-34 D '67.
- 372(438)—Poland
"Wieloletnie w przedszkolu" in 1966. G. Sukhanov. Doshk. vosp. 40 no. 7-107-108 '67.
- 372(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)
In the autonomous republics of the Russian Federation. A. I. Iano. Doshk. vosp. 40 no. 10-40-46 '67.
- 372(471.54)—Sverdlovsk Province
Kindergartens of the Ural City Buildings Plant (to be concluded). I. Davydov. Doshk. vosp. 40 no. 7-91-100 '67.
- 372(476)—White Russian S. S. R.
A city of childhood. M. Shum. Doshk. vosp. 40 no. 10-93-94 '67.
- 372(477)—Ukrainian S. S. R.
This is how we started. N. Bolarskaya. Doshk. vosp. 40 no. 10-61-67 '67.
- 372(571.51)—Krasnoyarsk Territory
In the off-prints (from unpublished letters to the editor). A. Volodina. Doshk. vosp. 40 no. 7-101-104 '67.
- 372(571.651)—Chukchi National District
Kindergartens of the Far North. N. Egorov. Doshk. vosp. 40 no. 10-47-48 '67.
- 372(571.661)—Koryak National District
Kindergartens of the Far North. N. Egorov. Doshk. vosp. 40 no. 10-47-48 '67.
- 372(721.1)—Cuba
Children's literature. E. Almendros. Doshk. vosp. 40 no. 7-108-109 '67.
- 372.364 MANUAL TRAINING IN SCHOOLS
Acquainting school girls with the sewing machine. Shkola i proizv. 11 no. 8-30-33 Ag '67.
- Analysis of the range of young schoolchildren's familiarity with electric household appliances. I. A. Kustov. Nov. issl. v ped. nauk no. 9-37-42 '67.
- Developing children's work habits. M. Sivikova. Doshk. vosp. 40 no. 5-21-23 '67.
- Developing polytechnical knowledge in the process of teaching. P. R. Aitov. Nov. issl. v ped. nauk no. 9-82-88 '67.

373.6(474.3)—Latvian S.S.R.
Training in courage and steadfastness. F. Bavykin. Prof.-tekhn. obr. 23 no. 5:20-21 My '66

373.6(474.5)—Lithuanian S.S.R.
Cooperation and help. A. A. A. A. A. Prof.-tekhn. obr. 24 no. 11:29-31 N '67

373.6(476)—White Russian S.S.R.
Planning the laboratory and practical work. M. P. P. P. Prof.-tekhn. obr. 24 no. 11:16-17 N '67

373.6(477)—Ukrainian S.S.R.
Puzanov, M. F. [Developing ways and methods for the training of workers] Razvitiye form i metodov podgotovki rabochikh. Moskva, "Vyssh. shkola," 1967.
A school of workers and heroes of labor. A. Bor. Prof.-tekhn. obr. 24 no. 11:25-26 N '67.
A teachers' conference in Zaporozhye. Prof.-tekhn. obr. 24 no. 11:5 N '67.
The Ukrainian S.S.R. I. N. Dadenkov. Sred. spets. obr. 14 no. 7:5-9 JI '67.
We are proud of the names of our students. P. P. Baranenko, L. A. Veksel. Sred. spets. obr. 14 no. 7:11-16 JI '67

373.6(497.1)—Yugoslavia
Schools of economics in Yugoslavia. O. Shimachek. Sred. spets. obr. 14 no. 7:46-48 JI '67

373.6(571.14)—Novosibirsk Province
Topic knowledge check. A. I. Lykhin. Sred. spets. obr. 14 no. 7:21-22 JI '67

373.6(571.17)—Kemerovo Province
We need experimental secondary technical schools. Z. Safulin. Sred. spets. obr. 11 no. 7:30 JI '67

373.6(571.64)—Sakhalin Province
Together with the parents. S. Chernoshvets. Prof.-tekhn. obr. 24 no. 11:23 N '67

373.6(574)—Kazakh S.S.R.
In defense of the method of an individual approach. P. Frolov, A. Rogova. Prof.-tekhn. obr. 23 no. 5:28 M '66

373.68 AGRICULTURAL TRAINING
Composition of liquid plant food for the growing of vegetables without soil. A. A. Dorokhov. Shkola i proizv. 11 no. 8:67-69 Ag '67.
Experience in the organization of an agricultural chemistry laboratory in a secondary school. L. S. Sidel'nikova. Shkola i proizv. 10 no. 8:32-35 Ag '66.
Experimental work according to the directions of scientists. B. M. Kukchi. Shkola i proizv. 11 no. 8:44-46 Ag '67.
Information. Shkola i proizv. 10 no. 8:73-74 Ag '66.
Practical work of students. R. V. Golubkov. Shkola i proizv. 11 no. 8:43-44 Ag '67.
Training of students for agricultural work. K. A. Ivanovich, L. N. Drozdov. Shkola i proizv. 10 no. 8:27-30 Ag '66.
Young agricultural workers' contribution to the anniversary year. B. Usponskii. Prof.-tekhn. obr. 24 no. 11:18-19 N '67.

373.68(474.2)—Estonian S.S.R.
[The Estonian Agricultural Academy] Eesti Põllumajanduse Akadeemia. Tartu, 1966. 111 p. [In Estonian]

373.68(497.2)—Bulgaria
Training agricultural workers in Bulgaria. A. Osipov. Prof.-tekhn. obr. 23 no. 5:31 My '66

374 FURTHER EDUCATION. PRIVATE STUDY. ADULT EDUCATION
Coal miner at the school desk. B. Emel'yanov. Sov. shakht. 10 no. 5:24 My '67.
In defense of the method of an individual approach. P. Frolov, A. Rogova. Prof.-tekhn. obr. 23 no. 5:28 My '66.
Development of an educational collective in corrective labor colonies. Report No. 2 Conditions and consistencies in the formation of a prisoner collective by stages. V. F. Klukin. Nov. issl. v ped. nauk no. 9:75-81 '67.
A differentiated approach to the organization of out-of-class educational work for students of evening (shift) schools. Report No. 1 Group differentiation in a student collective. V. S. Gribov. Nov. issl. v ped. nauk no. 9:70-74 '67.
A discussion with the teachers of schools for adults. M. K. Krupskaya. Vech. sred. shkola 10 no. 5:6-9 S-O '67.
Education and the labor of workers. V. A. Poliakov. Vech. sred. shkola 10 no. 5:77-81 S-O '67.
Evening schools during the 1920's. S. I. Breev. Vech. sred. shkola 10 no. 5:58-63 S-O '67.

From liquidation of illiteracy to full literacy. I. T. Dronov. Vech. sred. shkola 10 no. 5:50-57 S-O '67
How we plan the teaching load in the correspondence department. I. U. M. Sokolovskii. Sred. spets. obr. 14 no. 7:37 JI '67.
Improving the teaching methods in evening schools. G. K. Sukhomlinova. Sred. spets. obr. 14 no. 7:33-35 JI '67.
N. K. Krupskaya on adult education. A. K. Bushlia. Vech. sred. shkola 10 no. 5:9-12 S-O '67.
New curricula for evening and correspondence schools. I. I. Lebedev. Vest. vys. shkoly 25 no. 9:29-36 S '67.
A new decision on improving the qualifications of specialists. Vest. vys. shkoly 25 no. 9:77 S '67.
The October revolution in documents. O. E. Lebedev. Vech. sred. shkola 10 no. 5:68-72 S-O '67.
Parents are learning to teach. K. Minin. Sem'la i shkola 22 no. 11:42-43 N '67.
Part of the material is studied by the students independently. V. M. Zaitsev. Vest. vys. shkoly 25 no. 9:85 S '67.
The paths of fruitful quests. Prof.-tekhn. obr. 23 no. 5:10-11 My '66.
Practical work in mechanical drawing. S. S. Kuzin. Sred. spets. obr. 14 no. 7:35-36 JI '67.
"The role of teachers in my life." Vech. sred. shkola 10 no. 5:90-92 S-O '67.
Schools of adult education during the past 50 years. N. N. Balov. Vech. sred. shkola 10 no. 5:33-41 S-O '67.
A seminar for the teachers of technical schools. Prof.-tekhn. obr. 24 no. 11:13 N '67.
Stimulating thoughts on self-education. R. A. Kon'kov. Vech. sred. shkola 10 no. 5:16-18 S-O '67.
The study guides and methodological literature for correspondence students should be of high quality. A. K. Brezgunov. Sred. spets. obr. 14 no. 1:27-30 Ap '67.
Years that became a legend. Vech. sred. shkola 10 no. 5:12-49 S-O '67.

374(477.8)—Western Ukraine
Cultural and educational work in Bukovina in 1914-1958. V. M. Khlovelchuk. Ukr. ist. zhur. 11 no. 9:108-112 S '67

378 HIGHER EDUCATION. UNIVERSITIES, COLLEGES, ACADEMIES
Committee of new medical technology. F. I. Manevich. Med. tekhn. 1 no. 2:60 Mr.-Ap '67.
Fifty years at the forefront of world progress. Sov. pedagog. 31 no. 11:1-14 N '67.
Higher pedagogical education. N. V. Aleksandrov. Sov. pedagog. 31 no. 11:61-70 N '67.
[Leningrad State University named after A. A. Zhdanov during the Soviet regime; a short bibliographical index] Leningradskii ordena Lenina gosudarstvennyi universitet imeni A. A. Zhdanova za gody Sovetskoi vlasti; kratkii bibliograficheskii ukazatel' [Leningrad] Izd. Leningr. un.-ta, 1967. 61 p.
Medical technology as a subject of teaching. N. P. Vol'berg. Med. tekhn. 1 no. 2:61 Mr.-Ap '67.
A new decision on improving the qualifications of specialists. Vest. vys. shkoly 25 no. 9:77 S '67.
The new school year. Vest. vys. shkoly 25 no. 9:3-8 S '67.
The October Revolution school for Music Teachers. A. N. Lashinov. Sred. spets. obr. 14 no. 11:24-27 N '67.
One hundred and eighty thousand engineers are graduates of Institutes of higher education in railroad transportation. M. D. Gritsevskii. Zhel. dor. transp. 49 no. 13:18 Ag '67.
Part of the material is studied by the students independently. V. M. Zaitsev. Vest. vys. shkoly 25 no. 9:85 S '67.
Results of a student contest devoted to the great anniversary. V. I. Krutov and others. Vest. vys. shkoly 25 no. 9:68-71 S '67.
Training of specialists and organization of scientific research. N. M. Zharikov. Zhur. nevr. i psikh. 67 no. 11:1685-1689 '67.

378(471.232)—Leningrad City
Physical education of students attending special schools in accounting and credit. G. Shuraev. Den. ikred. 25 no. 12:65-68 D '67.

378(477)—Ukrainian S.S.R.
A city council on scientific and methodological work. L. P. Makarenko, V. A. Parail. Vest. vys. shkoly 25 no. 9:50-52 S '67.
Higher pedagogical education in the Ukraine during the seven-year plan. V. O. Branyts'kyl. Ukr. ist. zhur. 11 no. 9:38-46 S '67.
In the Kiev Teachers College. I. O. Holubenko. Rad. shk. 46 no. 11:86-88 N '67.
Increased creative activity. I. T. Shvets. Vest. vys. shkoly 25 no. 9:17-18 S '67.

378(478.22)—Georgian S.S.R.
Georgian institutions of higher education on the threshold of the glorious anniversary. G. N. Dzhibladze. Vest. vys. shkoly 25 no. 9:7-12 S '67.

378(479.25)—Armenian S.S.R.
Production and institutions of higher education. A. Aslanian, V. Gabuchian. Prom. Arm. 9 no. 9:11-12 '66.

378(571.12)—Tyumen' Province
Educational television. A. N. Kosukhin, O. M. Forshtadt. Izv. vys. ucheb. zav., nef't i gaz 10 no. 6:52, 60 '67.

378(571.17)—Kemerovo Province
Organization of the teaching process in the Department of Obstetrics and Gynecology of the Novokuznetsk State Institute of Advanced Training of Physicians. I. V. Golubeva. Trudy Novokuz. GIDUVA no. 33:399-401 '66.
Scientific work of the Obstetrical Department of Novokuznetsk State Institute of Advanced Training of Physicians during 1966-1965. R. I. Movshovich, K. G. Nifitina. Trudy Novokuz. GIDUVA no. 34:394-398 '66

378(574)—Kazakh S.S.R.
All reports were delivered in foreign languages. A. G. Reshetov, G. A. Ushanenko. Vest. vys. shkoly 25 no. 9:76-77 S '67

378(575.1)—Uzbek S.S.R.
Achievements of higher education in Soviet Uzbekistan. T. A. Saizymakhov. Vest. vys. shkoly 25 no. 9:12-16 S '67.

379 RELATION BETWEEN SCHOOL AND SOCIETY

379(571.64)—Sakhalin Province
Together with the parents. S. Chernoshvets. Prof.-tekhn. obr. 24 no. 11:23 N '67.

380 GENERALITIES ON TRADE
Trade by means of production. A. Birman. Mat.-tekhn. snabzh. 2 no. 11:21-30 N '67.

380.11 SUPPLY AND DEMAND
Supply and demand under socialism. I. F. Borisov. Sred. spets. obr. 14 no. 7:38-41 JI '67.

380.8 TOURIST TRADE OR INDUSTRY
New type of service for automobile tourists. A. Smetanin. Avt. dor. 29 no. 10:12 O '66.

381 INLAND TRADE
Cooperation procurement in the Russian Federation. A. Lydokimov. Zakup. sel'khoz. prod. no. 10:10-13 O '67.
Discussions on V. I. Ivanitskii's report. Shoi. nauch. inform. Nauch. sov. po off. onn. fond. kup. vložh. I nov. tekhn. AN SSSR no. 11:97-105 '67.
Efficiency of capital investments and capital assets in trade and methods of determining it. V. I. Ivanitskii. Shoi. nauch. inform. Nauch. sov. po off. onn. fond. kup. vložh. I nov. tekhn. AN SSSR no. 11:97-107 '67.
50 years of grain production. Muk-olev prom. 33 no. 11:1-2 N '67.
The forward contractual agreement of 1968. Zakup. sel'khoz. prod. no. 10:2-3 O '67.
Happy changes. S. Barabash. Zakup. sel'khoz. prod. no. 10:18-19 O '67.
In the Lenin way... N. Barabash. Zakup. sel'khoz. prod. no. 10:4-8 O '67.
The jubilee year, 1967. Zakup. sel'khoz. prod. no. 1:1-3 Ja '67.
New inventions. Khel. tekhn. 14 no. 11:53-61 N '67.
Procurement news. Zakup. sel'khoz. prod. no. 1:54-55 Ja '67.
Representative figures. V. Elin. Zakup. sel'khoz. prod. no. 10:31-35 O '67.
State procurement of the grain and foodstuffs of wheat in 1966. P. Sud. 16-20 Ja '67.
There is a need for a Zakup. sel'khoz. prod. '67.
There is a need for sel'khoz. prod. '67.
They are award no. 10:16-17 O '67.
Winners in the sel'khoz.

In a regio

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Stavropol chenko.

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The deve during Prasku 73-83

Producti Zakup. i

Ukrainian S. S. R.

Contribution of the agricultural workers of the Ukraine
P. Rabin /Zakup sel'khoz, prod no 10 20- O '67
Improve the state procurement work of cooperative
societies to correspond to economic demand,
I. Kolesnik /Zakup sel'khoz, prod no 11 14-17 Ja '67,
The past, the present, and the future, V. Mal'chenko,
A. Nikitchenko /Zakup sel'khoz, prod no 10 38-41 O
'67

381.4 WAREHOUSES DEPOTS

Designs of the new type of multipurpose depots, G. Buk-
shin and others, Mat., tekhn. snabzh, 2 no. 12, 53-59
D '67,
How to determine the capacity of mineral fertilizer
storehouses A. Dudin /Sel', stroy 18 no 2 5-6
F '64

382 FOREIGN TRADE

Far from Paris V. Borakhtovostov, Sov. shakht 16
no 7 32-33 Ji '67
A friendly visit, D. Dziuba, Sov. shakht 16 no. 7-37
Ji '67
The future of economic coexistence, A. Rolshtein,
Vest Mosk., un. Ser. 7 Ekono 22 no 6 72-78 N-D '67

382(177)—Undeveloped and underdeveloped areas

Ominskii, E. E. [Trade policy of the developing coun-
tries] Torgovaya politika razvivaiushchikh stran
Moskva, "Mezhdunar. otnosheniia," 1967. 215 p

382(44)—France

Far from Paris V. Borakhtovostov, Sov. shakht 16
no 7 32-33 Ji '67

382(62)—Northeast Africa, Egypt and Sudan

Hand of a friend, Nov. vsem 25 no 5 8 F '68

382(64)—Morocco and Northwest African Territories

A friendly visit, D. Dziuba, Sov. shakht, 16 no. 7-37
Ji '67

382.16 BALANCE OF TRADE

382.16(474.5)—Lithuanian S. S. R.

Import and export balance of the Union republic, M. Delov,
Plan. khoz. 44 no. 1 29-38 Ja '68

385 RAILWAYS

Our national holiday, Fenner, Avtom., totem. i svintz
11 no. 11:14 N '67,

388 CANALS AND INLAND WATERWAYS

Analysis of certain recommendations on using the theory
of mass servicing in operational calculations of the
merchant marine, A. Sukolenov, Rech. transp 28
no 11 20-22 '67

Business accounting on transportation vessels and
material incentives V. Levitin Rech. transp. 28
no 11 11-12 '67

388(571.12)—Tyumen' Province

Immediate problems of inland water transportation in the
extreme north of Tyumen Province, V. Dorodnikov,
V. Burenok, Rech. transp. 28 no 11 10-11 '67,

389 METROLOGY, WEIGHTS AND MEASURES, STANDARDIZATION

Development of state metrological services in the
U. S. S. R. during the years of Soviet Power, I. I.
Novikov, Izv. tekhn. no. 11:3-14 N '67,
E. T. Chernyshev; obituary, Izv. tekhn. no. 8-96 Ag '67,

Establishment of metrological fundamentals for gas
analysis, D. K. Kollerov, B. Ia. Gornstol, L. I. Gria-
zina, Izv. tekhn. no. 11 121-125 N '67,
Measurement of the chemical composition of substances
and materials, A. B. Shaevich, A. V. Sifin, A. I. Simin,
Izv. tekhn. no. 11 117-120 N '67,

National Soviet and international committees for the col-
lection and evaluation of numerical data in the field of
science and technology have been organized, A. A. D'm,
Izv. tekhn. no. 8:83-84 Ag '67,

State standard on time and frequency, V. I. Ermakov,
S. B. Pushkin, V. I. Sachkov, Izv. tekhn. no. 11 42-51
N '67,

389(477)—Ukrainian S. S. R.

Training of specialists at the Odessa Technicum, I. P.
Metelkin, Stand. i kach, 31 no. 9:75-77 S '67,

389(478)—Moldavian S. S. R.

A continuous seminar, G. Neudim, Stand. i kach, 31
no. 9:78 S '67,

389.6 STANDARDIZATION

Basic trends in improving standards for tolerances of
gears, B. A. Taitis, Stand. i kach, 31 no. 9:12-14 S
'67,

Calculation of economic efficiency of the standard
"Tolerances and fits of plastic parts" V. A. Braginskii,
V. V. Vasilev, Stand. i kach 31 no 9 53-54 S '67

Demusiak, A. G. [International organization on standard-
ization] Mezhdunarodnaia organizatsiia po standartizatsii
Pod red G. A. Potemkina Moskva, Izd. Standar-
lov, 1967 234 p

Draft of a standard for units of measurement, L. P.
Stetskii, Stand. i kach, 31 no 9 15-18 S '67
For the first time in the country, A. Bondarev, Stand. i
kach 31 no 9 80-81 S '67

How a standard is being established, I. I. Novikov
Prom. Arm. 9 no 9 73 '66
In the Committee of Standards, Measures, and Measuring
Instruments at the Council of Ministers of the U. S. S. R.,
Stand. i kach 31 no 9 71 S '67

International Organization for Standardization,
V. Ivanov, Mek. chel. prom. 33 no 10 25-27
O '67

Mobile electric power plants with power take-off, I. Ia,
Zvezdun, Stand. i kach 31 no 9:70 S '67

Necessity of changing State Standards 5263 - 58; 5264 -
58 and 2713 - 38 E. N. Kukolev, Svi. proizv. no 1
16-47 Ja '68

On standards for crude grape alcohol, A. N. Mitrofanov,
Stand. i kach 31 no 9:20 S '67

Organization of economic work in State Control Labora-
tories, M. L. Ratner, Stand. i kach 31 no 9:59-61
S '67,

Overall standardization in furniture manufacture, I. V.
Gushenko, Stand. i kach, 31 no. 9:19 S '67,

Overall standardization of high-speed antifriction bearings,
I. A. Panfilov, L. B. Tolmorova, Stand. i kach 31
no 9:8-12 S '67,

Parameters of tight threaded joints, A. F. Christofian,
Stand. i kach 31 no. 9 28-29 S '67

Powdery gypsum for agriculture, I. A. Bindler, Stand. i
kach, 31 no. 9:21-22 S '67

Regularizing the system of units, I. P. Stetskii, Sred.
spets. obr. 14 no. 1:10-15 Ap '67

Soviet standardizers and metrologists in France, Izv.
tekhn. no. 8:82-83 Ag '67,

Standard for a high-purity iron is needed, Stand. i kach,
31 no 9:68-69 S '67

Standardization in a plant and the new system of planning,
I. A. Shenafanskaiia, Stand. i kach, 31 no 9:55-56 S
'67

Standardization information system, M. P. Golant, K. A.
Smirnov, Stand. i kach, 31 no 9:23-25 S '67,

Standardization of color measurements, E. N. Iustova,
Izv. tekhn. no. 11:125-128 N '67,

State of standardization of measurement units of physical
values in member countries of the Mutual Economic
Assistance Council, E. I. Volodin, Stand. i kach 31
no 9:83-86 S '67,

388, 6(471.310)—Moscow City

New system of planning and the quality of production,
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56-57 S '67,

388, 6(471.341)—Gorkiy Province

Standardization at the Gorkiy Milling Machine Plant,
P. F. Dontsov, Stand. i kach, 31 no. 9:29-30 S '67,

388, 6(471.5)—Ural regions

Specialization on the basis of standardization, I. I.
Daniliko, Stand. i kach 31 no. 9:31 S '67

388, 6(478)—Moldavian S. S. R.

Measuring instruments in the service of national economy,
L. M. Magid, Izv. tekhn. no. 8:79-81 Ag '67,

39 ETHNOGRAPHY, CUSTOM AND TRADITION. FOLKLORE, SOCIAL ANTHROPOLOGY

Culture of old Russia, Z. Karchevskaiia, V mire knig
7 no. 12:31 '67,

50 years of Soviet psychology of teaching, N. A.
Menchinskaiia, Vop. psikh. 13 no 5:71-88 S-O '67,

Reports on Oriental studies at the conference on the
problems of the ethnic history and national develop-
ment of the peoples of the world, N. L. Zhukovskaiia
Nar. Az. i Afr. no. 6 174-175 '67,

39(571)—Asiatic R. S. S. R.

Saburova, L. M. [Culture and way of life of the Russian
population in the Angara Valley. The late 19th and the
20th centuries] Kul'tura i byt russkogo naseleniia P
Priangara. Knets XIX-XX v. Leningrad, "Nauka,"
1967. 280 p.

39(61)—Malay Archipelago, East Indies

A bloody wedding, L. Demin, Az. i Afr. seg. 11 no. 12:
40-41 D '67,

392 PRIVATE AND FAMILY LIFE

"Give me the right to be a mother and the mistress of
my household, N. Gorodinskaiia, Doshk. vosp. 40
no. 7:52-55 '67,

A guiding light, T. Malysheva, Doshk. vosp. 40 no. 5:
61-63 '67,

I wish you happiness my little daughter! Z. Vladimira
Doshk. vosp. 40 no 5 81 '67

Letters on various themes, Sem'ia i shkola 22 no. 11
47-49 N '67,

Makarova, N. F. [Under the same roof] Pod odnoi
kryshoi. Moskva, Politizdat, 1967 141 p (Biblioteka
semeinogo chleniia).

A mother of a workers' family, L. Brodskaiia, Sem'ia
i shkola 22 no 11 23-25 N '67

Proud names, Vaivara Kairbovskaiia, Doshk. vosp. 40
no. 5 82-83 '67,

A quarrel, The first trip, M. Volodaciia, Doshk. vosp.
40 no 7 55-57 '67,

They simply forgot about the child, L. Rubashkina,
Doshk. vosp. 40 no. 5 58-60 '67

Two diaries, R. Tinkelshtein, Doshk. vosp. 40 no 5 51-
58 '67

392(66)—West and North Central Africa

Some theoretical problems of marriage and its regula-
tion according to the "Code of laws on marriage and
guardianship of the Republic of Mali" L. S. Kopyeva
Vest Mosk. un. Ser. 12 Pravo 22 no 6 50 60 N-D
'67

396 WOMEN AND SOCIETY, FEMINISM

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no 10 58 '67,

A life devoted to other people, P. Shiriak, Sots. razv.
no 11 83-81 N '67,

One of the first, Sov. iust. no 21-24-26 N '67,

396(571.64)—Sakhalin Province

Generation of the October Revolution, V. Chikil,
A. Mislisko, V. Davydov, Sots. zakon no. 11 53 57
N '67

396(575.2)—Kirghiz S. S. R.

Tatybekova, Zh. S. [Women of Soviet Kirghizistan in
struggle for socialism and communism. Historical
experience in the emancipation of Oriental women
during the building of socialism and communism]
Zhenshchiny Sovetskogo Kirgizstana v bor'be za
sotsializm i kommunizm. Istoriicheski opyt raskre-
poshcheniia zhenshehin Vostoka v proiesse stroi-
tel'stva sotsializma i kommunizma Frunze, "Ilim,"
1967 256 p

396(597)—Vietnam

Levchenko, Irina. [Daughters of Vietnam] Dochert
Vietnama [Moskva, 1967] 48 p. (B-chka zhura. "Sov.
voin." No. 21(568)).

398 FOLKLORE

Defense of dissertations by foreign scholars, F. Sklyar-
ov, E. Zaonegin, Vest. Mosk. un. ser. 10: Filol. 22 no. 6
109-110 N-D '67,

History of the development of the plot of the tale of the
priest in a goatskin, M. A. Vavilova, Uch. zap. VGU
no 31 182-205 '67

The language of Slavic folk songs and its relation to
dialect speech P. G. Bogatyrev, Vop. iaz. 11 no. 3
75-88 My-Je '62,

The logical-semantic aspect of sayings and proverbs
G. Permiakov, Nar. Az. i Afr. no. 6 52-68 '67

Proverbs in battles, P. Lebedev, V mire knig 7 no. 12:
28-27 '67,

Relationship between the language of folk songs and
colloquial speech R. Jakobson, Vop. iaz. 11 no 3:
87-90 My-Je '62,

Songs of the Razin cycle and songs about Yermak, L. S.
Sheptnev, Uch. zap. Ped. inst. Gzits. 309:3-24 '66,

398(478)—White Russian S. S. R.

"The lay of Igor's host" and the White Russian epic
forms of oral poetry, V. F. Mochul'skii, Vest. Mosk. un.
ser. 10: Filol. 22 no. 6:67-78 N-D '67,

White Russian folklore after the October Revolution, H. A.
Baitashevich, Vestsi AN BSSR, Ser. hram. nav. no. 5:
122-131 '67,

398(477)—Ukrainian S. S. R.

Workers' and collective farm peasants' contribution to the
spiritual culture of Soviet society, V. S. Petenko, L. A.
Shevchenko, Ukr. ist. zhur. 11 no. 9 12-21 S '67,

4. PHILOLOGY, LINGUISTICS, LANGUAGES

41 PHILOLOGY

Books, periodicals, and booklets received by the editor
Vop. iaz. 10 no. 4:152 Ji-Ag '61,

Books, periodicals and booklets received by the editor
Vop. iaz. 10 no. 5:159-160 S-O '61,

Brief news, Vop. iaz. no. 4:126-142 Ji-Ag '67,

Brief news, Vop. iaz. no. 5:140-169 S-O '67,

Brief news, Vop. iaz. no. 6:144-155 N-D '67,

- 41 (Continued)
- The depth and length of words in natural languages. V. A. Moskvich Vop. iaz. no. 6:17-33 N-D '67.
- Development of linguistics in the Soviet Union during the last 50 years. Vop. iaz. no. 3:1-21 S-O '67.
- 55 years of Soviet linguistics. F. P. Filin. Izv. AN SSSR Ser. III, iaz. 26 no. 5:115-156 S-O '67.
- Brief news. Vop. iaz. 10 no. 1:143-149 N-Ag '61.
- Brief news. Vop. iaz. 10 no. 5:144-158 S-O '61.
- Brief news. Vop. iaz. 11 no. 2:124-143 M-Ap '62.
- Brief news. Vop. iaz. 11 no. 3:153-156 My-Je '62.
- Brief news. Vop. iaz. 11 no. 6:142-148 N-D '62.
- Fixed phrases with grammatical direction. O. I. Moskal'skaia. Vop. iaz. 10 no. 5:87-93 S-O '61.
- The formation of the grammatical category of number. K. M. Buzlov. Uch. zap. III AL Dag. fil. AN SSSR II 101-105 '62.
- From the field of theoretical toponymics. V. N. Toporov. Vop. iaz. 11 no. 6:1-12 N-D '62.
- Grammatical polysemy. E. I. Shendel's. Vop. iaz. 11 no. 3:47-55 My-Je '62.
- Foundations of Courtenay and the St. Petersburg school of Russian linguistics. A. A. Leonov. Vop. iaz. 10 no. 1:117-124 N-Ag '61.
- Linguistics and Soviet society. Vop. iaz. 10 no. 5:4-9 S-O '61.
- My second letter to the editor. R. F. Milus. Vop. iaz. 11 no. 2:117-120 M-Ap '62.
- Nominal character of the technical style; based on the materials of American technical literature. S. I. Kaufman. Vop. iaz. 10 no. 5:103-108 S-O '61.
- Problems of onomastics as a science. V. D. Bilen'skaya. V. V. Superanskaya. Vop. iaz. no. 1:122-125 N-Ag '67.
- Problem of isomorphism. I. A. Makaev. Vop. iaz. 10 no. 5:59-56 S-O '61.
- Problem of morphological categories. M. Dokulil. Vop. iaz. no. 6:3-16 N-D '67.
- Problem of the basic conceptions of the metalanguage of linguistics. O. S. Afanasova. Vop. iaz. 10 no. 5:115-121 S-O '61.
- Problems of individual phonation. A. K. Solov'eva. Vop. iaz. 11 no. 3:93-105 My-Je '62.
- Professor K. Horalek's lecture. P. Nekipelov. Vest. Mosk. un. ser. 10: Filol. 22 no. 6:111-115 N-D '67.
- Quantitative characteristics of the distribution of symbols in texts. I. U. Levin. Vop. iaz. no. 6:112-121 N-D '67.
- Remarks on grammatical meanings. B. N. Golovina. Vop. iaz. 11 no. 2:20-37 M-Ap '62.
- Remarks on the use of onomatopoeia. A. Rosetti. Vop. iaz. 11 no. 3:91-92 My-Je '62.
- Results of the year's work, on the work of the Philology Department of Moscow State University. K. V. Gorskova. Vest. Mosk. un. Ser. 10: Filol. 22 no. 4:75-76 N-Ag '67.
- The role of antiformants in the development of the speech spectrum. V. I. Grigor'ev. Vop. iaz. 11 no. 6:95-107 N-D '62.
- "Secrets" of names. M. Altman. V mire knig 7 no. 12:35-37 '67.
- What the linguists are working on. Vop. iaz. 10 no. 4:150-151 N-Ag '61.

41(436)—Austria

- A congress of Austrian Slavists. N. S. Chemedanov. Vest. Mosk. un. Ser. 10: Filol. 22 no. 1:71-72 N-Ag '67.

41(471, 310)—Moscow City

- Russian language studies in Moscow University, 1917-1967. S. V. Koperski. Vest. Mosk. un. ser. 10: Filol. 22 no. 5:3-17 N-D '67.

41(471, 52)—Bashkir A. S. S. R.

- Linguistics in Bashkiria. N. Kh. Maksutova. Vop. iaz. no. 5:141-142 S-O '67.

41(474, 2)—Estonian S. S. R.

- Linguistics in Estonia during the last years. E. Nurme, A. Univer, A. Laanest. Vop. iaz. no. 5:143-148 S-O '67.

41(477)—Ukrainian S. S. R.

- New publications. N. I. Galatol. Vop. iaz. no. 4:121 N-Ag '67.

41(479, 24)—Azerbaijan S. S. R.

- Linguistics in Soviet Azerbaijan in the past 40 years. A. M. Demircizade, A. K. Tagizade. Vop. iaz. 10 no. 1:141-144 S-O '61.

41(480)—Finland

- Russian language studies in Finland. V. N. Takmanov. Vest. Mosk. un. ser. 10: Filol. 22 no. 6:100-103 N-D '67.

41(489)—Denmark

- Linguistic activities in Copenhagen. B. A. Uspenskii. Vop. iaz. 11 no. 3:116-150 My-Je '62.

41(492)—Netherlands

- Visiting the Slavists of Holland. P. A. Nikolaev. Vest. Mosk. un. Ser. 10: Filol. 22 no. 4:72-74 N-Ag '67.

41(56)—Near East

- [The Hellenistic Near East, the Byzantine Empire, and Iran. History and philology. A collection of articles dedicated to the 70th birthday of N. V. Pigulevskaya, a corresponding member of the Academy of Sciences of the U. S. S. R.] Ellinisticheski Blizhni Vostok, Vizantiia i Iran. Istoriia i filologiya Sbornik v chest' semidesiatiletia chl.-kor. AN SSSR N. V. Pigulevskoi Moskva, "Nauka," 1967. 214 p.

41(560)—Turkey

- Turcological work in Turkey. I. V. Sorokan. Vop. iaz. no. 4:41-101 N-Ag '67.

41(574)—Kazakh S. S. R.

- Linguistic studies in Kazakhstan. Kh. M. Esenov. Vop. iaz. 11 no. 2:122-123 M-Ap '62.

41(575, 3)—Tajik S. S. R.

- Linguistic studies in Tajikistan. A. Khalilov, I. L. Nikolaev. Vop. iaz. 11 no. 2:121 M-Ap '62.

41(6)—Africa

- Otkryshchikov, Yu. V. [Carian inscriptions of Africa; preliminary results of decipherment] Kartiskie nadpisi Afriki, predvaritel'nye rezultaty deshifirovki [Leningrad] Izd. Leningr. un.-ta, 1966. 33 p.

41(64)—Australia (Commonwealth)

- A trip to Australia. V. I. Koleshov. Vest. Mosk. un. Ser. 10: Filol. 22 no. 4:60-70 N-Ag '67.

420 INDO-EUROPEAN LANGUAGES IN GENERAL

- Reconstruction of the Indo-European etymon. I. A. Makucy. Vop. iaz. no. 4:26-33 N-Ag '67.

43 GERMANIC LANGUAGES

- All reports were delivered in foreign languages. A. G. Reshetov, G. A. M'lanenko. Vest. vys. shkoly 25 no. 6:76-77 S '67.
- Fixed phrases with grammatical direction. O. I. Moskal'skaia. Vop. iaz. 10 no. 5:87-93 S-O '61.
- The foreign language Olympics. M. A. Vasil'eva, R. A. Busno, N. V. Nevskaya. Sred. spets. obr. 14 no. 4:43 Ap '67.
- Foreign language study tied in with the students' specialties. I. L. Karfilov. Sred. spets. obr. 11 no. 7:22-23 N '67.
- Formation of speech habits during foreign language instruction, based on German language materials. Report No. 1. System of exercises for developing speech skills. L. G. Voronin, I. I. Bogdanova, I. U. A. Butakov. Nov. issl. v ped. nauk. no. 9:137-142 '67.
- Interaction between German personal and impersonal verbal forms. G. S. Schur. Vest. Mosk. un. Ser. 10: Filol. 22 no. 4:49-56 N-Ag '67.
- Origin and establishment of the phonetic /w/ in the German language in the light of diachronic phonology. M. V. Ruvskii. Vop. iaz. 11 no. 2:72-77 M-Ap '62.
- Problem of words and phrases. M. G. Kravchenko, T. V. Stroeva. Vop. iaz. 11 no. 2:38-45 M-Ap '62.
- Work of a methodological society of foreign language teachers. N. G. Zavalishina, V. F. Stasikov. Sred. spets. obr. 11 no. 7:31-32 N '67.

43.1 ENGLISH

- "Epenthetic" word formation. I. A. Podol'skaya. Vop. iaz. 10 no. 4:140-142 N-Ag '61.
- History of the Old English vowel system. I. A. B. Krupatkin. Vop. iaz. 11 no. 8:54-60 N-D '62.
- Principles of English punctuation in connection with the problem of compound sentences. L. I. Ioffe. Vop. iaz. 10 no. 4:99-104 N-Ag '61.
- Problem of the "geography of words" in Old English dialects. M. M. Malakovskii. Vop. iaz. 11 no. 2:63-71 M-Ap '62.
- Use of structural methods for differentiating the meaning of polysynthetic verbs. V. I. Perebelskii. Vop. iaz. 11 no. 3:55-61 My-Je '62.

44 ROMANCE LANGUAGES

- Digging equipment and other related objects in the Moldavian dialects. V. S. Sorbate. Uch. zap. Kish. un. 81:115-128 '67.
- Expression of the verbal compliment by paratactic constructions with the conjunction "de" in Moldavian and Wallachian literary monuments of the 16th-17th centuries. T. N. Shchepkova. Uch. zap. Kish. un. 81:94-101 '67.
- Golosov, A. V., N. I. Gorodkova, and I. I. Sokolov. [The Latin language] Latinskii iazyk. Pod obshch. red. M. I. A. Sumarokov. Izd. 3-e, dop. Moskva, "Meditsina," 1967. 247 p.
- Holtenberg, F. E., M. L. Kael'son, and M. P. Losova. [Textbook of the French language; for higher military schools for officers] Uchebnik frantsuzskogo iazyka; dlya vysshikh komandnykh voenno-uchebnykh zavedenii. Izd. 2-e. Moskva, Voenizdat, 1968. 471 p.

- The semantic structure of some words of common origin in French and Russian. Z. N. Kozlova. Vest. Mosk. un. ser. 10: Filol. 22 no. 6:87-92 N-D '67.

- Slavic Alphabet in Moldavia. A. T. Borshch. Uch. zap. Kish. un. 81:3-13 '67.

- Slavic semantic loans in Moldavian. S. V. Semchinskii. Uch. zap. Kish. un. 81:102-114 '67.

48 SLAVIC AND BALTIC LANGUAGES

- An all-Slavic linguistic atlas. Vop. iaz. 10 no. 1:86-92 N-Ag '61.
- An all-Slavic linguistic atlas. Vop. iaz. 10 no. 1:63-70 S-O '61.
- An all-Slavic linguistic atlas. Vop. iaz. 11 no. 2:24-28 M-Ap '62.
- An all-Slavic linguistic atlas. Vop. iaz. 11 no. 6:70-79 N-D '62.
- An archaic system of Old Church Slavonic pronunciation: liturgical pronunciation of the Priesthood. Old Believer, B. A. Uspenskii. Vop. iaz. no. 6:62-79 N-D '67.
- A congress of Austrian Slavists. N. S. Chemedanov. Vest. Mosk. un. Ser. 10: Filol. 22 no. 1:71-72 N-Ag '67.
- Development of the relative subordinate clauses in the Slavic languages. T. Bauer. Vop. iaz. no. 5:47-59 S-O '67.
- The development of vowel harmony clusters in the Proto-Slavic language. V. K. Zhuravlev. Vop. iaz. 10 no. 4:33-45 N-Ag '61.
- Early period of the morphological development of the Slavic declension. V. F. Mares. Vop. iaz. 11 no. 6:13-21 N-D '62.
- The 50th anniversary of Soviet studies in Slavic philology. S. B. Bernshteyn. Sov. slav. no. 5:77-93 '67.
- Formation of the literary languages of east Slavic nationalities. Vop. iaz. 10 no. 5:57-62 S-O '61.
- From the unpublished works of A. A. Shakhmatov. Vop. iaz. 11 no. 6:100 N-D '62.
- The language of Slavic folk songs and its relation to dialect speech. P. G. Bogatyrev. Vop. iaz. 11 no. 3:75-86 '62.
- The nature of sentence types in the Slavic languages. M. Giepl. Vop. iaz. no. 5:60-68 S-O '67.
- "Proto-Slavic grammar," by G. A. Minskii. A. A. Shakhmatov. Vop. iaz. 11 no. 6:108-114 N-D '62.
- A source of the initial "kh-" in Proto-Slavic, a correction of "Siebs' law." V. M. Illich-Svitych. Vop. iaz. 10 no. 4:63-68 N-Ag '67.
- A trip to Australia. V. I. Koleshov. Vest. Mosk. un. Ser. 10: Filol. 22 no. 4:60-70 N-Ag '67.
- V. Jagl's unrealized dictionary project. G. P. Blok, T. I. Lyssenko. Vop. iaz. 11 no. 3:119-125 My-Je '62.
- Visiting the Slavists of Holland. P. A. Nikolaev. Vest. Mosk. un. Ser. 10: Filol. 22 no. 4:72-74 N-Ag '67.
- Word formation structure of etymological clusters. Zh. Zh. Varbat. Vop. iaz. no. 4:67-71 N-Ag '67.
- Work on an etymological dictionary of the Slavic languages. O. N. Trubachev. Vop. iaz. no. 4:34-43 N-Ag '67.

492 RUSSIAN

- Basic processes of the formation of adjectives in literary Russian in the 19th century. E. A. Zemskaya. Vop. iaz. 11 no. 2:46-55 M-Ap '62.
- Borisov, V. M. [Russian-Arabic dictionary. 42,000 words] Russko-arabskii slovar'. 42,000 slov. Pod red. V. M. Belkina. Moskva, "Sov. entsiklopediya," 1967. 1120 p.
- Compilation of regional dictionaries; some problems of Russian dialect lexicography. I. A. Ossosvetnik. Vop. iaz. 10 no. 4:71-85 N-Ag '67.
- Composition in Russian language and literature classes. D. I. Gurvich. Sred. spets. obr. 14 no. 7:24-27 N '67.
- Defense of a doctoral dissertation. N. Arapova. Vest. Mosk. un. ser. 10: Filol. 22 no. 6:111-112 N-D '67.
- Description of Russian syntagmas; in connection with the algorithm of machine translation. E. V. Paducheva, A. L. Shumilina. Vop. iaz. 10 no. 1:105-115 N-Ag '61.
- Development of independence in deaf students of the 5th-6th grades in work on exposition. L. M. Rykova. Uch. zap. Ped. inst. Gerts. 206:5-38 '66.
- Development of the Russian language in Soviet society. M. V. Panov. Vop. iaz. 11 no. 3:3-16 My-Je '62.
- The development of types of stress in the system of the Russian nominal declension. T. G. Khazarov. Vest. Mosk. un. Ser. 10: Filol. 22 no. 4:57-60 N-Ag '67.
- Entropy of the Russian language. A. A. Plotovskaya, R. G. Plotovskii, K. A. Razzhivyn. Vop. iaz. 11 no. 6:115-130 N-D '62.
- Experience in the psychometric evaluation of sense distance between transformations. I. U. M. Orlov, A. P. Zhuravlev. Vop. iaz. no. 5:94-103 S-O '67.
- From the linguistic heritage of L. V. Shcherba. Vop. iaz. 11 no. 2:98-101 M-Ap '62.
- History of reflexive verbs with the pleonastic particle "sta". I. A. Marfina. Vest. Mosk. un. ser. 10: Filol. 22 no. 6:58-68 N-D '67.
- The interdependence of word compounds and affixations. V. P. Grigor'ev. Vop. iaz. 10 no. 5:71-77 S-O '61.
- The length of sentences in Russian scientific and literary prose in the 1660's. G. A. Lenskii. Vop. iaz. 11 no. 2:8-9 M-Ap '62.
- M. V. Lomonosov, as a compiler, editor, and reviewer of lexicographic works. V. N. Makaev. Vop. iaz. 10 no. 5:108-114 S-O '61.

- The normative and stylistic dictionary of modern Russian. IU, S. Sorokin. Vop. iaz., no. 5, 22-31 S-O '67.
- North Russian toponyms of the 15th-18th centuries. M. V. Vitrov. Vop. iaz., no. 4, 75-90 JI-Ag '67.
- Origin of the neocute intonation. V. A. Red'kin. Vop. iaz., no. 2, 56-62 Mr-Apr '62.
- Pay attention to words. G. Dylovskaya. Dosl. vosp., 40 no. 5, 77-80 '67.
- Personal names in present-day Russia. V. A. Nikonov. Vop. iaz., no. 6, 102-111 N-D '67.
- Problem of the internal structure of syntactic units. N. I. Serkov. Vest. Mosk. un. Ser. 19 Filol., 22 no. 4, 29-35 JI-Ag '67.
- Relationship between the language of folk songs and colloquial speech. R. Jakobson. Vop. iaz., no. 3, 87-90 My-Je '62.
- Results of the year's work; on the work of the Philology Department of Moscow State University. K. V. Gorshkova. Vest. Mosk. un. Ser. 19 Filol., 22 no. 4, 75-76 JI-Ag '67.
- Russian language studies in Finland. V. N. Fakmanov. Vest. Mosk. un. Ser. 10: Filol., 22 no. 6, 100-103 N-D '67.
- Russian language studies in Moscow University, 1917-1967. S. A. Kopylov. Vest. Mosk. un. Ser. 10: Filol., 22 no. 5, 1-17 N-D '67.
- Russian spoken language, its study and problems of speech cultivation. V. V. Vinogradov. Vop. iaz., no. 4, 3-19 JI-Ag '61.
- The semantic structure of some words of common origin in French and Russian. Z. N. Kozlova. Vest. Mosk. un. Ser. 10: Filol., 22 no. 6, 87-92 N-D '67.
- Smirnova, Z. V., and N. N. Recklistova. [Collection of exercises on various types of verbs (formation). Sbornik uprazhnenii po vidam glagola (obrazovanie). Moskva, 1966. 73 p.
- Some analogies in the relation of semantic and phonetic units. T. V. Dulygina. Vop. iaz., no. 5, 76-86 S-O '67.
- Some problems in the study of the categories of time in modern Russian. E. Krzhizhskova. Vop. iaz., no. 3, 17-26 My-Je '62.
- Structural lexicology. IU, D. Apiesian. Vop. iaz., no. 3, 38-46 My-Je '62.
- Structure of the simple sentence in Russian. G. A. Zolotova. Vop. iaz., no. 6, 90-101 N-D '67.
- The study of Russian phraseology in the Soviet linguistic research of the last years. V. P. Zhukov. Vop. iaz., no. 5, 104-113 S-O '67.
- System of verbal tenses in modern Russian. A. V. Bondarko. Vop. iaz., no. 3, 27-37 My-Je '62.
- Teaching the last graders to read and write. V. Goritskii. Dosl. vosp., 40 no. 5, 23-26 '67.
- The two-stage theory of phonemes. T. P. Lomtev. Vop. iaz., no. 6, 61-69 N-D '62.
- Use of games and riddles as a means for the development of speech and thinking in first-grade schoolchildren in schools for mentally handicapped children. G. I. Danilina. Uch. zap. Ped. inst. Gerts., 296 81-89 '66.
- 482.6 WHITE RUSSIAN**
- Development of the White Russian literary language during the Soviet period. M. N. Bulskii, M. V. Birylo. Vestsi AN BSSR, Ser. hram. nav., no. 4, 103-111 '67.
- 484 OTHER SLAVIC LANGUAGES**
- From work experience on an etymological dictionary of the Polish language [Translated from the Polish]. F. Slawski. Vop. iaz., no. 4, 55-59 JI-Ag '67.
- The Old Wendic language area in the light of toponyms. E. Eichler. Vop. iaz., no. 6, 80-91 N-D '62.
- Problem of the typological characteristics of Bulgarian dialects. T. V. Popova. Vop. iaz., no. 5, 78-86 S-O '61.
- [Serbo-Croatian-Russian polytechnical dictionary. Approximately 37,000 words.] Serbskokhorvatsko-russkii politehnicheskii slovar'. Okolo 37 000 slovoznov. Moskva, Sovetskii "Entsiklopedii", Belgrad, "Rad" 1967. 574 p.
- Structure of the subject and predicate in the Polish simple sentence. Z. Klemensiewicz. Vop. iaz., no. 5, 87-91 S-O '67.
- Work experience on a Slovenian etymological dictionary. Fr. Bezinj. Vop. iaz., no. 4, 46-54 JI-Ag '67.
- 488 BALTIC LANGUAGES**
- Ozols, Arturs. [Articles on linguistics] Raksti valodnieciba. Riga, "Zinatne", 1967. 830 p. [In Latvian]
- Problem of East Baltic diphthongs "ai, ei." Z. Kurlovich. Vop. iaz., no. 5, 61-61 N-D '67.
- Remaining traces of the third person form of the aorist and the imperfect in the Baltic languages. I. Kazlauskas. Vop. iaz., no. 6, 92-98 N-D '62.
- 492 SEMITIC LANGUAGES**
- Borisov, V. M. [Russian-Arabic dictionary. 42,000 words.] Russko-arabskii slovar'. 42 000 slov. Pod red. V. M. Belkina. Moskva, "Sov. ensiklopedii", 1967. 1120 p.
- 491 OTHER INDO-EUROPEAN LANGUAGES**
- Armenian reflection of Indo-European explosives. V. Pisani. Vop. iaz., no. 4, 46-55 JI-Ag '61.
- The Armenian system of explosives and its relationship to the Proto-Indo-European system. W. H. Lehmann. Vop. iaz., no. 4, 56-59 JI-Ag '61.
- Distinctive features of consonant phonemes in Hindi. T. LA. Elizarenkova. Vop. iaz., no. 5, 22-33 S-O '61.
- Notes on Armenian consonantism. F. Feydit. Vop. iaz., no. 5, 46-49 S-O '61.
- Once more on Armenian consonantism. A. S. Garibian. Vop. iaz., no. 2, 18-23 Mr-Apr '62.
- Remarks on the development of Armenian consonantism. L. Zablocki. Vop. iaz., no. 5, 34-45 S-O '61.
- A special impersonal form of the Albanian verb. M. A. Gabinski. Vop. iaz., no. 3, 115-116 My-Je '62.
- Study of Indic languages in the Soviet Union. V. M. Beskrovnyi. Izv. AN SSSR Ser. lit. i iaz., 26 no. 5, 462-467 S-O '67.
- 494.1 URAL-ALTAIC LANGUAGES**
- A connection between accent and the length of vowels in the Kazakh language. M. Raimbekova. Vest. AN Kazakh, SSR, 23 no. 6, 66-70 Ag '67.
- A formal description of vowel harmony in the Turkic languages. M. A. Cherkasskii. Vop. iaz., no. 5, 94-102 S-O '61.
- Origin of the primary long vowels in the Turkic languages. A. M. Shcherbak. Vop. iaz., no. 6, 31-47 N-D '67.
- The present state and future development of alphabets for the Turkic languages of the U.S.S.R. N. A. Baskakov. Vop. iaz., no. 5, 33-46 S-O '67.
- Problem of the classification of Turkic languages. B. A. Seichenikov. Vop. iaz., no. 4, 60-73 JI-Ag '61.
- Several means of description and analysis of the vowel harmony in the modern Turkic languages. G. P. Melnikov. Vop. iaz., no. 6, 31-53 N-D '62.
- Sorochina, V. A., M. A. Sakharova and E. S. Gultayev. [The Upper Vychegda dialect of the Komi language.] Verkhnevychevodskii dialekt komi iazyka Syktyvkar, Komi knizhnoe izd-vo, 1966. 252 p. (Istoriko-filologicheskii sbornik, no. 10)
- The study of ancient monuments of Turkic writings, 11th-18th centuries. A. Zayatskova. Vop. iaz., no. 6, 80-89 N-D '67.
- Study of the Turkic languages in the U.S.S.R. A. K. Boikov. Vop. iaz., no. 5, 10-21 S-O '61.
- Archaeological work in Turkey. E. V. Severtian. Vop. iaz., no. 1, 91-101 JI-Ag '67.
- 494.6 CAUCASIAN LANGUAGES**
- Experience in preparing a comparative and historical dictionary of the Kartvelian languages. G. A. Klimov. Vop. iaz., no. 3, 151-152 My-Je '62.
- Historical data on the people of Kubachi and their language. A. Magometov. Uch. zap. III AL Dag fil. AN SSSR, II 87-100 '62.
- Idioms of the Aeshikuli dialect of the Lak language. G. B. Murvelinskii. Uch. zap. III AL Dag fil. AN SSSR, II 5-47 '62.
- One characteristics of word formation in the Lak language. I. Abdullayev. Uch. zap. III AL Dag fil. AN SSSR, II 113-150 '62.
- Problem of the origin of the affixes of numbers in the Dargwa language. S. Gasanova. Uch. zap. III AL Dag fil. AN SSSR, II 135-142 '62.
- The pronoun in the Andi language. IA. Suleimanov. Uch. zap. III AL Dag fil. AN SSSR, II 61-66 '62.
- Several phonetical processes in the Lezghian language. B. Talibov. Uch. zap. III AL Dag fil. AN SSSR, II 116-134 '62.
- The sound construction of syllables and the available structure of words in dialects of the Andi language. IA. Suleimanov. Uch. zap. III AL Dag fil. AN SSSR, II 151-158 '62.
- Fixed consonants in the Dargwa language. Z. Abdullayev. Uch. zap. III AL Dag fil. AN SSSR, II 48-60 '62.
- 495 SINO-TIBETAN LANGUAGES**
- Ancient Chinese dialects and the problem of dating texts. M. V. Krikorov. Na. Az. i Afr., no. 6, 60-82 '67.
- Problem of agglutination in modern Chinese. N. V. Solntseva. V. M. Solntsev. Vop. iaz., no. 6, 22-30 N-D '62.
- Study of Asiatic languages in the Soviet epoch. IU, A. Rubinchik. Izv. AN SSSR Ser. lit. i iaz., 26 no. 5, 467-461 S-O '67.
- 496 AFRICAN LANGUAGES**
- Present-day conditions and problems in the study of African languages. D. A. Ojedaogbo. Vop. iaz., no. 4, 20-32 JI-Ag '61.
- Vocabulary and word formation in the Ibo language. V. Kh. Kuleshova. Vest. Mosk. un. Ser. 10: Filol., 22 no. 6, 13-57 N-D '67.
- 497 NORTH AND SOUTH AMERICAN INDIAN LANGUAGES**
- A letter to the editor. S. L. Sobolev. Vop. iaz., no. 3, 147 My-Je '62.
- 499 MALAY AND POLYNESIAN LANGUAGES**
- The study of the Philippine language in the U.S.S.R. before and after the October Revolution. V. A. Markarenko. Na. Az. i Afr., no. 6, 100-107 '67.
- 499.1 OTHER MINOR LANGUAGES**
- Language of the Sirenik Eskimos. G. A. Menovshchikova. Vop. iaz., no. 3, 107-114 My-Je '62.
- 5. MATHEMATICS AND NATURAL SCIENCES**
- 500 GENERAL**
- The October Revolution and Soviet science. Izv. vys. ucheb. zav. prib., 10 no. 10, 5-6 '67.
- Prognostication... what is it? B. Litvinov. V mire prirody, 7 no. 12, 9 '67.
- 501 EXACT SCIENCES IN GENERAL**
- [Analysis of tendencies and the prognostication of scientific and technological progress. Use of mathematical methods and electronic computers in studies on the history of science and technology.] Analiz tendentsii i prognozirovaniye nauchno-tekhnicheskogo progressa. Primenenie matematicheskikh i EVM v issledovaniakh po istorii nauki i tekhniki. Kiev, "Naukova dumka", 1967. 344 p.
- Role of the history of the physicomathematical sciences in the development of modern science. B. V. Gnadenko. Ist. i metod. est. nauk, no. 5, 5-14 '66.
- 502.7 NATURE AND WILDLIFE PROTECTION. WILDLIFE MANAGEMENT**
- The laws which regulate the use and conservation of natural resources and their limits as an integral part of the legal system. N. D. Kazantsev. Vest. Mosk. un. Ser. 12 Pravo, 22 no. 6, 3-9 N-D '67.
- Some problems concerning the codification of laws on the protection of natural resources in the Union Republics. Vest. Mosk. un. Ser. 12 Pravo, 22 no. 4, 89-90 JI-Ag '61.
- 502.7 (471.62)—Krasnodar Territory**
- Brennensen, G. E., and N. I. Shecherbakov. [Park of the "Uzhnye kul'tury" State Farm, a short guidebook.] Park sovkhosa "Uzhnye kul'tury", kratkii putevoditel'. [Krasnodar] Krasnodarskoe kn. izd., 1963. 71 p.
- 51 MATHEMATICS**
- Aleksunas, Marjona, and others. [Mathematics; a handbook for special high schools.] Matematika, vadovis specialiosioms vidurbioms mokymoms Vilnius, Mintis, 1966. 522 p. [In Lithuanian]
- Antonov, N. P., and others. [Collection of problems in elementary mathematics, textbook for self-instruction.] Sbornik zadach po elementarnoi matematike; posobie dlia samobrazovaniia. Izd. 12., stereotipnoe. Moskva, Nauka, 1966. 528 p.
- At the 2d Congress of Bulgarian Mathematicians, 1. I. Teslenko. Rad. shk., 46 no. 11, 99-101 N '67.
- Danko, P. E., and A. G. Popov. [Exercises and problems in higher mathematics.] Vysshiaia matematika v uprazhneniakh i zadachakh. Moskva, "Vyssh. shkola", Ch. 1. 1967. 288 p.
- Early works of S. O. Shatunovskii on the foundations of mathematics. S. A. Bakmutskaya. Ist. i metod. est. nauk, no. 5, 80-85 '66.
- From the history of Soviet mathematics. A. T. Lap'ko, L. A. Lusterink. Usp. mat. nauk, 22 no. 6, 13-140 N-D '67.
- Improving the teaching methods in evening schools. G. K. Sukhomlinova. Sred. shkol., 11 no. 7, 33-35 JI '67.
- Morozova, E. A., and I. S. Petrakov. [International mathematical competitions; problems, solutions, and results. Textbook for students.] Mezhduнародnye matematicheskie olimpiady, zadachi, resheniia, itogi. Posobie dlia uchashchikhsia. Moskva, "Pisoveshchenie", 1967. 173 p.
- Scientific Conference on some Physical and Mathematical Problems held at Kabardin-Balkarian State University. I. M. Karashev. Usp. mat. nauk, 22 no. 6, 266-270 N-D '67.
- Soviet achievements in the physicomathematical and mathematical science. Ch. M. Dzhuvarly. Izv. AN Azerb. SSR, Ser. Fiz.-tekhn. i mat. nauk., no. 3, 1-14 '67.
- [Topography of the earth and mathematics.] Rel'ef Zemli i matematika. Sbornik statei. Moskva, "Mysl'", 1967. 116 p.
- The treatise of Thabit ibn Qurrah on composite ratios. L. M. Karpova, B. A. Rozenfeld. Ist. i metod. est. nauk, no. 5, 126-130 '66.
- Using the method of discriminant functions in the separation to related composition. I. G. Pavlova, Z. V. Agukina. Dokl. AN SSSR, 177 no. 6, 1442-1444 D '67.
- Work of the Scientific Research Seminar on the History of Mathematics and Mechanics held at Moscow State University (1966-1967). S. S. Demidov, Kh. O. Ondar. Usp. mat. nauk, 22 no. 6, 283-285 N-D '67.
- Zel'dovich, I. A. B., and A. D. Myshkis. [Elements of applied mathematics.] Elementy prikladnoi matematiki. Izd. 2-e, ispr. i dop. Moskva, "Nauka", 1967. 846 p.
- 51 (471.310)—Moscow City**
- History of the Moscow Mathematical Society. F. IA. Shevelov. Ist. i metod. est. nauk, no. 6, 62-74 '66.

51.01 PHILOSOPHY OF MATHEMATICS

Human problems and mathematics. A. D. Aleksandrov. *Usp. mat. nauk* 22 no. 5:5-7 N-D '67.

511 ARITHMETIC

Arithmetical operations on some sets of complexes. A. O. Shisheko. *Trudy Mat. inst.* 93:187-207 '67.

Berezin, S. I. [Elementary computation technique; concise practical manual for self-instruction] *Tekhnika elementarnykh vychislenii, kakoe prakticheskoe posobie dlia samobucheniia*. Leningrad, Mashinostroenie, 1967. 107 p.

Characteristics of leaf students' notions of the simplest parts of an object. N. V. Diagleva. *Uch. zap. Ped. inst. Grits.* 296:69-75 '66.

Composition of problems in the senior grades of schools for mentally handicapped children. A. A. Khillo. *Uch. zap. Ped. inst. Grits.* 296:90-97 '66.

Generalized problem dealing with Tetrahedron divisors. A. K. Karshiev. *Izv. AN Uz. SSR, Ser. fiz.-mat. nauk* 11 no. 6:21-28 '67.

Integral inequalities with Volterra-type operators. Kh. M. Saipagatov. *Dokl. AN SSSR* 177 no. 2:277-280 N '67.

Let us have continuity in arithmetic study in kindergartens and schools. V. Lushina. *Doshk. voyp.* 10 no. 5:35-40 '67.

Problems affecting studies on approximate numbers in a system of residual classes. V. Kh. Khatskevich. *Soob. AN Gruz. SSR* 48 no. 2:287-292 N '67.

A system for the study of fractions in schools for the deaf. N. V. Diagleva. *Uch. zap. Ped. inst. Grits.* 296:76-83 '66.

Vygotskii, M. I. A. [Arithmetic and algebra in the ancient world] *Arifmetika i algebra v drevnem mire*. Izd. 2, ispr. i dop. Moskva, "Nauka," 1967. 307 p.

511.2 THEORY OF NUMBERS

Some aspects of the theory of numbers in Euler's correspondence with Goldbach. I. G. Melnikov. *Ist. i metod. est. nauk* no. 3:15-30 '66.

512 ALGEBRA

Algebra in unpublished manuscripts of L. Euler. R. I. Galchenkova. *Ist. i metod. est. nauk* no. 5:45-61 '66.

A condition for a radical of Banach algebra affording high decomposability. E. A. Gorin, V. I. Lin. *Mat. zam.* 2 no. 6:589-592 '67.

Method of recurrent computation for determining the characteristic polynomial. A. B. Gribov. *Dokl. AN SSSR* 177 no. 3:499-500 N '67.

On a class of polynomials and functions orthogonal on the axis. O. V. Kuzhel'. *Dop. AN URSR Sci.* A 29 no. 12:1070-1072 D '67.

Use of Chebyshev polynomials, orthonormalized on a system of equidistant points, for numerical differentiation. L. P. Grabar'. *Zhur. vych. mat. i mat. fiz.* 7 no. 6:1375-1379 N-D '67.

Vygotskii, M. I. A. [Arithmetic and algebra in the ancient world] *Arifmetika i algebra v drevnem mire*. Izd. 2, ispr. i dop. Moskva, "Nauka," 1967. 307 p.

512(471.310)—Moscow City

Advance in general algebra at Moscow University during the last fifty years. A. G. Kurosh. *Vest. Mosk. Un. Ser. 1: Mat., mekh.* 22 no. 6:3-15 N-D '67.

512.13 EQUALITIES AND INEQUALITIES

On a necessary and sufficient condition for the nonoscillation of the equation $u'' - p(x)u = 0$. M. E. Drakhin. *Uch. zap. Perm. gos. un.* no. 131:81-85 '66.

On the general solution of a system of uniform linear inequalities of the rank r, n . V. G. Kuznetsov. *Uch. zap. Perm. gos. un.* no. 131:54-55 '66.

512.2 EQUATIONS

Contribution to the theory of iterative processes. G. I. Chandarov. *Dokl. AN SSSR* 177 no. 6:1260-1261 D '67.

On a necessary and sufficient condition for the nonoscillation of the equation $u'' + p(x)u = 0$. M. E. Drakhin. *Uch. zap. Perm. gos. un.* no. 131:81-85 '66.

512.5 INTERPOLATION

The interpolation error. M. A. Mirzakhedev. *Izv. AN Uz. SSR, Ser. fiz.-mat. nauk* 11 no. 6:73-74 '67.

An interpolation theorem for linear operators. P. P. Zabreiko. *Mat. zam.* 2 no. 6:593-598 '67.

512.8 DETERMINANTS

Composition of characteristics of polynomials. S. A. Kazak. *Trudy Ural. politekh. inst.* no. 151:127-219 '67.

512.83 MATRICES

Efimov, N. V. [Quadratic forms and matrices] *Kvadratiche formy i matritsy*. Izd. 4-e. Moskva, "Nauka," 1967. 156 p. (Izbrannye glavy vysshei matematiki dlia inzhenerov i studentov vuzov).

512.89 ALGEBRAIC FORMS

Efimov, N. V. [Quadratic forms and matrices] *Kvadratiche formy i matritsy*. Izd. 4-e. Moskva, "Nauka," 1967. 156 p. (Izbrannye glavy vysshei matematiki dlia inzhenerov i studentov vuzov).

512.9 VECTOR ANALYSIS. CALCULUS OF TENSORS

Quaternions in Hamilton's early works. F. D. Kramar. *Ist. i metod. est. nauk* no. 5:175-184 '66.

Structure of tensors admitting a given invariance group. P. K. Rashovskii. *Dokl. AN SSSR* 177 no. 2:275-276 N '67.

513 GEOMETRY

Analyzing the structure of knowledge in Euclid's "Elements." Report No. 2. Structure of geometrical proof. V. M. Rozin. *A. S. Moskvsk. Nov. issl. v ped. nauk* no. 9:48-53 '67.

Composition of geometry skills of schoolchildren. Report No. 5. Characteristics of the mastering of mathematics in similar situations. A. K. Artemov. *Nov. issl. v ped. nauk* no. 9:43-47 '67.

Construction of conic sections in the medieval East. S. A. Krasnova. *Ist. i metod. est. nauk* no. 5:140-149 '66.

A device for self-checking in the solving of graphic problems. A. F. Afanas'ev. *Vest. vys. shkoly* 25 no. 8:65-66 S '67.

Group of straight-line motions and the geometric theory of fields. N. P. Konopleva, G. A. Sokolik. *Dokl. AN SSSR* 177 no. 2:302-305 N '67.

Minimum surface as a diagram of the rotation of a sphere. I. Kh. Sabitov. *Mat. zam.* 2 no. 6:615-656 '67.

Treatise on geometry by the 9th century Bagdad mathematicians known as Banu Musa, Dzhama'i ibn Dabbach. *Ist. i metod. est. nauk* no. 5:131-139 '66.

513.1 PLANE GEOMETRY

The method of least squares and the problem of the perpendicular. A. I. Marmushvili. *Izv. vys. ucheb. zav. geod. i aerof.* no. 1:13-26 '65.

513.3 SOLID GEOMETRY

Constructive mappings of finite polyhedra. V. P. Olevyov. *Trudy Mat. inst.* 93:141-163 '67.

513.6 ALGEBRAIC CURVES, SURFACES AND VARIETIES

An invariant of open manifolds. V. L. Golov. *Izv. AN SSSR Ser. mat.* 31 no. 5:1001-1104 S-O '67.

513.7 LINE AND ENUMERATIVE GEOMETRY. COMPLEXES. CONSEQUENCES. CONNEXES. KINEMATIC GEOMETRY. TRANSFORMATIONS

Development of P. L. Chebyshev's geometrical conceptions. V. P. Bychkov. *Ist. i metod. est. nauk* no. 5:86-92 '66.

Integral representation of some systems of congruences. Kh. Kh. Nazarov. *Izv. AN Uz. SSR, Ser. fiz.-mat. nauk* 11 no. 4:16-20 '67.

Non-self-intersecting curves on closed surfaces. V. I. Pupko. *Dokl. AN SSSR* 177 no. 2:272-274 N '67.

Partial order in a set of plane figures with a binary relation of addition. V. A. Iarmolenko. *Uch. zap. Perm. gos. un.* no. 131:155-170 '66.

Projection methods for determining the generic point of convex sets. L. G. Gurin, R. T. Potiakh, E. V. Raik. *Zhur. vych. mat. i mat. fiz.* 7 no. 6:1211-1228 N-D '67.

Spaces that are invariant relative to a singular integral transformation. R. V. Kapanadze. *Trudy Mat. inst. AN Gruz. SSR* 32:161-170 '67.

513.8 NON-EUCLIDEAN, MULTIDIMENSIONAL AND OTHER FORMS OF GEOMETRY. FUNCTIONAL AND HILBERT SPACES

Closed and open sets and constructive topological spaces. Phan Dinh Dieu. *Trudy Mat. inst.* 93:250-256 '67.

A condition for a radical of Banach algebra affording high decomposability. E. A. Gorin, V. I. Lin. *Mat. zam.* 2 no. 6:589-592 '67.

Criterion of compactness in the spaces $\Pi(\cdot, \cdot, O)$, $\Pi(\cdot, \cdot, O)$, $\Pi(\cdot, \cdot, f_2, \cdot, O)$ and $\Pi(\cdot, \cdot, f_2, \cdot, O)$. A. I. Guseinov, Kh. Sh. Mukhtarov. *Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk* no. 3/4:145-153 '67.

Extension of classical boundary value and mixed-type equations to an infinite-dimensional space with a measure. V. A. Kotusheva. *Dokl. AN Azerb. SSR* 23 no. 8:3-7 '67.

A geometrical hypothesis of Banach. M. L. Gromov. *Izv. AN SSSR, Ser. mat.* 31 no. 5:1105-1114 S-O '67.

Homological and homotopic applications of the products and spectra of objects with exposed subobjects. L. D. Mdzinarishvili. *Soob. AN Gruz. SSR* 18 no. 2:281-286 N '67.

Homotopy of complements to knots. A. B. Sosnitskii. *Dokl. AN SSSR* 176 no. 6:1256-1261 O '67.

Infinite-dimensional geometry of the unit sphere of a Banach space. V. D. Mil'man. *Dokl. AN SSSR* 177 no. 3:514-517 N '67.

Lebesgue subspaces of non-Lebesgue spaces with a measure. V. G. Vinokurov, B. Makhkamov. *Izv. AN Uz. SSR, Ser. fiz.-mat. nauk* 11 no. 6:5-10 '67.

A method for deriving new fixed point principles. P. P. Zabreiko, M. A. Krasnosel'skii. *Dokl. AN SSSR* 176 no. 6:1233-1235 O '67.

On the existence of a continuous branch of eigenvectors of a perfectly continuous operator in a Banach space with two cones. I. V. Misurkeev. *Uch. zap. Perm. gos. un.* no. 131:17-20 '66.

Perfect continuity of an operator P on a closed Riemannian surface. I. I. Filimonova. *Uch. zap. Perm. gos. un.* no. 131:44-47 '66.

Prime ends of finitely connected domains belonging to a Riemannian surface and converging to a nondegenerate nucleus. L. V. Rus'skikh. *Uch. zap. Perm. gos. un.* no. 131:31-43 '66.

Structure in the large of analytic semi-reducible Riemannian spaces. A. S. Solodovnikov. *Dokl. AN SSSR* 177 no. 3:521-523 N '67.

Theorems on the traces and extension of distributions. B. P. Panevskii. *Mat. zam.* 2 no. 6:577-588 '67.

Theory of differentiation in linear topological spaces. V. I. Averbukh, O. G. Smoliansky. *Usp. mat. nauk* 22 no. 6:201-260 N-D '67.

513.83 TOPOLOGY

Continuation of mappings of topological spaces. N. V. Velichko. *Dokl. AN SSSR* 177 no. 6:1255-1258 D '67.

Kuratowski, K. [Topology. Translated from the Polish] *Topologia*. Predisl. P. S. Aleksandrova. Moskva, "Mir," T. I. 1966. 504 p.

Riemannian surfaces with a univalently accessible boundary. I. D. Pekhtetskii. *Uch. zap. Perm. gos. un.* no. 131:27-32 '66.

514 TRIGONOMETRY. POLYGONOMETRY

Baskin, N. M. [Problems and exercises in trigonometry; textbook for teachers] *Zadachnik-praktikum po trigonometrii, posobie dlia uchitelei*. Izd. 3-o, pererabot. Moskva, "Prosveshchenie," 1966. 172 p.

515 DESCRIPTIVE GEOMETRY

Gordon, V. O., Yu. B. Ivanov, and T. E. Solntseva. [Collection of problems for a course in descriptive geometry] *Sbornik zadach po kursu nacheitatel'noi geometrii*. Moskva, "Nauka," 1967. 351 p.

516 ANALYTICAL GEOMETRY

Linear measurements for the adjustment of several tied-in points. A. Tait'si-Khromokh. *Izv. vys. ucheb. zav. geod. i aerof.* no. 3:27-32 '65.

517 ANALYSIS. CALCULUS

Assessment of the defect of a space. A. Letek. *Dokl. AN SSSR* 176 no. 6:1244-1246 O '67.

Existence of the best approximation of functions by sums of a finite number of plane waves of given directions in the L_p metric. *Dokl. AN SSSR* 176 no. 6:1225-1228 O '67.

Some boundary value problems in polycylindrical domains. S. I. Guseinov, I. V. Rus'skikh. *Uch. zap. Perm. gos. un.* no. 131:14-16 '66.

517.1 MATHEMATICAL LOGIC

Algorithms covering a given algorithm. A. V. Idel'son. *Trudy Mat. inst.* 93:89-105 '67.

Classes of k -valued logic containing all functions of one variable. G. A. Bule. *Dokl. anal.* no. 10:3-7 '67.

Constructive mathematical theories made consistent with classical logic. V. A. Lifshits. *Trudy Mat. inst.* 93:113-123 '67.

Corrections and additions to the paper "On predicate and operator variants of setting up theories of constructive mathematics." G. E. Mintz. *Trudy Mat. inst.* 93:257-258 '67.

Derivation of an abridged disjunctive normal form using Blake's method. L. A. Zhuravleva. *Dokl. anal.* no. 10:23-28 '67.

Length of a dead-end disjunctive normal form. V. V. Glagolev. *Mat. zam.* 2 no. 6:655-672 '67.

Metric properties of almost all functions of algebra of logic. A. A. Sapozhenko. *Dokl. anal.* no. 10:91-119 '67.

Note on computations in constructive logic with subordinate variables and the total induction axiom. A. V. Idel'son. *Trudy Mat. inst.* 93:105-112 '67.

On a certain function of algebra of logic. I. A. Mal'tsev. *Dokl. anal.* no. 10:61-68 '67.

On a language of constructive mathematics connected with systems of sets. Phan Dinh Dieu. *Trudy Mat. inst.* 93:127-141 '67.

Set-theoretical approach to functional divisibility. V. P. Vashchenko. *Dokl. anal.* no. 10:9-22 '67.

The variational principle in algebra of logic. R. G. Nigmatullin. *Dokl. anal.* no. 10:89-90 '67.

517.2 DIFFERENTIAL CALCULUS

Some problems bearing on the integration of triangular differentials in the papers of Russian mathematicians of the second half of the 18th century. M. B. Nalbandian. *Ist. i metod. est. nauk* no. 5:106-104 '66.

Studies of Ukrainian mathematicians on nonholonomic differential geometry. I. A. Naumov. *Ist. i metod. est. nauk* no. 5:105-117 '66.

517.3 INTEGRAL CALCULUS

Some of the best cubature formulae. I. I. Ibragimov, R. M. Aliev. *Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk* no. 3/4:154-161 '67.

517.43 OPERATORS (MATHEMATICS) INVARIANTS

Asymptotic behavior of the eigenfunctions of a Laplace operator concentrated near the domain boundary. V. F. Lazutkin. *Zhur. vych. mat. i mat. fiz.* 7 no. 6:1237-1240 N-D '67.

- A class of linear operators in a space of abstract continuous functions. M. A. Krasnosel'skii. *Mat. zam.*, 2 no. 6 599-604 '67.
- Convolution-type operators in cones. I. B. Simonenko. *Dokl. AN SSSR*, 176 no. 6 1255-1257 O '67.
- Corrections and additions to the paper "On predicate and operator variants of setting up theories of constructive mathematics." G. E. Mints. *Trudy Mat. inst.*, 93 257-258 '67.
- Description of generalized extensions with a one-dimensional component of the differentiation operator without spectrum. E. R. Tsekanovali. *Dokl. AN SSSR*, 176 no. 6 1266-1269 O '67.
- Eigenvalues and eigenvectors of a perturbed operator. B. V. Loginov, V. E. Pospishev. *Izv. AN Uz. SSR, Ser. fiz.-mat. nauk*, 11 no. 6 29-35 '67.
- Expansion in eigenfunctions of a non-self-adjoint Schrödinger operator in some infinite regions. M. B. Mamedev. *Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk*, no. 3/4 162-168 '67.
- Group of straight-line motions and the geometric theory of fields. N. P. Konopleva, G. A. Skolik. *Dokl. AN SSSR*, 177 no. 2 302-305 N '67.
- Integral inequalities with Volterra-type operators. Kh. M. Salpaganov. *Dokl. AN SSSR*, 177 no. 2 277-280 N '67.
- Interpolation of linear operators and estimates of Fourier coefficients. E. M. Semenov. *Dokl. AN SSSR*, 176 no. 6 1251-1254 O '67.
- An interpolation theorem for linear operators. P. P. Zabrejko. *Mat. zam.*, 2 no. 6 593-598 '67.
- An inverse problem. R. Z. Khalilova. *Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk*, no. 3/4 169-175 '67.
- On a class of formally normal operators. V. N. Poljakov. *Mat. zam.*, 2 no. 6 605-614 '67.
- On some types of continuity of constructive operators. V. P. Orevkov. *Trudy Mat. inst.*, 93 161-166 '67.
- On the existence of a continuous branch of eigenvectors of a perfectly continuous operator in a Banach space with two cones. I. V. Miasurkeev. *Uch. zap. Perm. gos. un.*, no. 131 17-20 '66.
- Palamodov, V. P. [Linear differential operators with constant coefficients] *Lineinye differentsial'nye operatory s postoiannymi koefitsientami*. Moskva, "Nauka," 1967 487 p.
- Perfect continuity of an operator T on a closed Riemannian surface. I. I. Filimonova. *Uch. zap. Perm. gos. un.*, no. 131-44-47 '66.
- Regular disturbances in the representation of secondary quantization. I. M. Rubin. *Dop. AN URSSR Ser. A*, 29 no. 11 1001-1005 N '67.
- Representation of a continuous group by unbounded operators. S. S. Samnikov. *Dokl. AN SSSR*, 177 no. 6 1285-1288 D '67.
- Self-adjoint expansions of some singular partial differential operators. I. A. Kiprianov. *Dokl. AN SSSR*, 176 no. 6 1236-1239 O '67.
- Some criteria of nonoscillation of linear differential operators. G. S. Zaitseva. *Dokl. AN SSSR*, 177 no. 6 1263-1264 D '67.
- Spaces that are invariant relative to a singular integral transformation. R. V. Kapanadze. *Trudy Mat. inst. AN Gruz. SSR*, 32 164-170 '67.
- Spectrum of a family of difference operators over functions on a network graph. V. S. Rabenikil. *Zhur. vych. mat. i mat. fiz.*, 7 no. 6 1392-1398 N '67.
- Theorems on the traces and extension of distributions. B. P. Panetakh. *Mat. zam.*, 2 no. 6 577-588 '67.
- 517.5 THEORY OF FUNCTIONS**
- Accurate estimates for norms of differentiable periodic functions in L metrics. N. P. Korncelmur. *Mat. zam.*, 2 no. 6 569-576 '67.
- Analytical continuation of the Riemannian zeta-function by means of double series. V. P. Burachenko. *Dop. AN URSSR, Ser. A*, 29 no. 11 1005-1008 N '67.
- Appearance of discontinuities on the continuation of solutions to nonlinear mixed problems for the string equation. V. N. Gol'dberg. *Dokl. AN SSSR*, 176 no. 6 1229-1232 O '67.
- Approximation in the mean of class L_p analytic functions. V. M. Kokilashvili. *Dokl. AN SSSR*, 177 no. 2 261-264 N '67.
- Approximation of functions containing a continuous fractional derivative. V. J. Bilyl. *Dop. AN URSSR, Ser. A*, 29 no. 11 994-996 N '67.
- Asymptotically best gap systems. V. F. Gaposhkin. *Izv. AN SSSR, Ser. mat.*, 31 no. 5 1012-1026 S-O '67.
- Boundary values of the Poisson integral and the rate of convergence of the Fourier series of a continuous function. M. A. Subkhanulov, L. I. Krainova. *Izv. AN Uz. SSR, Ser. fiz.-mat. nauk*, 11 no. 4 21-28 '67.
- A class of linear operators in a space of abstract continuous functions. M. A. Krasnosel'skii. *Mat. zam.*, 2 no. 6 599-604 '67.
- Conjugated functions and trigonometric series. L. V. Zhuravskii. *Mat. zam.*, 2 no. 6 695-702 '67.
- A constructive characteristic of functions of Hölder's classes in arbitrary positive conical domains with a piecewise smooth boundary. V. K. Dziadyk, O. T. Shvai. *Dop. AN URSSR, Ser. A*, 29 no. 11 1012-1015 N '67.
- Contribution to the theory of iterative processes. G. I. Chudirov. *Dokl. AN SSSR*, 177 no. 6 1289-1291 D '67.
- Derivation of optimal continuity regulators for constructive functions. A. O. Shustko. *Trudy Mat. inst.*, 93 268-249 '67.
- Development and application of S. A. Chaplygin's theory of "upper" and "lower" functions. D. B. Topolanski. *Ist. i metod. est. nauk*, no. 5 75-79 '66.
- Difference method for solving boundary value problems for an axisymmetric equation describing nonsteady percolation. A. O. Iagub-Zade. *Zhur. vych. mat. i mat. fiz.*, 7 no. 6 1334-1345 N-D '67.
- Early studies on the theory of the summation of functions. V. V. Likhin. *Ist. i metod. est. nauk*, no. 5 219-227 '66.
- Exhaustive solution in the W_2^p and $C(n, n)$ classes to the problem of localization for Fourier series in fundamental systems of Laplace operator functions. V. A. Il'in. *Dokl. AN SSSR*, 177 no. 2 258-260 N '67.
- Expansion in eigenfunctions of a non-self-adjoint Schrödinger operator in some infinite regions. M. B. Mamedev. *Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk*, no. 3/4 162-168 '67.
- Extension of classical boundary value and mixed-type equations to an infinite-dimensional space with a measure. V. A. Kolushcheva. *Dokl. AN Azerb. SSR*, 23 no. 8 3-7 '67.
- An extremum problem and linear methods for summing Fourier series. P. P. Korovkin. *Dokl. AN SSSR*, 177 no. 2 264-267 N '67.
- Evolving a singularity of Green's function. I. I. P. Krasovskii. *Izv. AN SSSR, Ser. mat.*, 31 no. 5 977-1910 S-O '67.
- Finiteness of the number of rational and algebraic points on some transcendental curves. V. G. Spiridukh. *Dokl. AN SSSR*, 177 no. 3 524-527 N '67.
- First one-dimensional nonideal thermal-contact boundary value problem. A. M. Abasov. *Dokl. AN Azerb. SSR*, 23 no. 7 3-8 '67.
- Function classes, quasi-analytic with respect to an ordinary linear differential operator, and their uses. V. G. Khryshun. *Dokl. AN SSSR*, 177 no. 3 528-530 N '67.
- Generalized Riemann equation in the theory of Dirichlet's series. E. A. Antont'eva. *Dokl. AN SSSR*, 176 no. 6 1215-1216 O '67.
- The history of setting up a general theory of automorphic functions. V. M. Kuznetsov. *Ist. i metod. est. nauk*, no. 5 185-191 '66.
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- Integral representations for functions, holomorphic in convex multiple-circular regions, and Taylor's formula. I. I. Bavrin. *Dokl. AN SSSR*, 176 no. 6 1217-1220 O '67.
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- Minimum surface as a diagram of the rotation of a sphere. I. Kh. Sabitov. *Mat. zam.*, 2 no. 6 645-656 '67.
- A nonlinear space. K. P. Persidskii. *Vest. AN Kazakh. SSR*, 23 no. 8 46-51 Ag '67.
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- Note on unbiased estimates of functions of a compound parameter. A. M. Kagan, O. V. Sholavskii. *Izv. AN Uz. SSR, Ser. fiz.-mat. nauk*, 11 no. 6 17-20 '67.
- On a class of polynomials and functions orthogonal on the axis. O. V. Kuznetsov. *Dop. AN URSSR, Ser. A*, 29 no. 12 1070-1072 D '67.
- On ϵ -entropy of Arzelav's compacta of functions given on closed sets of a positive Lebesgue measure. A. F. Timan. *Dokl. AN SSSR*, 177 no. 2 285-287 N '67.
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- On the structure of closed ideals in a ring of functions. N. B. Levina. *Vest. Mosk. Un. Ser. I; Mat. i mekh.*, 22 no. 6 70-77 N-D '67.
- On the theory of boundary value problems with Carleman's shift for analytic functions. I. S. Lytvynchuk. *Dop. AN URSSR, Ser. A*, 29 no. 11 1016-1022 N '67.
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- Solution to the linear equation for the energy gap in nonhomogeneous superconductors. W. Silvert. *Zhur. vych. mat. i mat. fiz.*, 53 no. 5 1693-1698 N '67.
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- Transformation of regular functions typically real in the half-plane. T. G. Fzokhli. *Rh. Akh. i. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk*, 11 no. 4 23-33 '67.
- Use of polynomials in the approximation of functions with complex values continuous in conical domains. B. I. Itan. *Dop. AN URSSR, Ser. A*, 29 no. 11 1008-1012 N '67.
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- Development of the theory of functions of complex variables at Moscow University during the last fifty years. B. I. Shabat. *Vest. Mosk. Un. Ser. I; Mat. i mekh.*, 22 no. 6 15-23 N-D '67.
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- Incomplete Lipschitz-Hankel integrals. M. M. Agrest, M. M. Rikenglaz. *Zhur. vych. mat. i mat. fiz.*, 7 no. 6 1370-1374 N-D '67.
- Smolianskii, M. L. [Tables of indefinite integrals] *Tablitsy neopredelennykh integralov*. Izd. 4-e, ispr. i dop. Moskva, "Nauka," 1967 127 p.
- 517.9 DIFFERENTIAL EQUATIONS**
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517.95 INTEGRAL EQUATIONS

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518 SPECIAL METHODS OF CALCULATION. COMPUTING AIDS. GRAPHICAL CALCULATION

Asymptotic behavior, at small ϵ , of the solution to the equation $u_1 + (\epsilon) u_2 = u_{xx}$ corresponding to a rarefaction wave in the degenerate case. N. S. Bakhvalov, Zhur. vych. mat. i mat. fiz. 7 no. 6 1229-1236 N-D '67.

The concept of rigorous representability in general computation theory. S. I. Maslov, Trudy Mat. inst. 91 3-42 '67.

Determination of complex roots of characteristics of polynomials with random form using a digital computer. V. A. Kokovikhin, V. M. Kipichnikov, Trudy Ural. politekh. inst. no. 151 130-136 '67.

Determination of the frequencies of free oscillations of the main drive mechanism of machine tools in cold rolling of pipes. V. I. Sokolovskiy, E. A. Bubnov, V. I. Tumashev, Trudy Ural. politekh. inst. no. 151 137-143 '67.

Frolov, S. A. [Cybernetics and engineering graphics] Kibernetika i inzhenernaia grafika. Moskva, "Mashinostroenie," 1967 100 p.

Games of automata of different activity. A. V. Butrimenko, Probl. pered. inform. 3 no. 4 81-88 O-D '67.

Graphic analysis method for selecting optimum conditions of the electric power supply to ore dressing plants. S. A. Volotkovskiy, V. P. Apenko, I. A. Khodak, Gor. elektromekh. i avtom. no. 6 12-15 '66.

The iterative KP-method. V. N. Lebedev, Zhur. vych. mat. i mat. fiz. 7 no. 6 1250-1269 N-D '67.

A matrix algorithm for solving linear differential equations and their systems. I. U. I. Borshech, Zhur. vych. mat. i mat. fiz. 7 no. 6 1385-1392 N-D '67.

Method of recurrent computation for determining the characteristic polynomial. A. B. Gribov, Dokl. AN SSSR 177 no. 3 499-500 N '67.

Nominal character of the technical style; based on the materials of American technical literature. S. I. Kaufman, Vop. iz. no. 5 103-108 S-O '61.

Nomograms for calculating the optimal quantity of spare elements. O. C. Alekseev, I. M. Fedorov, Izv. vys. ucheb. zav. prib. 9 no. 1 146-151 '66.

Note on the approximation of functions by polynomials. E. A. Volkov, Zhur. vych. mat. i mat. fiz. 7 no. 6 1374-1375 N-D '67.

On a quadrature formula. O. M. Litvin, V. L. Rvachov, Dop. AN URSSR, Ser. A 29 no. 11 1016-1019 N '67.

On Bubnov-Galerkin's method. A. V. Dzishkariani, Zhur. vych. mat. i mat. fiz. 7 no. 6 1398-1402 N-D '67.

Optimal investment planning in developing blast furnace practices with the aid of electronic digital computers and dynamic programming. I. S. Solomakhin, L. I. Rozhevaev, I. M. Burshtein, Stal' 27 no. 12 1122-1126 D '67.

Problem of pursuit. B. N. Pshenichnyi, Kibernetika no. 6 84-84 N-D '67.

Programming of the calculation of transient processes in mechanical systems. S. A. Kazak, V. M. Kirpichnikov, I. A. Kovalev, Trudy Ural. politekh. inst. no. 151 140-126 '67.

Rumshitskiy, L. Z. [The slide rule] Shchitnaya linetka. Ed. 3-6, pererabot. i dop. Moskva, "Nauka," 1967. 64 p.

Significance of methods of formal analysis of historical written languages. I. U. A. Shredor, Probl. pered. inform. 3 no. 4 89-97 O-D '67.

- Interpolation of the experimental data. V. N. Starikov. Trudy Inst. rad. fiz. AN Kazakh SSR 7:76-84 '68.
- Kur'min, V. I. (Geometrization and calculation of reserves of solid mineral deposits) Geometrization i podschet zapasov mestorozhdenii tverdykh poleznykh iskopnykh. Moskva, "Nedra," 1967. 242 p.
- Mathematical and statistical methods in laboratory practice. S. A. Kuznetsov, Zav. lab. 33 no. 10 1293-1300 '67.
- The method of least squares and the problem of the perpendicular. A. I. Mazumishvili. Izv. vuz. uch. zap., geol. i razved. 3:14-26 '65.
- Methodological dispersion in some geochemical applications of mathematical statistics. V. S. Alishevskii. Geol. zhurn. 26 no. 4 12-41 '66.
- Methodology of studying sequences of the distribution of density and other physical properties of rocks. B. V. Vakhirev. Razved. geol. no. 23 51-59 '67.
- The optimal method for determining the settling of one-phase foundations. A. A. Batolomei, S. I. Gusman. Uch. zap. Perm. gos. un. no. 131:3-13 '66.
- Robust estimates for plans of the sequential analysis type. L. P. Lumel'skii. Uch. zap. Perm. gos. un. no. 131:110-150 '66.
- 519.3 CALCULUS OF VARIATIONS, FUNCTIONAL ANALYSIS**
- Assessment of the error in using variation methods. A. I. Luchka. Dop. AN URSS Ser. A 29 no. 11 1022-1027 N-D '67.
- Interpolation of homogeneous generalized random fields. M. A. Murzakimov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 11 no. 4 10-15 '67.
- On the existence of a solution to generalized problems of smoothing and extrapolating random functions. D. B. Iudin. Dokl. AN SSSR 177 no. 3 535-538 N '67.
- 519.4 THEORY OF GROUPS**
- Approximation of an algebraic number by algebraic numbers of a special kind. S. A. Stepanov. Vest. Mosk. Un. Ser. I Mat. mekh. 22 no. 6 78-85 N-D '67.
- Bundles of semigroups. L. G. Mustafayev. Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk no. 3/4 176-184 '67.
- Decomposability of torsion and pretorsion in the category of right A -modules. E. L. Gorbachuk. Mat. zam. 2 no. 6 681-688 '67.
- Finite groups with given orders of classes of conjugate elements. L. T. Kosvintsev. Uch. zap. Perm. gos. un. no. 131:133-139 '66.
- Free polynuclear groups. A. L. Shmel'kin. Izv. AN SSSR, Ser. mat. 31 no. 5 1115-1113 S-O '67.
- Groups with invariant noncyclic subgroups. F. M. Lyman. Dop. AN URSS, Ser. A 29 no. 12 1072-1075 '67.
- Infinite dimensional representations of the rotation group. S. S. Sannikov. IAD, fiz. 6 no. 5 1004-1092 N '67.
- Integral representations of relativistic amplitudes and asymptotic theorems. G. I. Kuznetsov, I. A. Smorodinskii. IAD, fiz. 6 no. 6 1308-1312 '67.
- An invariant of open manifolds. V. L. Golov. Izv. AN SSSR Ser. mat. 31 no. 5 1091-1104 S-O '67.
- The "large sieve" in algebraic number fields. A. G. Samandarov. Mat. zam. 2 no. 6 673-680 '67.
- Locally nilpotent radicals of Mal'tsev's algebras satisfying Engel's n -th condition. E. N. Kuz'min. Dokl. AN SSSR 177 no. 3 508-510 N '67.
- Metric elements of the Lorentz group unitary representation. I. A. Verdiev, L. A. Dadaashvili. IAD, fiz. 6 no. 5 1094-1099 N '67.
- New representations of the Lie algebra of the rotation group. S. S. Sannikov. IAD, fiz. 6 no. 6 1294-1307 D '67.
- On a class of solvable groups. G. S. Shevtsov. Uch. zap. Perm. gos. un. no. 131:130-134 '66.
- On a common group of the order 168. V. M. Sosnin. Uch. zap. Perm. gos. un. no. 131:66-75 '66.
- On infinite groups with certain properties of indices of subgroups. Kh. M. Rozenfeld. Uch. zap. Perm. gos. un. no. 131:63-65 '66.
- On periodic groups of automorphisms of extremal groups. I. A. Polovitskii. Uch. zap. Perm. gos. un. no. 131:59-62 '66.
- On the minimax nature of the complex analog of the T -test. N. M. Khalifa. Mat. zam. 2 no. 6 635-644 '67.
- On the semidirect product of two cyclic p -groups (p 2). G. A. Malan'ina. Uch. zap. Perm. gos. un. no. 131:56-58 '66.
- On the structure of closed ideals in a ring of functions. N. B. Levina. Vest. Mosk. Un. Ser. I Mat., mekh. 22 no. 6 70-77 N-D '67.
- Quasi-normalizers of elements of a finite group. L. F. Kosvintsev. Uch. zap. Perm. gos. un. no. 131:48-53 '66.
- Representation of a continuous group by unbounded operators. S. S. Sannikov. Dokl. AN SSSR 177 no. 6 1285-1288 D '67.
- Semidirect products of locally cyclic groups. G. S. Shevtsov. Uch. zap. Perm. gos. un. no. 131:78-80 '66.
- Semi-isomorphisms of semigroups with a law of contraction. L. N. Shvritin. Izv. AN SSSR, Ser. mat. 31 no. 5 957-964 S-O '67.
- Single-operation systems coordinating finite affine planes. N. K. Pukharev. Uch. zap. Perm. gos. un. no. 131:119-126 '66.
- Structure of tensors admitting a given invariance group. P. K. Rashevskii. Dokl. AN SSSR 177 no. 2 275-278 N '67.
- Subcommutative Q -rings. V. P. Elizarov. Mat. zam. 2 no. 6 689-694 '67.
- Slow p -subgroups of a complete linear group over a field. A. E. Zaleskii. Izv. AN SSSR, Ser. mat. 31 no. 5 1119-1158 S-O '67.
- Verbal subgroups of free groups. M. A. Buzinskii. Dokl. AN SSSR 177 no. 2 255-257 N '67.
- 519.48 ALGEBRAIC FIELDS, RINGS, IDEALS**
- The additive theory of ideals in systems containing quotients. V. A. Andriankirich, I. M. Ruzhnikov. Izv. AN SSSR, Ser. mat. 31 no. 5 1077-1070 S-O '67.
- Generalized semiordeled rings. G. I. Domracheva. Uch. zap. Nov. gos. ped. inst. 1 51-60 '60.
- Semiordeled fields. G. I. Domracheva. Uch. zap. Nov. gos. ped. inst. 1 61-69 '60.
- Single-operation systems coordinating finite affine planes. N. K. Pukharev. Uch. zap. Perm. gos. un. no. 131:119-125 '66.
- 519.5 THEORY OF SETS**
- Analytic capacity of sets in problems of approximation theory. A. G. Vitushkin. Usp. mat. nauk 22 no. 6 141-199 N-D '67.
- Arithmetical operations on some sets of duplexes. A. O. Shvlenko. Trudy Mat. inst. 93 187-201 '67.
- Assessment of the defect of a space. A. L. Loh. Dokl. AN SSSR 176 no. 6 1241-1246 O '67.
- Closed and open sets and constructive topological spaces. Phan Dinh Dieu. Trudy Mat. inst. 94 250-255 '67.
- The concept of rigorous ϵ -representability in general computation theory. S. I. Maslov. Trudy Mat. inst. 93 3-42 '67.
- Criterion of compactness in the spaces $H^1(\Omega)$, $H^1(\Omega)$, $H^1(\Omega)$, $H^1(\Omega)$. A. I. Guseinov, Kh. Sh. Mukhtarov. Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk no. 3/4 115-121 '67.
- Dedekind's contribution to the theory of sets. I. A. Madvedov. Ist. i metod. ost. nauk no. 6 102-109 '66.
- Derivation of optimal continuity regulators for constructive functions. A. O. Shvlenko. Trudy Mat. inst. 93 208-249 '67.
- Existence of the best approximation of functions by sums of a finite number of plane waves of given direction in the L_p metric. Dokl. AN SSSR 176 no. 6 1215-1220 O '67.
- Interpolation of functions regular on closed sets. V. A. Baranova. Dokl. AN SSSR 176 no. 6 1221-1221 O '67.
- Length of a dead-end disjunctive normal form. V. V. Glagolev. Mat. zam. 2 no. 6 665-672 '67.
- A nonlinear space. K. P. Pervinskii. Vest. AN Kazakh SSR 21 no. 8 40-54 Ag '67.
- On a language of constructive mathematics connected with systems of sets. Phan Dinh Dieu. Trudy Mat. inst. 93 123-141 '67.
- On ϵ -entropy of Arzelav's compacta of functions given on closed sets of a positive Lebesgue measure. A. I. Timan. Dokl. AN SSSR 177 no. 2 205-207 N '67.
- On some types of continuity of constructive operators. V. P. Olovkov. Trudy Mat. inst. 93 161-166 '67.
- Perfect mappings and spaces of the denumerable type. Choban. Vest. Mosk. Un. Ser. I Mat., mekh. 22 no. 6 87-91 N-D '67.
- Projection methods for determining the generic point of convex sets. L. G. Gurin, B. T. Poljak, I. V. Itsk, Zhur. vych. mat. i nat. fiz. 7 no. 8 1211-1220 N-D '67.
- Representation of denumerable sets by local computability. S. I. Maslov. Trudy Mat. inst. 93 43-49 '67.
- 519.9 INFORMATION THEORY AND CYBERNETICS**
- Conference on Machine Storage, Retrieval and Dissemination of Information held in Rome. A. I. Cherny. Vest. AN SSSR 37 no. 12 61-63 D '67.
- Frolov, S. A. [Cybernetics and engineering graphics] Kibernetika i inzhenernaya grafika. Moskva, "Mashinostroenie," 1967. 189 p.
- Human engineering in a present-day science. F. I. Orlov, G. Sukhodol'skii. Tyl. snab. Sov. Vost. Sib. 2 74-78 S '67.
- Information theory in geography. A. A. Dmitriev. Vest. Mosk. un. Ser. 5 Geog. 22 no. 5 89-103 S-O '67.
- Problems affecting studies on approximate numbers in a system of residual classes. V. Kh. Khatskevich. AN Gruz. SSR 48 no. 2 287-292 N '67.
- [Problems in the psychology of engineering] Problemy inzhenernoi psikhologii. Moskva, "Nauka," 1967. 198 p.
- Scientific Information. Kibernetika no. 6:90-93 N-D '67.
- Significance of methods of formal analysis of historical written languages. I. A. Shneider. Preh. i anal. inform. 3 no. 4 89-97 O-D '67.
- Transformation of a microprogram. A. T. Mishchenko. Kibernetika no. 6:74-14 N-D '67.
- 52 ASTRONOMY, SURVEYING, GEODESY**
- Philosophical boundaries of astronomy. A. E. Voskresenskii. Zem. i vol. no. 4 55-58 Ji-Ag '67.
- Plenum of the Central Council of the All-Union Astronomical and Geodetic Society. Zem. i vol. no. 4 80-81 Ji-Ag '67.

521 THEORETICAL ASTRONOMY

- Analytical theory of the motion of a spaceship toward the moon. M. S. Akrov-Ivanov. *Trudy GAISS* 36:28-160 '67.
- Determining the inertial system in astronomy. V. V. Nesterov, V. V. Podobed. *Vest. Mosk. un. Ser. 3 Fiz., astron.* no. 5:50-55 S-O '67.
- Limited solutions to the generalized problem of two stationary centers. F. P. Aksenov. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 22 no. 6:68-74 N-D '67.
- Partial solution of the generalized problem of two stationary centers. V. P. Gritchev. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 22 no. 6:10-18 N-D '67.
- Secular and long-period perturbations of the satellite of an axisymmetric planet. E. P. Aksenov. *Trudy GAISS* 36:161-186 '67.

522 PRACTICAL ASTRONOMY

- Astronomical observations in September and October of 1967. A. D. Marlenko, V. I. Zabolotniy. *Zem. i vesl.* no. 1:69-72 JI-Ag '67.
- Construction of load-distributing appliances for astronomical mirrors with elastic fastening of the supports. V. S. Plotnikov and others. *Opt.-mekh. prom.* 34 no. 10:37-39 O '67.
- Errors of optical micrometers of the measuring instruments. V. A. Il'yevich. *Bud. sta. opt. nabl. isk. sput. Zem.* no. 19:23-25 '67.
- Experimental determination of the accuracy of combination of star images and the planetary edge in telescopes of different parameters. L. P. Osipova, P. A. Sokolovskiy. *Opt.-mekh. prom.* 34 no. 11:52-55 N '67.
- From the history of Soviet Astronomy (1910-1950): brief notes, documentary photographs. P. G. Kulikovskiy. *Zem. i vesl.* no. 1:17-23 JI-Ag '67.
- Interstellar hydroxyl molecules. I. S. Shklovskiy. *Vest. Mosk. un. Ser. 3 Fiz., astron.* no. 5:56-61 S-O '67.
- System of programmatic control of an optical azimuthal telescope. A. S. Naishul', P. M. Neplokhov. *Opt.-mekh. prom.* 34 no. 8:20-25 S '66.
- Tube of a homemade telescope and its installation. A. N. Pod'lipol'ukh. *Zem. i vesl.* no. 1:72-79 JI-Ag '67.

522(575.1)—Uzbek S.S.R.

- Development of astronomical research in Uzbekistan. V. P. Shcheglov. *Vest. AN SSSR* 37 no. 12:33-35 D '67.
- Smartanda Ulughbek Observatory. V. P. Shcheglov. *Zem. i vesl.* no. 4:62-66 JI-Ag '67.

523.03 ASTROPHYSICS

- Effect of vibrations on the proceeding of transfer processes under conditions of weightlessness. A. S. Povtchuk, L. A. Lubin. *Kosm. issl.* 5 no. 6:921-929 N-D '67.
- Problems of relativistic astrophysics. I. D. Novikov. *Zem. i vesl.* no. 4:50-61 JI-Ag '67.
- Spectroscopy and astronomy. V. K. Prokof'ev. *Zhur. prikl. optiki* 7 no. 1:460-185 O '67.
- Fernald's method for rectangular equatorial coordinates. I. A. Il'yev. *Bud. sta. opt. nabl. isk. sput. Zem.* no. 19:13-18 '67.

523.1 UNIVERSE AND ITS STRUCTURE. COSMOLOGY. SPACE

- Cosmic studies in the U.S.S.R. B. N. Petrov. *Vest. AN SSSR* no. 11:50-71 N '67.
- Present-day problems of relativistic mechanics. G. N. Doboshin. *Trudy GAISS* 36:3-22 '67.

523.16 VARIOUS COSMIC PHENOMENA: DUST, RAYS, ETC.

- Conference on Problems in Cosmic Ray Research held in Canada. N. A. Doboshin. *Vest. AN SSSR* 37 no. 12:53-57 B '67.
- Density fluctuations of the Cherenkov radiation in extensive air showers on sea level. N. N. Kalmykov. *Izv. fiz.* 8 no. 3:1019-1022 N '67.
- Elementary particles and cosmic rays. *Elementarnye chastitsy i kosmicheskie luchy. Sbornik statei. Pod red. V. A. Bezusa i I. L. Rozentalia.* Moskva, Atomizdat, 1967. 157 p.
- Moments of shower curves in iron and lead. I. U. A. Fazel'yanov, I. U. T. Lukin, K. A. Amanov. *Trudy Inst. rad. fiz. AN Kazakh. SSR* 7:67-80 '68.
- Observations of scattered L_{α} -radiation near the earth and in the interplanetary space. V. G. Kuit. *Kosm. issl.* 5 no. 6:911-920 N-D '67.
- Observations of the radio-frequency radiation from the sun on long waves by means of artificial moon satellites "Luna-11" and "Luna-12." V. I. Slyazh. *Kosm. issl.* 5 no. 6:997-910 N-D '67.
- Recording of electrons at the energy above 30 Kev. in the circumlunar space. N. L. Grigorov and others. *Kosm. issl.* 5 no. 6:891-896 N-D '67.
- Recording of solar cosmic rays toward the artificial moon satellite "Luna-11." N. L. Grigorov and others. *Kosm. issl.* 5 no. 6:940-948 N-D '67.
- Spectrum of nuclear-active particles at the altitude of 3200 m. above sea level. N. L. Grigorov, V. I. A. Sheshteporov. *Vest. Mosk. un. Ser. 3 Fiz., astron.* no. 5:41-49 S-O '67.
- Thermal radio emission from the Milky Way. I. U. N. Parfiskiy, N. M. Lipovka. *Vest. AN SSSR* 37 no. 12:24-32 D '67.

523.2 SOLAR OR PLANETARY SYSTEM ORIGIN, ETC.

- Destruction of meteoric bodies in the atmosphere. I. U. L. Faldento. *Fiz. gor. i varyva* 3 no. 2:276-280 Je '67.
- The problem of energy concentration in the explosion of the Tunguska cosmic body. A. V. Zolotov. *Zhur. tekh. fiz.* 37 no. 11:2089-2094 N '67.
- Secular and long-period perturbations of the satellite of an axisymmetric planet. E. P. Aksenov. *Trudy GAISS* 36:161-186 '67.
- Some regular features in the distribution of asteroids and fragments of the original large bodies as apparent from their physical and orbital properties. G. F. Sultanov. *Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk* no. 3/4:73-80 '67.
- Veskhviatskii, S. K. [Comets in 1961-1965]. *Komety, 1961-1965 gg.* Moskva, "Nauka," 1967. 85 p.

523.3 THE MOON

- Crystals on the surface of the moon. G. B. Dokli. *Kosm. issl.* 5 no. 6:953 N-D '67.
- Gamma radiation from the moon and the composition of lunar rocks by the tests made aboard the space station "Luna-10." A. P. Vinogradov and others. *Kosm. issl.* 5 no. 6:874-880 N-D '67.
- Self-propelled devices on the moon. G. Pokrovskiy. *Kryl. i od.* 18 no. 8:31 Ag '67.

523.7 THE SUN

- Assembly on the results of the International Year of the Quiet Sun held in London. N. V. Pushkov, I. I. Zhulin. *Vest. AN SSSR* 37 no. 12:50-52 '67.
- Connection between magnetoacoustic resonance and the reflection of plane magnetoacoustic waves from the magnetosphere boundary. L. L. Van'tan, V. A. Il'dovich. *Kosm. issl.* 5 no. 6:914-945 N-D '67.
- Evaluating the proton temperature of an interplanetary plasma by means of data obtained by the space vehicle "Venera-3." T. K. Meus, K. I. Gupazov. *Kosm. issl.* 5 no. 6:918-950 N-D '67.
- Potential acceleration of heavy nuclei in the generation process of solar cosmic rays. L. V. Kurnosova and others. *Kosm. issl.* 5 no. 6:867-873 N-D '67.
- Rare solar eclipses. A. A. Kaverin. *Zem. i vesl.* no. 4:73, 15 JI-Ag '67.
- Some problems bearing on the mechanisms underlying solar flares and the genesis of energy. R. E. Guseinov. *Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk* no. 3/4:57-63 '67.
- X-ray radiation of the sun. S. L. Mandel'shtam. *Zem. i vesl.* no. 4:2-10 JI-Ag '67.

523.8 STARS

- Characteristics of the spectra of the variable stars GW Ori and RV Tau. Z. A. Ismailov. *Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk* no. 3/4:64-72 '67.
- Porfiryev, V. V. [Mysteries of the stars]. *Talemytisl zhiok. Kyiv, "Naukova dumka," 1965. 77 p.* (Naukovopopul'naya literatura).

525 THE EARTH (CONSIDERED ASTRONOMICALLY)

- Albedo of the land surface of the earth. V. V. Mukhenberg. *Trudy GGO* no. 103:24-36 '67.
- Damping of the earth's radial vibrations. V. N. Zharkov, V. M. Lubimov. *Dokl. AN SSSR* 177 no. 2:318-321 N '67.
- Phase transitions and critical phenomena taking place in the earth's crust. M. V. Avdulov, V. K. Semenchenko. *Dokl. AN SSSR* 177 no. 6:1310-1319 D '67.
- Theory of determining the figure and dimensions of the earth from satellite observations. A. A. Izotov. *Izv. vys. ucheb. zav., geod. i aerof.* no. 3:3-11 '65.
- Equations describing the general circulation in the upper atmosphere. M. N. Izakov. *Dokl. AN SSSR* 177 no. 6:1324-1327 D '67.
- Estimate of the negative ion concentration in the D-region of the ionosphere. G. S. Ivanov-Kholodny. *Dokl. AN SSSR* 177 no. 6:1328-1329 D '67.
- Extinction of collimated light beams in scattering media. M. V. Kabanov. *Izv. vys. ucheb. zav., fiz.* 10 no. 8:26-30 '67.
- Kolchinskii, I. G. [Refraction of light in the earth's atmosphere. Review]. *Refraktsiya sveta v zemnoi atmosfere. Obzor.* Kiev, "Naukova dumka," 1967. 44 p.
- Measurement of atmospheric absorption within the wavelengths $\lambda = 1.8-0.87$ mm. L. M. Kukin, L. V. Lublako, L. I. Fedoseev. *Izv. vys. ucheb. zav.; radiofiz.* 10 no. 8:747-756 '67.
- On cloud and fog droplets charged by diffusion. N. S. Shishkin. *Dokl. AN SSSR* 178 no. 6:1288-1291 O '67.

527 NAVIGATION

- Active variant of an angular-distance measuring navigation satellite system. E. N. Porevzentsev. *Trudy TSNIMF* no. 69:44-48 '66.
- Adjusting indirect interconnected measurements by the least quadratic form method. V. T. Kondrashikhin. *Trudy TSNIMF* no. 69:10-38 '66.
- Azimuth or radio station true angle of approach? N. Adamovich. *Grazhd. av.* 24 no. 9:28-29 S '67.

- Calling. A. Mal'kov. *Sov. voen.* 49 no. 23:18-19 D '67.
- Determining the location of a ship by the continuous optimal filtration of position lines. A. A. Ignatov, S. P. Dmitriev. *Trudy TSNIMF* no. 69:10-18 '66.
- Flying as flying. A. Mandugin. *Grazhd. av.* 24 no. 9:10-5 '67.
- He chose the sky... D. Vlasov. *Sov. voen.* 49 no. 15:22-24 Ag '67.
- He who desires something will achieve his goal. V. Nakopila. *Kryl. i od.* 18 no. 11:14 N '67.
- An important quality of a pilot. S. A. Medvedev. *Vest. protivovozd. obor.* no. 12:33-35 D '67.
- Methods of smoothing out navigation measurements. I. V. Kononov. *Trudy TSNIMF* no. 69:19-41 '66.
- Modeling the algorithm of automatic tracking of several targets on the "Ural-2" electronic computer. I. V. Apantov and others. *Trudy TSNIMF* no. 69:72-80 '66.
- Navigation rules and safety of movements. A. Smoldyrev. *Rech. transp.* 26 no. 11:40-11 '67.
- Optimal systems of ship navigation. A. A. Iakushenkov. *Trudy TSNIMF* no. 69:1-9 '66.
- Problems in navigation. A. N. Rakhovetskii, V. A. Mikhail'skii, I. A. Kovalev. *Mor. sbor.* 51 no. 12:63-68 D '67.
- Psychology of a pilot's courage. V. A. Ponomarenko. *Vest. protivovozd. obor.* no. 9:12-16 S '67.
- Ship movements during meeting and overtaking. I. U. Mastushirin. *Rech. transp.* 26 no. 11:43-44 '67.
- Simplified method of plotting orthodromy. N. P. Mironov. *Mor. sbor.* 51 no. 12:59-63 D '67.
- Such is his work. Mikh. Golovenkov. *Grazhd. av.* 24 no. 11:22 N '67.
- A thirst for knowledge. V. Shipov. *Grazhd. av.* 24 no. 9:11 S '67.
- Training sessions with navigators and navigation officers. V. F. Buchenkov. *Vest. protivovozd. obor.* no. 8:44-46 Je '64.
- Work of the Navigation Bureau. G. Rovkin. *Rech. transp.* 26 no. 11:42 '67.

527(27)—Ocean Currents. Gulf Stream

- A modern presentation of the Gulf Stream. M. M. Kazanskii. *Mor. sbor.* 51 no. 12:69-72 D '67.

527(471.52)—Bashkir A.S.S.R.

- Party membership card No. 15185510. M. Melakhs. *Grazhd. av.* 24 no. 11:14 N '67.

528 GEODESY. SURVEYING. TRIANGULATION

- Accuracy of linear measurements. N. G. Vilnev. *Izv. vys. ucheb. zav., geod. i aerof.* no. 3:135-142 '65.
- Agricultural maps in voluminous regional atlases. M. I. Nikushov. *Geod. i kart.* no. 12:61-65 D '67.
- Altitude indicators and X and Y reducers in stereographs. F. V. Drobyshev. *Geod. i kart.* no. 3:8-15 Mr '65.
- Analysis of the accuracy in tying in pairs of points by resection using two control points. A. I. Bolotin. *Izv. vys. ucheb. zav., geod. i aerof.* no. 3:37-42 '65.
- Analytic method of acrotriangulation developed by the Central Scientific Research Institute of Geodesy, Aerial Surveying, and Cartography. *Geod. i kart.* no. 3:3-8 Mr '65.
- Analytical multistrip stereophototriangulation. A. N. Lobanov. *Geod. i kart.* no. 12:30-46 D '67.
- Analyzing the accuracy of traverse elements. I. U. I. Markuze. *Izv. vys. ucheb. zav., geod. i aerof.* no. 3:63-72 '65.
- Comparison of random vectors. I. U. M. Neiman. *Izv. vys. ucheb. zav., geod. i aerof.* no. 3:73-85 '65.
- Determining the covalency of transverse wall panels using the photogrammetrical method. V. M. Serdukov. *Geod. i kart.* no. 12:46-51 D '67.
- Economic efficiency of the engraving method. N. A. Volodchenko. *Geod. i kart.* no. 12:56-61 D '67.
- The ESD expeditionary stereograph. F. V. Drobyshev. *Izv. vys. ucheb. zav., geod. i aerof.* no. 3:103-110 '65.
- Establishing permanent surveying bases on urban territory. L. S. Khrenov, B. I. Kos'kov. *Geod. i kart.* no. 3:35-37 Mr '65.
- Experience gained in high-precision angular measurements in a closed room. D. Sh. Mikheliev. *Geod. i kart.* no. 12:24-30 D '67.
- Experience gained in using offset colors on a synthetic binding agent for map printing. V. D. Lukin, P. I. Chinchuk. *Geod. i kart.* no. 12:69-72 D '67.
- Field tests of a TPR theodolite. V. M. Zimin. *Geod. i kart.* no. 12:13-17 D '67.
- [50 years of Soviet geodesy and cartography] 50 let sovetskoi geodezii i kartografii. Moskva, "Nedra," 1967. 446 p.
- Formulae for solving the two principal geodetic problems for long distances. M. Andreev. *Izv. vys. ucheb. zav., geod. i aerof.* no. 3:33-36 '65.
- Leveling off a geometrical model of the turbulent sea surface. I. U. S. Tufilin. *Izv. vys. ucheb. zav., geod. i aerof.* no. 3:121-125 '65.
- Leveling rod with sliding scale and heel. N. K. Tikhonluk. *Geod. i kart.* no. 3:37-39 Mr '65.

- Initial information on physics in elementary schools. Report No. 1. Contents of an experimental program, teaching methodology, and an evaluation of knowledge and results of experimental instruction. A. V. Usova, E. N. Chistova. Nov. 1941. *ped. nauk*, no. 9: 39-36 '67.
- Intensification of students' mental activity in practical physics lessons in secondary schools. L. I. Antiferov. *Nov. issl. v ped. nauk*, no. 9: 26-29 '67.
- Kuznetsov, B. G. [Physics and economics] *Fizika i ekonomika*. Moskva, "Nauka," 1967. 85 p.
- Nazarov, A. M. [Collection of problems in physics] *Sbornik voprosov i zadach po fizike*. Moskva, "Vyssh. shkola," 1966. 199 p.
- Physics is in the schedule. V. Sperantov. *Sem. ta i shkola*, 22 no. 11: 39-41 N '67.
- Role of the history of the physicomathematical sciences in the development of modern science. B. V. Gnedenko, *Isk. i metod. est. nauk*, no. 5: 5-14 '66.
- Sakharov, D. I. [Collection of problems in physics] *Sbornik zadach po fizike*. Izd. II-e. Moskva, "Prosvyeshchenie," 1967. 287 p.
- Scientific Conference on some Physical and Mathematical Problems held at Kabardino-Balkarian State University. I. M. Karasev. *Uspehi, mat. nauk*, 2 no. 6: 268-270 N-D '67.
- Soviet achievements in the physicomathematical and mathematical science. Ch. M. Dzhuvariv. *Izv. AN Azerb. SSR, Ser. Fiz.-tekh. i mat. nauk*, no. 3/4: 3-14 '67.
- Theoretical physics at Moscow University during 50 years. V. L. Bonch-Bruyevich. *Vest. Mosk. un. Ser. 3 Fiz., astron.* no. 5: 5-11 S-O '67.
- Use of electron tubes in a physics course at secondary schools. T. A. Smolodina. *Uch. zap. Nov. gos. ped. inst.* 170-84 '60.
- Uzhgorodskii gosudarstvennyi universitet [Summaries of papers for the 19th scientific conference, physics series, September 1965] *Tezisy dokladov k XIX nauchnoi konferentsii, seriya fizicheskaya, sentyabr' 1965 g.* Uzhgorod, 1965. 129 p.
- 53(574)—Kazakh S. S. R.
The First Kazakhstani Conference on the Problems of General and Applied Physics. S. Chanyshov. *Vest. AN Kazakh SSR* 23 no. 9: 74 S '67.
Work of the Scientific Council on "The physics of solids and thermophysics." M. Korsunskii, S. Chanyshov. *Vest. AN Kazakh SSR* 23 no. 8: 71-72 Ag '67.
- 53.07 EQUIPMENT, APPARATUS, MODELS, ETC.
Calculating plates of varying rigidity by electric modelling. I. M. Pochman, V. D. Shaikhet. *Stroi. mekh. i rasch.* no. 9 no. 5: 33-36 '67.
- 53.08 MEASUREMENT PRINCIPLES, METHODS
Development of estimation-by-sight in secondary schools. Report No. 3. Results of training in estimation-by-sight. E. V. Zelenin. *Nov. issl. v ped. nauk* no. 9: 54-59 '67.
Draft of a standard for units of measurement. I. P. Stotskii. *Stand. i kach.* 31 no. 9: 15-18 S '67.
Most advantageous pressure drop distribution in a gas gathering network of variable diameter. V. G. Polozkov, L. E. Gavrilov. *Gaz. delo* no. 12: 11-13 '67.
Sedov, L. I. [Similarity and dimensionality methods in mechanics] *Metody podobnii i razmernosti v mekhanike*. Izd. 6-e, dop. Moskva, "Nauka," 1967. 428 p.
Some methods for weighing loads using crane scales. V. V. Skalev, A. B. Kungurisev. *Izv. vys. ucheb. zav.*, prib. 10 no. 11: 81-85 '67.
State of standardization of measurement units of physical values in member countries of the Mutual Economic Assistance Council. C. I. Volodin. *Stand. i kach.* 31 no. 9: 83-86 S '67.
Study of the operation of a compensator of inductive noises. I. M. Osipov. *Izv. vys. ucheb. zav.*, prib. 10 no. 11: 13-17 '67.
- 530.12 RELATIVITY PRINCIPLE
On the necessity of an extensive programmed observation of the Einstein effect. S. V. Drozdov. *Uch. zap. Nov. gos. ped. inst.* 144-50 '60.
Transition of an internal system from one state of motion to another. Sh. M. Valiev. *Izv. AN Uz. SSR, Ser. fiz., mat. nauk* 11 no. 6: 70-72 '67.
- 530.145 QUANTUM THEORY, WAVE MECHANICS
Applicability criterion for the Born approximation in structural electron diffraction. V. F. Dvorlankin, A. I. Mitagin, S. A. Akhundov. *Kristallografiya* 12 no. 4: 579-583 Ji-Ag '67.
Axiomatic model of quantum field theory. D. A. Slavnov. *Zhur. eksp. i teor. fiz.* 53 no. 5: 1841-1849 N '67.
Cooperative luminescence of condensed media. V. V. Ovsiankin, P. P. Feofilov. *Zhur. prikl. spekt.* 7 no. 4: 408-506 O '67.
Emission of a relativistic charge in the electromagnetic field of a plane wave. I. M. Ternov and others. *Izv. vys. ucheb. zav.*, fiz. 10 no. 8: 77-84 '67.
Energy spectrum of odd-odd nuclei. V. M. Osadchiov, M. A. Troitskii. *Iad. fiz.* 6 no. 5: 961-968 N '67.
Excitation and ionization of heliumlike atoms in β -decay. G. A. Skorobogatov. *Iad. fiz.* 6 no. 5: 935-944 N '67.
Four-dimensional unitary relativistic model of the quantum field theory without divergence. M. K. Volkov. *Iad. fiz.* 6 no. 5: 1100-1110 N '67.
- Infinite dimensional representations of the rotation group. S. S. Sannikov. *Iad. fiz.* 6 no. 5: 1084-1072 N '67.
Instability of self-focusing of light. V. F. Zhurav. *Zhur. eksp. i teor. fiz.* 53 no. 5: 1735-1743 N '67.
Local properties of nonrenormalizable theories. S. S. Khovuzhii. *Dokl. AN SSSR* 177 no. 2: 306-309 N '67.
Mechanism of the energy equilibrium in nonlinear ferromagnetic resonance. I. A. Mononov. *Zhur. eksp. i teor. fiz.* 53 no. 5: 1650-1656 N '67.
Medvedev, B. V., and M. K. Polivanov. [Formulation of an adiabatic hypothesis in the axiomatic field theory] *for mullirove adiabatscheskoi gipotezy v aksiomaticheskoi teorii polia*. Kiev, 1967. 13 p.
Medvedev, B. V., M. K. Polivanov, and A. D. Sukharov. [Spectral representations and field renormalization] *Spektral'nye predstavleniia i porenormirovaniia*. Kiev, 1967. 22 p.
On the "impedance" regime of a three-level system. M. E. Gertsenshtein. *Izv. vuz. ucheb. zav.*, fiz. 10 no. 6: 802-805 '67.
Photoelastic modulators of the infrared range in a germanium crystal. N. K. Marchuk and others. *Vest. Mosk. un. Ser. 3 Fiz., astron.* no. 5: 110 N-D S-O '67.
Quantum distribution of the envelope curve of a quanta-monic signal on a background of Gaussian noise. I. I. Stratonovich. *Probl. pered. inform.* 3 no. 4: 60 O-D '67.
Quantum oscillations of the photoelectric coefficient in n-InSb in a strong magnetic field. R. V. Tarasov, I. Farshatov, S. S. Shalyt. *Zhur. eksp. i teor. fiz.* 53 no. 5: 1571-1581 N '67.
Quantum theory of resonance and relaxation of a crystal in an ultrasound in paramagnetic crystals. A. K. Morozov. *Zhur. eksp. i teor. fiz.* 53 no. 5: 1616-1618 N '67.
Quantum theory of the scalar field with a nontrivial source. M. I. Shirokov. *Iad. fiz.* 6 no. 6: 1222-1224 D '67.
Regular disturbances in the representation of free-field quantization. I. M. Barban. *Dop. AN URSS, Ser. A* 2 no. 11: 1001-1005 N '67.
Relativistic corrections to the levels of many-electron atoms. M. A. Braum, L. N. Labzovskii. *Zhur. eksp. i teor. fiz.* 53 no. 5: 1770-1788 N '67.
Resonance interaction between two identical dipole emitters. V. L. Lushchik. *Zhur. eksp. i teor. fiz.* 53 no. 5: 1630-1640 N '67.
Resonance photoelastic light modulator on an anisotropic diphosphoric crystal. V. B. Baglikov, A. A. Parygin. *Vest. Mosk. un. Ser. 3 Fiz., astron.* no. 5: 110-120 S-O '67.
Stationary and nonstationary quantum problems solved by the contour integral method. I. N. Demekko, V. I. Oshorov. *Zhur. eksp. i teor. fiz.* 53 no. 5: 1301-1301 N '67.
Test of the quantum electrodynamics by the electron-electron scattering. G. I. Budker and others. *Iad. fiz.* 6 no. 6: 1221-1226 D '67.
Theory of Compton scattering of polarized photons by a particle with spin 1/2. A. B. Kukinov, A. A. Anisimov. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 2 no. 6: 101 N-D '67.
Theory of the electron paramagnetic resonance lines of impurity centers in nonmetallic crystals. M. S. Glinchuk, M. F. Delgen. *Zhur. eksp. i teor. fiz.* 53 no. 5: 1657-1661 N '67.
Transfer effects in a system of two interacting Fermi gases. Part I. S. B. Anokhin, A. S. Kondrat'ev. *Vest. LGU* 22 no. 16: 36-44 Ag '67.
Use of the Wentzel-Kramers-Brillouin method in the quantum theory of molecular decay. G. V. Fedotkin. *Vest. LGU* 22 no. 16: 24-37 Ag '67.
- Zay'ntov, O. I., and A. A. Slavnov. [Generalized algebra of currents and the additivity hypothesis] *Osnovnye naina algebr tokov i gipoteza additivnosti*. Kiev, 1967. 9 p.
- 530.17 SIMILARITY PRINCIPLE, ANALOGIES
Sedov, L. I. [Similarity and dimensionality methods in mechanics] *Metody podobnii i razmernosti v mekhanike*. Izd. 6-e, dop. Moskva, "Nauka," 1967. 428 p.
- 530.19 THEORY OF POTENTIAL
Equivalent local potential. S. S. Gorodkov. *Iad. fiz.* 6 no. 5: 945-948 N '67.
- 531 MECHANICS
Approximate integration of Rayleigh's equation with any nonlinearity. V. V. Kazakovich. *Dokl. AN SSSR* 177 no. 2: 201-204 N '67.
Bat', M. I., G. Yu. Dzhanalidze, and A. S. Kel'zon. [Theoretical mechanics in examples and problems] *Teoreticheskaya mekhanika v primerakh i zadachakh*. Pod red. G. Yu. Dzhanalidze i D. E. Merkina. Izd. 5-e, pererab. Moskva, "Nauka," 1967. 512 p.
T. I. [Statics and kinematics] *Statika i kinematika*. Moskva, 1967. 512 p.
- Berezkin, E. N. [Lectures on theoretical mechanics] *Lektsii po teoreticheskoi mekhanike*. Moskva, Izd. Mosk. un-ta, 1967. 314 p.
Ch. 1. [Kinematics, statics, point dynamics] *Kinematika, statika, dinamika tochki*. 1967. 314 p.

General theorems of mean values of statistical mechanics in a quasi-classical approximation. Nguyen Tang. *Vest. Mosk. un. Ser. 3 Fiz., astron.* no. 5 64-71 S-O '67.

Information on the meeting of the National Committee of the U.S.S.R. on Theoretical and Applied Mechanics and the Scientific Council on General Mechanics. *Mekh. i ver. tel.* no. 4 181-184 J1-Ag '67.

Mechanics of the U.S.S.R. A. Ishlinskii. *V. mire knig* 7 no. 11, 20-21 '67.

Stress concentration near an asymmetrically reinforced hole in a plate. O. P. Tarasenko. *Dop. AN URSR, Ser. A* 23 no. 12 1107-1111 D '67.

Synthesis of the grab link mechanism of an amateur motion-picture camera. N. P. Tyrsa. *Izv. vyz. ucheb. zav., prib.* no. 10 73-76 '67.

Work of the Scientific Research Seminar on the History of Mathematics and Mechanics held at Moscow State University (1956-1967). S. S. Demidov, Kh. O. Ondar. *Usp. mat. nauk* 22 no. 6:253-265 N-D '67.

531(471, 310)—Moscow City

Studies at the Mechanics Institute at Moscow University. S. S. Gligorian. *Vest. Mosk. un. Ser. 1: Mat., mekh.* 22 no. 6:61-69 N-D '67.

531.1 KINEMATICS

Antithetical theory of the motion of a spaceship toward the moon. M. S. Iarov. *Izvestiya* 36 20-190 '67.

Kinetics of the isotopic exchange of deuterium with the hydroxyl groups $\gamma\text{-Al}_2\text{O}_3$ in a gamma radiation field. G. M. Doldze and others. *Soch. AN Gruz. SSR* 40 no. 2, 303-310 N '67.

531.3 DYNAMICS. KINETICS

Axial direct component of centrifugal force of dynamically nonbalanced rotor in a gimbal arrangement. V. I. Ustysil. *Izv. vyz. ucheb. zav., prib.* no. 10 57-60 '67.

Coupled motions of Poincaré coupled pendulums with different mass. V. S. Selezneva. *Trudy Ural. politekh. inst.* no. 151 7-11 '67.

Compensation of errors caused by the tilt of a gyro compass. M. A. Stigeev. *Izv. vyz. ucheb. zav., prib.* 9 no. 1 125-130 '66.

Contribution to the theory of gaseous brakes. V. G. Kreshet. *Vest. Mosk. un. Ser. 1: Mat., mekh.* 22 no. 6:110-125 N-D '67.

Damping oscillations of a double pendulum. M. D. Kochina. *Trudy Ural. politekh. inst.* no. 151 12-21 '67.

Design and construction of elements of gyroscopic devices. Raschet i projektirovanie elementov giroskopicheskikh ustroystv. Leningrad, "Mashinostroyeniye," 1967 478 p.

Influence of vibration of the base on the accuracy of a gyrocompass with torsion suspension. A. I. Korolev, A. V. Sazonov. *Izv. vyz. ucheb. zav., prib.* no. 10 69-72 '67.

Gyroscopic meter of integral direction of the vector of an aerodynamic moment. V. U. Torokhov. *Izv. vyz. ucheb. zav., prib.* 9 no. 1:137-140 '66.

Modeling of nonlinear gyroscopic systems. V. G. Voronov, R. I. Solntsev. *Izv. vyz. ucheb. zav., prib.* 9 no. 1 119-121 '66.

Motion of a gyroscope with nonorthogonal axis of gimbal. G. M. Beliaeva. *Izv. vyz. ucheb. zav., prib.* 10 no. 11 65-68 '67.

Optimization of composite inertial navigation systems. F. P. Churakov. *Izv. vyz. ucheb. zav., prib.* 9 no. 1:111-116 '66.

Selection of parameters of a gyrotachometer. G. A. Kryzhanovskii. *Izv. vyz. ucheb. zav., prib.* 10 no. 11 61-65 '67.

Shock adiabatic curve for glass reinforced plastics at pressures not exceeding 130,000 atm. V. P. Valitskii, N. A. Zhitin, A. A. Kozhushko. *Zhur. tekhn. fiz.* 37 no. 11 2099-2101 N '67.

Some errors of inertial navigation systems. F. I. Silin, F. V. Safonova, A. D. Il'icheva. *Izv. vyz. ucheb. zav., prib.* 9 no. 1:114-118 '66.

Some problems bearing on the mechanisms underlying solar flares and the genesis of energy. R. L. Guseinov. *Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk* no. 3:157-63 '67.

Some properties and utilization of a nonholonomic trihedron. A. A. Sakov. *Mekh. i ver. tela* no. 4:172-73 J1-Ag '67.

Some results of the study of nonlinear problems in the applied theory of gyroscopes during the past 50 years. N. V. Butenin, I. A. Lunts. *Izv. vyz. ucheb. zav., prib.* 10 no. 10:79-91 '67.

Use of a model of compressible fluid in calculating collisions of metallic bodies. A. N. Maiamov. *Vest. Mosk. un. Ser. 1: Mat., mekh.* 22 no. 6:109-113 N-D '67.

Use of the Hamilton-Ostrogradskii principle in solving problems in nonlinear vibration theory. N. V. Mitonov. *Prikl. Mat. i mekh.* 31 no. 6 1110-1116 N-D '67.

Using integration methods in the studies of the dynamics of drilling tools. A. D. Sepiasivili, G. M. Dialnov. *Izv. vyz. ucheb. zav., prib.* no. 11 41-40 '67.

531.4 WORK. FRICTION

Conditions of reproducing the friction process of friction disks on marine reverse reduction gear, using small models. V. A. Kulikov. *Trudy LITV* no. 9:27-30 '67.

Experimental study of the work of split gauges for measuring friction forces during upsetting. V. N. Svidenko, A. A. Presniakov. *Trudy Inst. iad. fiz. AN Kazakh SSR* 8 19-29 '67.

Investigating the external friction during cold rolling. I. U. V. Zhurkin. *Stal'* 27 no. 12 1110-1111 D '67.

Reduction of friction in turbulent flow of a solution of polyvinyl alcohol. V. S. Zaymalova, G. F. Kobets. *PMTF* no. 5 133-134 S-O '66.

Variation in the contact area of solid bodies in the case of close approach. N. M. Mikhlin, I. V. Kragelskii. *Dokl. AN SSSR* 176 no. 6 1285-1287 O '67.

531.5 GRAVITATION. BALLISTICS

Choice of parameters of symmetric cross bonds of a two-channel system. G. A. Bendrikov, V. L. Ogorodnikova. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 22 no. 6 111-112 N-D '67.

Covariant method of infinitesimal translations. V. N. Folomeshtin. *Izd. fiz.* 6 no. 5 1080-1083 N '67.

Influence of shape of the contact surface of the blade on the period of swing of a gravimetric pendulum. V. L. Panteleev. *Trudy GIMF* 36 197-220 '67.

Global gravity variations with time. E. F. Potladi, I. M. Pudovkin, G. E. Valueva. *Dokl. AN SSSR* 177 no. 6 1330-1332 D '67.

Minor oscillations in an isothermal nonuniformly compressible gravitating medium of cylindrical symmetry. R. S. Oganesyan. *Izv. AN Arm. SSR Fiz.* 2 no. 1 266-273 '67.

Simultaneous physical singularity in a space filled by a dust-like medium. L. P. Gilyshchuk. *Zhur. eksp. i teor. fiz.* 53 no. 5:1699-1707 N '67.

Study of the critical state of a liquid with the aid of gravitational waves. M. Sh. Giteiman. *Dokl. AN SSSR* 177 no. 6 1298-1301 D '67.

Use of an electronic digital computer in calculating the planetary characteristics of the earth's gravitational field. V. V. Baryk, G. A. Kharkevich. *Izv. vyz. ucheb. zav., prib.* no. 1 95-101 '65.

531.6 MECHANICAL ENERGY. CONSERVATION. IMPACT

Experimental study of a normal impact against a flexible membrane. V. S. Polovtseva. *Vest. Mosk. un. Ser. 1: Mat., mekh.* 22 no. 6:114-119 N-D '67.

Problem involving a double layer in dielectrics subjected to impact compression. A. G. Ivanov, E. Z. Novitskii. *PMTF* no. 5 104-107 S-O '66.

Potential energy of deformation in solid solutions. V. E. Panin, V. P. Sukhovatov, D. F. Dudarov. *Izv. vyz. ucheb. zav., prib.* 10 no. 8 152-154 '67.

Rebound of a rigid body on impact with an elastic half-space. I. V. Simonov, L. M. Filman. *PMTF* no. 5:173-174 S-O '66.

Regeneration of kinetic energy. R. R. Dyali, I. V. Matikashvili, N. V. Gutia. *Vest. AN SSSR* 37 no. 12 41-43 D '67.

Spreading of a viscous droplet on impact. E. I. Andrianov. *PMTF* no. 5:142-145 S-O '66.

Study on the viscoelastic-plastic characteristic of polymer materials in the case of a transverse impact. K. A. Kerimov. *Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk* no. 1/4:105-101 '67.

531.7 GEOMETRICAL. MECHANICAL MAGNITUDES MEASUREMENTS, ETC.

Achievements in high-vacuum metrology. M. A. Gullacy, A. V. Frishkin. *Izm. tekhn.* no. 11 50-60 N '67.

Calculation of monometer springs with variable thickness of walls. M. P. Shumekil. *Izv. vyz. ucheb. zav., prib.* 9 no. 1:101-108 '66.

Certain work moments of spot dynamometers. A. A. Presniakov. *Trudy Inst. iad. fiz. AN Kazakh SSR* 8 1-8 '67.

Continuous control of the pressure on draw dies in the wire drawing process. B. V. Bespalov, I. G. Gintman, V. M. Pustynnikov. *Trudy Inst. iad. fiz. AN Kazakh SSR* 8 76-79 '67.

Design and operation of a device recording stresses during rolling in conditions of the Balkhash Nonferrous Metal Plant. I. U. P. Mitonenko, A. A. Presniakov. *Trudy Inst. iad. fiz. AN Kazakh SSR* 8 36-69 '67.

Device for measuring drawing stresses in industrial conditions. A. Vinnitskii and others. *Trudy Inst. iad. fiz. AN Kazakh SSR* 8 73-75 '67.

Device for measuring heads and inside calipers with a 0.001 and 0.002 mm scale division. E. P. Ianushkevich. *Izm. tekhn.* no. 8:76-78 Ag '67.

Device for the marking of imprints of a chronograph. B. I. Krasnov, D. M. Fukalov. *Biul. sta. opt. nabl. isk. sput. Zem.* no. 49 27-29 '67.

Devices for controlling the rectilinearity and planeness of large surfaces. O. D. Bychkov. *Vest. mashinost.* 47 no. 11:58-59 N '67.

Error of capacitive displacement transducers. V. I. Tar-takovskii. *Izm. tekhn.* no. 8:17-20 Ag '67.

Experimental study of the work of split gauges for measuring friction forces during upsetting. V. N. Svidenko, A. A. Presniakov. *Trudy Inst. iad. fiz. AN Kazakh SSR* 8 19-29 '67.

Manufacture of optical instruments for linear and angular measurements and for surface control. I. U. V. Kolomitsov, I. V. Artem'ev. *Opt. i mekh. prom.* 34 no. 11 43-47 N '67.

Measurement of static pressure in a three-dimensional flow. G. A. Sokolovskii, V. N. Goloschchapov. *Tuplo-energetika* 13 no. 12 60-62 D '66.

Measurement of the parameters of motion. V. L. Lissan. *Izm. tekhn.* no. 11 61-63 N '67.

Methods for studying contact pressures in the tire of a clutch with a metal ceramic drum using a tensiometer transducer with epoxy resin. V. F. Voinatsov. *Izv. vyz. ucheb. zav., prib.* 10 no. 11 77-80 '67.

Modernization of slide gauges of the "Kalibr" Plant. L. S. Zubenko. *Izm. tekhn.* no. 8:85-86 Ag '67.

New measurement of the velocity of electromagnetic wave propagation (velocity of light). G. S. Simkin and others. *Izm. tekhn.* no. 8:92 Ag '67.

Performance of split gauges to measure external friction during upsetting. A. A. Vinnitskii, T. G. Klubina, V. N. Svidenko. *Trudy Inst. iad. fiz. AN Kazakh SSR* 8 9-12 '67.

Piezometric method for measuring the volume of liquid in vessels and using it for determining the production of a well in oil fields. G. D. Savchenko, F. G. Sviridov, I. N. Kulitskii. *Razrab. nef. i gaz. mest.* no. 3 67-69 '67.

Standard interference system for the reproduction of unit lengths. M. L. Brichzinskii. *Izm. tekhn.* no. 11:23-27 N '67.

State standard on the unit of power. L. M. Maksimov, S. A. Smolich. *Izm. tekhn.* no. 11:66-70 N '67.

Success and problems in metrology in the field of pressure measurements. E. F. Dolinskii, M. K. Zhokhovskii. *Izm. tekhn.* no. 11 52-56 N '67.

Testing of aspherical surfaces of revolution of the second order produced by the vacuum method for obtaining surfaces free from spherical aberration. D. T. Purnayev. *Opt. i mekh. prom.* 34 no. 11 69-72 N '67.

Theoretical principles and experimental testing of the equipment for continuous measuring of pulp density in a falling stream. V. N. Maruta, E. I. Obetsov, G. R. Nosov. *Goi. elektromekh. i avtom.* no. 6:61-66 '66.

532 FLUID MECHANICS. HYDROMECHANICS

[Achievements of science: Hydromechanics] Ilogi nauki: Gidromekhanika, 1965 Moskva, 1966 66 p. (Seriya: Mekhanika)

Anomaly in the rheological behavior of oligomers. I. U. S. Lipatov and others. *Dokl. AN SSSR* 176 no. 6 1341-1343 O '67.

Approximate solution of heat transfer problems in a structural regime of the flow of viscoplastic fluids. I. A. M. Rastadze. *Izv. vyz. ucheb. zav., prib.* no. 10 75-78 '67.

Calculating a nonstationary temperature field in a multi-layer plate, in the case of boundary conditions of the third type. N. P. Belik, N. M. Beliaev. *Gidromekhanika* no. 4 44-48 '66.

Calculation of a flow in a nozzle lattice with decreased radial gradient of pressure. I. U. I. Mitushkin, N. S. Artem'ev. *Engegnomashinostroyeniye* 13 no. 12 21-23 D '67.

Calculation of optimal distance between nozzle and mixing chamber in nozzle apparatus. M. I. Putilov. *Teplo-energetika* 14 no. 7 70-74 J1 '67.

A case of nonsteady flow in an open dry channel. V. I. Kvon. *PMTF* no. 5:138-142 S-O '66.

Cauchy-Poisson problem bearing on surface waves in a viscous liquid of finite depth. A. K. Nikitin, E. N. Potetunko, B. S. Belozorov. *Zhur. vych. mat. i mat. fiz.* 7 no. 6:1320-1333 N-D '67.

Determining the coefficient of flow resistances in the structural regime of the movement of viscoplastic fluids between two circular coaxial cylinders. B. O. Sadykhov, A. A. Movsumov, A. D. Magomedov. *Azerb. neft. khoz.* 44 no. 9 18-19 S '65.

Difference method of solving a nonsteady-state problem bearing on percolation within a mobile boundary. V. G. Pliamakov. *Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk* no. 3/4:130-136 '67.

A difficult function. I. V. Medvedev. *Trudy Ural. politekh. inst.* no. 151 22-23 '67.

Diffusion along the interface in a field of external forces. V. A. Sterkhov. *PMTF* no. 5 100-101 S-O '66.

Disturbances which are linked with the generation of a lifting force acting on a body in the transonic flow of a dissipating gas. O. S. Ryzhov, L. D. Terent'ev. *Prikl. Mat. i mekh.* 31 no. 6:1035-1040 N-D '67.

Effect of polyvinyl acetate and polystyrene on the bulk viscosity of benzene and chloroform. N. M. Kocharian, N. A. Naibandian, V. T. Arakelian. *Izv. AN Arm. SSR, Fiz.* 2 no. 4:274-284 '67.

Effect of temperature on the rheological properties of aqueous solutions of sodium soaps of saturated acids. A. V. Chinnikova, Z. N. Markina, Koll. zhur. 29 no. 5:733-738 S-O '67.

Effect of vibrations on the proceeding of transfer processes under conditions of weightlessness. A. S. Povlitskii, L. I. A. Liubin. *Kosm. issl.* 5 no. 6:921-928 N-D '67.

Elastic resistance of lateral deformation vortices. L. V. Cheremisinia. *Dzh. S. TSakadze. Fiz. i mat. temp.* no. 2 45-51 '66.

Equations describing turbulent flow. A. S. Monin. *Prikl. Mat. i mekh.* 31 no. 6:1057-1068 N-D '67.

Evaporation of droplets of solutions of surface active agents in quasi-stationary conditions. G. K. Ivantskii, I. U. Shimanikii. *Koll. zhur.* 29 no. 5 672-676 S-O '67.

- Kinematics of a current layer in a plasma accelerator. V. I. Baranov, A. K. Mulin, G. G. Timofeeva. PMTF no. 5 107-112 S-O '66.
- Kinetic properties of an and other gases at high temperatures. I. N. Beliaev, V. B. Leonas. Fiz. gori. i vzryva 3 no. 2 171-187 Je '67.
- Lifting force of a thin plate of infinite span in magnetohydrodynamics. T. Dzhuumkulov. Mag. gidr. no. 4 37-39 '67.
- Liquid flow in a tube equipped with grid electrodes at weak magnetohydrodynamic interaction. A. I. Bolislavskii, E. I. Ivanovskii. PMTF no. 5 102-103 S-O '66.
- Magnetohydrodynamic analysis of the spiral movement near the critical point. I. I. Karakim. Mag. gidr. no. 4 55-58 '67.
- Magnetohydrodynamic flow in an annular channel taking the magnetic Reynolds number into account. A. I. Bortnikov, D. A. But, V. N. Kalugin. Mag. gidr. no. 1 95-103 '67.
- Measuring the superhigh-frequency conductivity of a turbulent plasma by means of an Alpha unit. M. M. Lashonov, V. V. Rozhdetsvenskii. Zhur. tekhn. fiz. 37 no. 8 1466-1470 Ag '67.
- Movement of a conducting piston in a magnetic field. A. I. Hertinov, D. A. But, K. N. Pavlova. Mag. gidr. no. 1 149-152 '67.
- Nonlinear effects in the case of the propagation of waves in a plasma, taking the boundaries into account. B. Chakraborti. Vest. AN SSSR no. 3 99-105 S-O '67.
- Nonlinear generation of higher harmonics of electron cyclotron frequency in a plasma with a current. M. A. Litshits, V. N. Tsytovich. Zhur. eksp. i teor. fiz. 53 no. 5 1610-1621 N '67.
- Nonlinear interaction of waves in the presence of beam instability. A. P. Kropotkin. Zhur. eksp. i teor. fiz. 53 no. 5 1765-1775 N '67.
- Nonstationary flow of a conducting fluid in the channel of a magnetohydrodynamic generator in the case of a sudden short circuit. A. I. Khorzhanov. Zhur. tekhn. fiz. 37 no. 8 1541-1545 Ag '67.
- Nonstationary subsonic gas flow in crossed electric and magnetic fields. I. U. A. Kuzachkov, B. A. Korotkov, I. I. Shuputin. Mag. gidr. no. 1 29-32 '67.
- Nonsteady motion of a slender wing with trailing vortices. V. A. Litshits. Vest. AN SSSR, Ser. i. Mat., mekh. 22 no. 6 126-131 N-D '67.
- Nonsteady-state processes in a positive plasma column when the discharge current varies. L. S. Gladshtein, G. N. Zastavner, T. E. Ryshkina. Zhur. tekhn. fiz. 37 no. 11 2054-2060 N '67.
- Normal mode of cylindrical resonators with a magnetoelectric plasma. I. P. Iakimenko, T. R. Kolbner. Izv. vys. ucheb. zav., radiofiz. 10 no. 6 815-824 '67.
- One spatial boundary layer problem in magnetohydrodynamics. F. V. Shcherbinin. Mag. gidr. no. 1 76-79 '67.
- Oscillations in an inhomogeneous plasma of finite pressure. L. V. Mikhailovskii. Zhur. tekhn. fiz. 37 no. 11 1974-1983 N '67.
- Plane embedded turbulent jet of an incompressible conducting fluid in magnetohydrodynamics. A. S. Pleshanov. Mag. gidr. no. 1 72-75 '67.
- Plasma between concentric spherical electrodes. A. M. Rezikina. Izv. AN Arm. SSR, Fiz. 2 no. 4 233-237 '67.
- Plasma equilibrium in a stellarator in a (n=3) field with a circular magnetic axis. E. I. Uchenko. Zhur. tekhn. fiz. 37 no. 8 1460-1465 Ag '67.
- [Plasma physics] Fizika plazmy. Sbornik statel. Pod red. S. I. Luk'yanova Moskva, Atomizdat, 1967. 96 p.
- Potential and density distribution of charged particles in a discharge plasma with oscillating electrons. L. V. Brzhechko, O. S. Pavlichenko. Zhur. tekhn. fiz. 37 no. 8 1509-1513 Ag '67.
- Potential oscillations of a cylindrical charged plasma with a current. S. E. Roshnitskii, V. G. Rukhlin. Zhur. tekhn. fiz. 37 no. 8 1401-1415 Ag '67.
- Potential surface waves in magnetoelectric plasma. V. I. Pakhomov, K. N. Stepanov. Zhur. tekhn. fiz. 37 no. 8 1303-1400 Ag '67.
- Pressure distribution in the magnetohydrodynamic flow past a sphere. I. U. A. Kolesnikov and others. Mag. gidr. no. 4 148-149 '67.
- Problems of aerodynamics in high-speed passenger trains. A. V. Durov. Zhel. dor. transp. 19 no. 6 51-53 Je '67.
- Radial injection of several plasmoids. G. I. Umarov, A. K. Alimov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 11 no. 6 774-78 '67.
- Reflection of a rarefaction wave in magnetohydrodynamics. T. Dzhuumkulov. Mag. gidr. no. 4 10-42 '67.
- Relationship between the electron concentration and temperature of a plasma in an arc source of spectrum excitation. I. A. Krinberg. Zhur. prikl. spekt. 7 no. 1 555-558 O '67.
- Resistance of magnetohydrodynamic tubes. G. G. Brano-ver. Mag. gidr. no. 4 3-16 '67.
- Second European Conference on Plasma Physics and Controlled Thermonuclear Reactions held in Stockholm. B. B. Kadomtsev. Vest. AN SSSR 37 no. 12 73-74 D '67.
- Self-destruction of hydrogen inclusions in metals. N. P. Katrich. Atom. energ. 23 no. 6 541-545 D '67.
- Short hydrogen plasmoids. E. I. A. Gol'ts. PMTF no. 5 113-115 S-O '66.
- Some problems concerning the aerodynamics of an inhomogeneous flow. A. G. Iarmitskii. Gidrodinamika no. 4 10-19 '66.
- Sounding measurements of plasma parameters in a laser on xenon and mixtures of xenon in helium. A. M. Bonch-Bruyich and others. Zhur. prikl. spekt. 7 no. 4 533-537 O '67.
- Source of vacuum ultraviolet radiation based on the excitation of a superionic gas jet by an electron beam. E. T. Veikhovtseva and others. Zhur. prikl. spekt. 7 no. 6 859-864 D '67.
- Spectral method of measuring the density distribution neutral atoms in a plasma filament on a TM-3 unit. E. I. Kuznetsov. Zhur. tekhn. fiz. 37 no. 8 1550-1553 Ag '67.
- Spectroscopic study of the evaporation of particles in an arc plasma. I. A. Raikhsbaum, M. A. Lushnova, L. I. Khaidukova. Zhur. prikl. spekt. 7 no. 4 550-554 O '67.
- Stability of a plane magnetohydrodynamic fluid jet. B. V. Placov, A. D. Ichanov. Mag. gidr. no. 4 66-71 '67.
- Stability of a homogeneous plasma with isotropic distribution functions in a magnetic field. L. V. Korabiev. Zhur. eksp. i teor. fiz. 53 no. 5 1600-1609 N '67.
- Stability of a plasma and voltage oscillations of a magnetohydrodynamic generator. R. V. Gancfel'd, E. P. Shashinin. Mag. gidr. no. 1 33-36 '67.
- Stability of a rigid conducting cylinder in the magnetic field of a current flowing through it. I. U. V. Vandaikulov, E. N. Kolesnikov. Zhur. tekhn. fiz. 37 no. 11 1984-1992 N '67.
- Stokes flow past a circular cylinder in a transverse magnetic field. A. B. Tsinobir, A. G. Shchepin. Mag. gidr. no. 4 146-147 '67.
- Study of aerodynamic excitation forces in turbine stages. A. P. Kuleshov. Energomashinostroyeniye 13 no. 12 39-41 D '67.
- Study of an annular cascade with great flate operating on wet steam. I. I. Kirillov, A. I. Nosovitskii, V. N. Amelushkin. Energomashinostroyeniye 13 no. 12 44-45 D '67.
- Study on water chemisorption on a tungsten surface. I. U. K. Ustulov, N. I. Ionov. Zhur. tekhn. fiz. 37 no. 11 2046-2052 N '67.
- Studying a plasma jet of a high-frequency argon burner. V. M. Gol'dfarb and others. Teplofiz. vys. temp. 5 no. 4 540-550 Ji-Ag '67.
- Studying a turbulent plasma by means of microwaves. M. M. Lashonov, V. V. Rozhdetsvenskii, A. D. Piliia. Zhur. tekhn. fiz. 37 no. 8 1471-1478 Ag '67.
- Studying the group properties of the equations of motion of incompressible conducting fluid. N. T. Paschenko, V. A. Syrovoi. Mag. gidr. no. 1 60-65 '67.
- Studying the nitrogen radiation in an unbalanced band behind the shock wave front. G. D. Smekhov, S. A. Lorev. Zhur. prikl. spekt. 7 no. 1 589-593 O '67.
- Studying the principles influencing the character of the spectrum of a plasma obtained by means of a laser. A. I. Kozuchikov, A. A. Iankovskii. Zhur. prikl. spekt. 7 no. 4 561-568 O '67.
- Superhigh-frequency phase meters of plasma diagnostics. N. I. Mal'kikh, E. S. Lampolskii. Teplofiz. vys. temp. 5 no. 1 701-712 Ji-Ag '67.
- Theory of cylindrical induction pumps. A. A. Fomin. Mag. gidr. no. 4 111-119 '67.
- Theory of discontinuities in magnetohydrodynamics when an external electric field is present. I. V. Ioffe, A. I. Saet. Mag. gidr. no. 4 143-144 '67.
- Theory of the statistical equilibrium of a particle mixture. Part 2. R. I. Aitym. Teplofiz. vys. temp. 5 no. 4 571-583 Ji-Ag '67.
- Theory of the valve air distribution of pneumatic harmonizers. H. N. Popov. Gos. elektromekhn. i avtom. no. 6 90-103 '66.
- Tin circuit. T. Kalnins and others. Mag. gidr. no. 4 152-153 '67.
- Transducer for the automatic control of airflow. V. I. Sydnukov. Gos. elektromekhn. i avtom. no. 6 67-70 '66.
- Unsteady motion of a conducting fluid in a magnetic field subjected to a constant pressure gradient. A. G. Rabinin. Teplofiz. vys. temp. 5 no. 4 726-729 Ji-Ag '67.
- Use of homopolar generators without a ferromagnetic magnetic circuit for feeding electrophysical apparatus in magnetohydrodynamic studies. B. L. Aheviskii, A. I. Beithov, A. G. Sherstiuk. Mag. gidr. no. 4 135-142 '67.
- Use of microwave methods in determining the spatial distribution of the effective frequency of electron collisions in a plasma. I. U. N. Dnestrovskii, D. P. Kostomarov. Zhur. tekhn. fiz. 37 no. 11 2085-2097 N '67.
- Use of the integral diffusion method in solving the problem involving the flow of a rarefied gas of constant density past a semi-infinite plate. A. T. Onufriev. PMTF no. 5 90-93 S-O '68.
- Waves of charge density in modulated beams interacting with a plasma. V. D. Shapiro. Zhur. tekhn. fiz. 37 no. 8 1422-1432 Ag '67.

534 VIBRATIONS, ACOUSTICS, SOUND

- Absorption of ultrasound in dielectric crystals with high impurity concentrations. L. E. Gurevich, B. I. Shklovskii. Zhur. eksp. i teor. fiz. 53 no. 5 1726-1734 N '67.
- Acoustical methods of oceanic research. I. B. Andreeva. Vest. AN SSSR 37 no. 12 36-40 D '67.
- Backscattering of sound waves and radio waves by an irregular ripple. A. I. Kalmykov, A. D. Rozenberg, V. I. Zel'dis. Izv. vys. ucheb. zav., radiofiz. 10 no. 6 787-802 '67.
- Backscattering of sound waves by a regular ripple. A. D. Rozenberg, A. I. Kalmykov, V. I. Zel'dis. Izv. vys. ucheb. zav., radiofiz. 10 no. 6 789-796 '67.
- Changes in lipid metabolism in man following prolonged effect of industrial noises on the central nervous system. P. S. Khomolov, L. P. Roshchikova, A. P. Ruznitsova. Kardiologia 7 no. 7 35-38 Ji '67.
- Damping of the detonation and the characteristics of its propagation in narrow channels. V. F. Zakaev, A. I. Rozlovskii, L. I. Strizhevskii. Fiz. gori. i vzryva 3 no. 2 217-224 Je '67.
- Design of vibrators of ultrasonic antiscaling equipment. L. G. Shermaldychev. Tsvet. LITV no. 94 34-36 '67.
- Dewatering oil wells by ultrasonic waves. A. I. Mikhel'man. Izv. vys. ucheb. zav., nef't i gaz 10 no. 6 51-64 '67.
- Dynamics of push-pull electromagnetic vibrators with two half-wave rectifiers. Z. F. Iliker. Gos. elektromekhn. i avtom. no. 6 83-88 '66.
- Effect of the field of an ultrasonic magnetostriction emitter on the effectiveness of coal alkali reagent. A. F. Gel'gov, A. A. Znamenskii. Izv. vys. ucheb. zav., nef't i gaz 10 no. 6 35-37 '67.
- Effect of the material and thickness of the casing on the detonation velocity of ammonium perchlorate and hexogen mixtures. L. N. Akimova, A. I. Apun. Fiz. gori. i vzryva 3 no. 2 197-202 Je '67.
- Effect of ultrasound on the regeneration of the skeletal musculature in mammals. M. I. Kagan, E. D. Nashchokina. Sbornik nauch. trud. Khar'kovsk. gos. med. univ. 7 71-75 '63.
- Effect of the ultrasound on the repolarization processes in triglycine sulfate crystals at various temperatures. A. I. Baranov, V. M. Rudnik. Izv. AN SSSR, Ser. fiz. 31 no. 11 1765-1767 N '67.
- Effect of ultrasonic waves on the sensitivity of bacterial cells to polypeptide antibiotics (gramicidin C and polymyxin B). I. V. Chumova, I. F. Filipina. Antibiotiki 12 no. 9 817-822 S '67.
- Frequency responses of triglycine sulfate crystals and Rochelle salt. I. U. M. Poplavko, L. P. Solomonova. Izv. AN SSSR, Ser. fiz. 31 no. 11 1771-1774 N '67.
- Isentropic expansion of hydrogen detonation products. N. M. Kuznetsov, K. K. Shvedov. Fiz. gori. i vzryva 3 no. 2 203-210 Ju '67.
- Mechanism of the effect of a powerful blast wave on the organism. L. N. Aleksandrov, E. A. Dyshkin. Vest. khim. 99 no. 11 89-91 N '67.
- Nonlinear resonances at three-dimensional vibrations of a solid. R. F. Ganley, V. O. Kononenko. Mekh. tver. tela no. 4 32-39 Ji-Ag '67.
- Quantum theory of resonance and relaxation absorption of ultrasound in paramagnetic crystals. A. K. Morozova. Zhur. eksp. i teor. fiz. 53 no. 5 1835-1846 N '67.
- Some features of the apparatus for subsurface measuring of vibrations during electric drilling. S. K. Kerim-zade, R. G. Dzhabagov. Izv. vys. ucheb. zav., nef't i gaz 10 no. 6 93-94 '67.
- Study of the critical state of a liquid with the aid of gravitational waves. M. Sh. Gikerman. Dokl. AN SSSR 177 no. 10 1298-1301 D '67.
- Supersonic flow past triangular wings with surface stiffeners. Prikl. Mat. i mekh. 31 no. 6 1050-1056 N-D '67.
- Synchronization of mechanical vibrators connected with a linear vibrating system. K. Sh. Khodzhaev. Mekh. tver. tela no. 4 14-24 Ji-Ag '67.
- Temperature dependence of the propagation and absorption velocity of ultrasound in some ferroelectric perovskite-type solid solutions. G. Grunvalds, V. Frichberga. Izv. AN SSSR, Ser. fiz. 31 no. 11 1850-1852 N '67.
- Theory of vibratory separation. D. A. Pliss. Mekh. tver. tela no. 4 25-31 Ji-Ag '67.
- Ultrasonic velocity in aqueous solutions of perchlorates of some metals. V. A. Latysheva, O. A. Kozhevnikov. Vest. LGU 22 no. 16 176-178 Ag '67.

535 OPTICS, LIGHT

- Absorption analysis of pyrene. N. V. Chuvpurov. Koka. i khim. no. 7 30-41 '67.
- Absorption spectra of ionic association with triaryl-methane dyes. S. A. Lomonosov, A. V. Nikolaev. Zhur. prikl. spekt. 6 no. 1 76-80 Ja '67.
- Absorption spectra of lithium hydride single crystals. Part 1. B. L. Dvinyaninov, F. F. Gavrilov, G. I. Smetanin. Zhur. prikl. spekt. 6 no. 1 62-65 Ja '67.
- Analytic expression of the extreme values of spherical aberration in systems consisting of individual infinitely thin lenses with equal refractive index. M. A. Uspenskii. Opt. i mekh. prom. 34 no. 10 30-35 O '67.
- Applicability limits of a single-electron method of recording light currents. A. M. Peislov, I. V. Reznikov, A. A. Antonuk. Zhur. prikl. spekt. 7 no. 6 957-958 D '67.
- Approximation of geometrical optics in the theory of propagation of electromagnetic waves in a gyrotropic weakly absorbing medium. I. U. A. Tashin. Izv. vys. ucheb. zav., radiofiz. 10 no. 6 756-762 '67.
- Automatic control of a summary concentration of aromatic hydrocarbons in a flow of catalytic reforming benzines. V. S. Pavlov and others. Zhur. prikl. spekt. 7 no. 8 928-931 D '67.

- Automatic method for calculating complex optical systems V V Tshno Opt.-mekh. prom 31 no 9 10-16 S '66
- Automatic methods of preparing and processing stereophotographic data I S. Agoshin and others Tsitolgia 9 no 11 1311-1327 N '67
- Balanced system of marks of the amount of illumination, L. N. Sivtsov, Zhur. prikl. spekt. 7 no 6 910-916 D '67
- Barium titanate emissivity in the temperature range from 40° to 80° C. V. G. Vafudis, L. L. Ganslevskaia, Zhur. prikl. spekt. 6 no 1 110 Ja '67
- Branches of reaction of fluorine with methyl iodide L. M. Rusin, A. M. Chukin, A. F. Shilov, Kim. kat. 8 no 1 731-736 '67
- Brightening of the KC-10 glass by means of incoherent radiation, L. D. Kon'kov, A. G. Rozanov, N. V. Cheburkin, Zhur. prikl. spekt. 6 no 1 118-120 Ja '67
- Calculating the losses in lasers when an absorber is present in the resonator, A. A. Kovalev, V. A. Filipovich, I. V. Razvin Zhur. prikl. spekt. 7 no 6 940-942 D '67
- Calculating the shape of a mass-spectrum pulse from a dynamic quadrupole mass spectrometer G. I. Shobodenin Zhur. tekhn. fiz. 37 no 8 1535-1539 Ag '67
- Calculation and interpretation of the vibrational spectra of sulfur-containing compounds, Part 4 Thionene monosubstituted, L. N. Bolotina, L. M. Sivtsov, Zhur. prikl. spekt. 7 no 6 870-871 D '67
- Calculation of the operating range of distance measuring optical systems with return reflectors consisting of a series of pyramidal mirrors, I. U. M. Kulev, A. L. Sadykova, Izv. vys. ucheb. zav. prib. 9 no 1 109-113 '66
- Calibrating a prismatic infrared spectrometer with the aid of echelle gratings, F. A. Yakovlev, Zhur. prikl. spekt. 7 no 6 931-936 D '67
- Capture of holes by impurity centers and the recombination luminescence of NaCl-Cu and NaCl-Cu, Ag crystals J. Hildre, Izv. AN SSSR Ser. fiz. 31 no 12 1970-1972 D '67
- Characteristics of research techniques of small-size specimens in double-beam infrared spectrophotometers, A. L. Vozgala, L. V. Skorobogatova, Zhur. prikl. spekt. 6 no 1 127-128 Ja '67
- Characteristics of the additive coloration of silver-halide-activated alkali halide phosphors L. M. Shamovskii, L. M. Rodionova Kristallografiia 12 no 4 646-652 Ji-Ag '67
- Characteristics of the photoconductivity of the layers of mercury-activated amorphous selenium, V. A. Bazakutina, G. D. Mokhov, A. A. Golovash Izv. vys. ucheb. zav. fiz. 10 no 8 7-14 '67
- Characteristics of the shape of impurity absorption bands and luminescence in ionic crystals with moderate electron-oscillatory coupling V. A. Kovarskii, F. V. Vilim, Izv. AN SSSR Ser. fiz. 31 no 12 2003-2006 D '67
- Characteristics of the spectral reflection of glass and quartz in the near-infrared region of spectrum N. B. Rekam, Gelfotekhnika no. 4 36-41 '67
- Chemistry of esters of ketone acids of the acetylene series, Part 5 Spectroscopic investigations of the products of amine additions, I. I. Lapkin, I. U. S. Andriashkov, Zhur. prikl. spekt. 7 no 6 878-881 D '67
- Chromatic error and axial astigmatism in electron microscopes of high resolving power (Brief information), I. U. V. Vorob'ev, A. A. Viazgala Opt.-mekh. prom. 33 no 4 51 Ap '66
- Color centers in lithium fluoride crystals, I. F. Vorozheika, Izv. AN SSSR Ser. fiz. 31 no 12 1938-1939 D '67
- Color value of phenol ethers of nitrosubstituted aromatic carboxylic acids, Part 3 Effects of 2, 4- and 3, 5-dinitrobenzoic acids, M. K. Larina, A. V. Blotsvetov, Zhur. obshch. khim. 37 no 12 2654-2658 D '67
- Colorability of LiF crystals in the case of "large" X-ray radiation dosages F. P. Alekseeva, Izv. AN SSSR Ser. fiz. 31 no 12 1958-1961 D '67
- Competing processes of energy transfer in the first- and second-kind luminescence centers in KCl-Ag phosphors, I. A. Paifanovich, E. I. Shuraleva, E. E. Penzina, Izv. AN SSSR Ser. fiz. 31 no 12 1993-1995 D '67
- Concentration dependences of the luminescence of Ho^{3+} ion in fluorite crystals, A. M. Tkachuk, Izv. AN SSSR Ser. fiz. 31 no 12 2087-2089 D '67
- Conductivity and infrared spectra of organic semiconductors in liquid state M. I. Bashmakova, P. K. Mitskevich, E. V. Brussee, Izv. vys. ucheb. zav. fiz. 10 no 8 148-151 '67
- Cooperative luminescence of condensed media, V. V. Ovsiankin, P. P. Feofilov Zhur. prikl. spekt. 7 no 4 498-506 O '67
- Deciphering of mass spectra of high-temperature thermodynamic studies, L. N. Sidorov, Dokl. AN SSSR 176 no 6 1351-1354 O '67
- Dependence between the coma of a thin lens on its bowing, P. D. Ivanov, Izv. vys. ucheb. zav. prib. 10 no 11 103-104 '67
- Design of compensation oculars for plane-field microscope objective lenses, L. N. Andreev, Opt.-mekh. prom. 34 no 10 26-28 O '67
- Designing lasers with a small diameter for the gas-discharge tube, V. I. Mntveev, Zhur. prikl. spekt. 7 no 6 950-953 D '67
- Determination of europium and terbium in mineral ore concentrates and yttrium oxide with the aid of luminescence spectra, V. S. Khomenko, V. V. Kuznetsova, L. A. Pekarskaia, Zhur. prikl. spekt. 6 no 1 117-118 Ja '67
- Determination of lithium by photometry of its complexes with p-naphthol- α -azo-2-benzoyl acid and di-valine S. A. Stul'tsova, A. L. Maikman, Izv. Khim. Zhur. 11 no 1 13-16 '67
- Determination of shifts and turns of a plane mirror using displacement of a point image in a converging flow of rays I. A. Grom, P. V. Stenka, Izv. vys. ucheb. zav. prib. 10 no 11 94-97 '67
- Determining the absorption coefficients of dyed woolen cloth by the reflection spectra V. L. Gaidukov, L. A. Vofodina, B. M. Iavorskii, Zhur. prikl. spekt. 6 no 1 72-75 Ja '67
- Differential photoelectric-optical (microtometer) and gas analyzer, B. P. Koz'yev, V. I. Korotchenko, Izv. vys. ucheb. zav. prib. 9 no 1 17-22 '66
- Diffraction of the field of a dipole emitter on two spheres, I. A. Ivano, Zhur. vych. mat. i mat. fiz. 7 no 6 1285-1297 N-D '67
- Diffuse light in vacuum monochromators, N. G. Gerasimova Opt.-mekh. prom. 33 no 9 11-15 S '66
- Diffuse reflection of light from a rough surface, Part 1, A. S. Popovets, M. M. Muzumenko, Zhur. prikl. spekt. 7 no 6 905-909 D '67
- Dislocations and optical phenomena in ionic crystals N. G. Poltov, Izv. AN SSSR Ser. fiz. 31 no 12 1926-1935 D '67
- Dynamic birefringence and the polydispersity of polystyrene solutions S. M. Savvin, D. D. Gligoleva Vest. LGU 22 no 16 54-57 Ag '67
- Effect of admixtures of rare earth ions on the structure and optical properties of an yttrium-aluminum garnet R. V. Bikradze and others, Izv. AN SSSR Ser. fiz. 31 no 12 2070-2073 D '67
- Effect of heat treatment on the optical properties of lithium fluoride crystals, P. I. Titova, M. I. Shakhnovich, Izv. AN SSSR Ser. fiz. 31 no 12 2058-2060 D '67
- Effect of ionic processes on the kinetics of flash and afterglow of silver halides, V. M. Belous, Izv. AN SSSR Ser. fiz. 31 no 12 1943-1945 D '67
- Effect of light, protons, and electrons on optical characteristics of lithium hydride, F. F. Gavrilov and others, Izv. AN SSSR Ser. fiz. 31 no 12 2010-2042 D '67
- Effect of microdefects of the crystal lattice on some luminescence and relaxation processes in alkali halide crystal phosphors, F. N. Zaitov and others, Izv. AN SSSR Ser. fiz. 31 no 12 2046-2049 D '67
- Effect of the combined diffusion of glasses on the transmission of light by fibrous elements I. M. Minkov, Opt.-mekh. prom. 33 no 10 6-9 O '66
- Effect of the flux on the infrared stimulation spectra of ZnS phosphors V. I. Rutits, Zhur. prikl. spekt. 6 no 1 107-109 Ja '67
- Effect of the powerful radiation waves on a three-level system, P. A. Apanashevich, A. S. Bankovskii, Zhur. prikl. spekt. 7 no 6 845-849 D '67
- Electrolytic coloration of NaCl- H_2O , S. V. Voropaeva, V. F. Piskarenko, Izv. AN SSSR Ser. fiz. 31 no 12 2055-2057 D '67
- Electron paramagnetic resonance of Mn^{2+} in SrMoO_4 , M. I. Samoilovich, L. I. Potkin, Zhur. strukt. khim. 7 no 5 804-805 S-O '66
- Electron paramagnetic resonance spectra and electronic structure of nitrooxide radicals A. M. Vasserman, A. L. Bichachenko, Zhur. strukt. khim. 7 no 5 673-679 S-O '66
- Electron paramagnetic resonance spectra of metal complexes with formazans of the benzimidazole series V. F. Anufriyenko, E. N. Ilichevko, I. I. Kalinchenko, Zhur. strukt. khim. 7 no 5 803-804 S-O '66
- Electron paramagnetic resonance spectrum of the triplet state of 1,1-dinaphthyl, S. P. Solodovnikov, I. U. B. Zaks, Zhur. strukt. khim. 7 no 5 802 S-O '66
- Elementary processes of low-temperature photochemistry and radiation chemistry, Kh. S. Bagdasarian, Kim. i kat. 8 no 5 1073-1093 S-O '67
- Energy transfer from neodymium to ytterbium in bases with nonuniformly widened spectral lines of activators, M. N. Tolstol, P. P. Feofilov, V. N. Shapovalov, Izv. AN SSSR Ser. fiz. 31 no 12 2064-2066 D '67
- Errors in luminescent measurements in the case of "thick" micro-objects and methods of eliminating them, G. M. Svishechev, Zhur. prikl. spekt. 7 no 6 887-892 D '67
- Estimate of the fluctuation sensitivity of a radiometer with IF-amplifier modulation, V. S. Abilazov, Izv. vys. ucheb. zav. radiofiz. 10 no 6 768-774 '67
- Excitation energy transfer in the chain of ions $\text{UO}_2^{2+} \rightarrow \text{Na}^{3+} \rightarrow \text{Yb}^{3+} \rightarrow \text{Er}^{3+}$ in glass, M. V. Aramonova, Ch. M. Briskina, V. F. Zoln, Zhur. prikl. spekt. 6 no 1 112-114 Ja '67
- Extinction of collimated light beams in scattering media M. V. Kabanov, Izv. vys. ucheb. zav. fiz. 10 no 8 28-30 '67
- Faraday effect in the $\text{Y}_3\text{Fe}_5\text{O}_{12}:\text{Ho}^{3+}$ ferrite-garnet, E. P. Kharchenko, V. V. Efremenko, L. I. Belyi, Zhur. eksp. i teor. fiz. 53 no 5 1506-1509 N '67
- Faraday effect in $\text{Y}_3\text{Fe}_5\text{O}_{12}:\text{Ga}^{3+}$ garnet, A. V. Antonov, G. P. Petrova, Zhur. prikl. spekt. 6 no 1 58-61 Ja '67
- Fiber optics in the U.S.S.R., V. B. Veinberg, Opt.-mekh. prom. 34 no 11 48-51 N '67
- Filling of traps of the electroluminescent EL-100000 excited by an electric field P. E. Ramazanova, I. V. Nuvat'eva, Izv. vys. ucheb. zav. fiz. 10 no 8 47-51 '67
- Fluorescent colposcopy in the diagnosis of cervical and uterine changes in the cervix uteri L. V. Koshlanovich, K. P. Ganna, Voprosy, 13 no 10 73-76 '67
- Fourier transform method for measuring optical spectra M. G. Gotskii, V. A. Zverev, Zhur. prikl. spekt. 7 no 4 615-617 O '67
- Gamma luminescence and photoluminescence of alkali iodides N. N. Vasil'eva, Trudy fiz. inst. 31 no 1 268 '67
- Generation of organic dye solutions B. I. Stepanov, A. N. Rubinov, Zhur. prikl. spekt. 7 no 4 597-599 O '67
- High-speed infrared spectrometer on the basis of the KRS-12 monochromator, M. P. Easerson, Izv. Khim. i fiz. Zhur. prikl. spekt. 6 no 1 120-130 Ja '67
- Holography and studies at the State Optical Institute to develop it I. U. N. Demichuk Opt.-mekh. prom. 34 no 11 18-23 N '67
- Induced emission from neodymium-activated SrF_2 crystals at room temperature, A. A. Kaminskii, V. V. Osiko, V. T. Udovenchik, Zhur. prikl. spekt. 6 no 1 44 Ja '67
- Infrared absorption spectra for beryls, L. I. Musumov, E. A. Suizhanskaya, Zhur. prikl. spekt. 7 no 6 917-920 D '67
- Infrared and ultraviolet spectra and the structure of silicate glasses, T. A. Sidorov, Zhur. prikl. spekt. 6 no 1 98-101 Ja '67
- Infrared spectra of alkyl ammonium sulfates, V. V. Seigovskii, I. U. G. Polov, Zhur. strukt. khim. 7 no 5 807-808 S-O '66
- Infrared spectra of chloromethyl derivatives of alcohols and diolanes, E. G. Ivanuk, I. P. Kovalev, Zhur. prikl. spekt. 6 no 1 102-106 Ja '67
- Infrared spectra of monosubstituted alkylcyclohexanes and terpene cyclohexanes, T. A. Rudol'fi, Zhur. prikl. spekt. 6 no 1 123-125 Ja '67
- Infrared spectra of some compounds of the phenylacetylene series, Kuak Dan Chou and others, Vest. Mosk. univ. 2 Khim. 22 no 6 42-47 N-D '67
- Infrared spectra of some n-substituted arylsulfonamides, V. I. Ievshova, N. P. Lushina, Zhur. prikl. spekt. 7 no 6 981-983 D '67
- Infrared spectroscopy method of studying the antioxidant activity of inhibitors in the thermal oxidation of acetylbutadiene rubber, T. N. Pilev, V. N. Potcheva, Dubl. AN SSSR 176 no 6 1363-1368 O '67
- Instability of self-focusing of light V. F. Zakharov, Zhur. eksp. i teor. fiz. 53 no 5 1735-1743 N '67
- Kinetics of the thermal disintegration of activator hole centers in KI-Tl phosphors, V. V. Pologudov, F. E. Penzina, Izv. AN SSSR Ser. fiz. 31 no 12 1996-1999 D '67
- Latest development in the study of free radicals International Symposium in Novosibirsk, I. U. D. Tshchik, Vest. AN SSSR 37 no 12 64-68 D '67
- Light and optical measurements, N. R. Bistarchukova, A. I. Karashev, V. E. Karashevskaya, Izv. tekhn. no. 11 36-42 N '67
- Light intensity distribution across the interferogram of the plane-parallel Fabry - Perot interferometer taking the finite aperture into account, Makhmad Khafizov, Vest. Mosk. univ. Ser. 3, Fiz., astron. 22 no 6 56-63 N-D '67
- Limit of the duration and energy of the free generation of a ruby laser determined by the adiabatic heating of the crystal, A. S. Rubanov, A. V. Chalei, Zhur. prikl. spekt. 7 no 6 946-949 D '67
- Luminescence and its applications, V. L. Lavadin, Zhur. prikl. spekt. 7 no 4 466-479 O '67
- Luminescence centers and capture centers in NaF-Tl and NaI-In crystals with oxygen impurities, A. N. Panova, R. Kh. Mustafina, Izv. AN SSSR Ser. fiz. 31 no 12 1975-1978 D '67
- Luminescence of alkali halide crystals with admixtures of homologous anions and cations, J. Valbis and others, Izv. AN SSSR Ser. fiz. 31 no 12 1990-1992 D '67
- Luminescence of impurity molecules O_2 and S_2 in alkali halide crystals, K. Rebane and others, Izv. AN SSSR Ser. fiz. 31 no 12 2010-2016 D '67
- Luminescence of lead complexes in NaCl-Ph phosphor A. P. Zhukovskii, Izv. AN SSSR Ser. fiz. 31 no 12 2076-2076 D '67
- Luminescence of rare earth ions in alkali halide crystals, A. V. Dotgoplova, S. A. Sazonova, E. S. Skorobogatov, Izv. AN SSSR Ser. fiz. 31 no 12 2061-2063 D '67
- Luminescence of silver halide crystals depending on the presence of defects, L. N. Iskovich, E. B. Koz'yeva, P. V. Meiklar, Izv. AN SSSR Ser. fiz. 31 no 12 1953-1957 D '67
- Luminescence study of the role of iodine ions in the formation of photographic sensitivity of bromo-iodo silver emulsions, V. M. Belous, L. P. Mel'nikuk, K. V. Chibisov, Dokl. AN SSSR 177 no 6 1367-1370 D '67
- Luminescence study of various structural forms of certain four-ligand rare earth complexes in the crystalline state, V. S. Khomenko, V. V. Kuznetsova, Zhur. prikl. spekt. 7 no 6 850-853 D '67

- Luminescent and photoelectric properties of silver chloride. V. M. Belous, V. I. Bugayenko. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:1952-1964 D '67.
- Maximum polarization of the synchrotron radiation. V. C. Bulgakov. *Izv. vys. ucheb. zav. fiz.* 10 no. 8:135-137 '67.
- Measurement of spurious radiation passing through interference filters. A. N. Aleksandrov. *Opt.-mekh. prom.* 34 no. 10:70-71 O '67.
- Measuring the energy of light pulses. (Brief information) V. I. Bulkov. *Opt.-mekh. prom.* 33 no. 9:58-59 S '67.
- Mechanism of a two-stage excitation of fluorescent ions Pr^{3+} in CaWO_4 . V. I. Bakumenko. *Zhur. prikl. spekt.* 7 no. 4:625-627 O '67.
- Mercurylike luminescence centers in NaI crystals. N. K. Guseva, A. B. Iyskovich. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:1955-1959 D '67.
- Nature of intermolecular reactions in solutions of dyes and their spectroscopic manifestations. L. V. Levshin, T. D. Slavova, I. U. A. Mittels. *Zhur. prikl. spekt.* 7 no. 6:893-898 D '67.
- Nature of nonlinear absorption coefficients of monochromatic radiation in gaseous media. V. P. Kabashnikov, A. S. Rubanov. *Zhur. prikl. spekt.* 6 no. 1:51-57 Ja '67.
- New measurement of the velocity of electromagnetic wave propagation (velocity of light). G. S. Simkin and others. *Izvestiya, no. 8:92* Ag '67.
- New type of glass for spectral studies of fluorocontaining substances. G. I. Petrovskii, G. A. Tsukikova. *Zhur. prikl. spekt.* 6 no. 1:130-132 Ja '67.
- Nikolai Semenovich Svetskii; on his 60th birthday. V. I. Pukhov. *Zhur. prikl. spekt.* 7 no. 6:971-971 D '67.
- Non-thermal relaxation of electron paramagnetic resonance and hole-type recombination luminescence in some ionic crystals. I. Pung. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:1958-1969 D '67.
- Nuclear magnetic resonance method of studying the conformation of ethylenediamine complexes of nickel in aqueous solution. K. I. Zamarayev, I. U. N. Molin, G. I. Shubinskaya. *Zhur. strukt. khim.* 7 no. 5:798-800 S-O '66.
- Nuclear magnetic resonance spectra of P^{31} and M^{19} in fluorophosphides of phosphorus acids. V. Shetuchenko and others. *Dokl. AN SSSR* 177 no. 2:376-379 N '67.
- Objective evaluation of the intensity of lead chromate scintillators. V. V. Verkhovantsev. *Lokatsiya mat. i ikh. prim.* no. 5:91-95 '67.
- Objective lenses and eyepieces of modern microscopes. T. I. Sokolova, A. P. Grammatin. *Opt.-mekh. prom.* 34 no. 10:56-62 O '67.
- On the application of complex Fabry - Perot etalon in studying transparent inhomogeneities. I. V. Skokov. *Zhur. prikl. spekt.* 6 no. 1:16-21 Ja '67.
- On the chemical compatibility of glasses for fiber optics. V. N. Polukhin, M. V. Zimina. *Opt.-mekh. prom.* 34 no. 11:65-68 N '67.
- On the retrieval of wave front by means of holograms transmitted by television. I. S. Klimenko, G. I. Rukman. *Zhur. tekhn. fiz.* 47 no. 8:1572-1574 Ag '67.
- Optical anisotropy of film produced by oblique incidence of a molecular beam. N. K. Borodkina, L. P. Strakiov. *Vest. LGU* 22 no. 10:15-49 Ag '67.
- Optical characteristics of MoO_3 . A. I. Shkol'nik. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:2050-2051 D '67.
- Optical characteristics of phosphor-activated alkali halide crystals. B. I. Plachenov and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:2025-2027 D '67.
- Optical combination in biaxial crystals. B. V. Bakul'. *Zhur. prikl. spekt.* 7 no. 4:621-621 O '67.
- Optical constants of tellurium in the long-wave infrared range. R. K. Bogdanov, A. G. Zhukov. *Zhur. prikl. spekt.* 6 no. 1:125-127 Ja '67.
- Optical properties of silver iodide films. R. N. Kurdiunova, D. T. Sviridov. *Kristallografiya* 12 no. 1:733-734 Ji-Ag '67.
- Optimization of dimensions of counters and dispersers in an experiment to determine the polarization of weak X rays. A. V. Zharko. *Vest. Mosk. un. Ser. 3: Fiz., astron.* 22 no. 6:91-97 N-D '67.
- Organic absorption light filters of a fragmented type for the 310 mμ - 500 mμ region of spectrum. M. A. Okatov and others. *Zhur. prikl. spekt.* 7 no. 4:638-643 O '67.
- Oscillation frequency and intensity of the absorption band of the C=C bond of monoderivatives acetylene. F. A. Gasilovich, D. N. Shigin. *Zhur. prikl. spekt.* 7 no. 6:865-866 D '67.
- Paramagnetic shifts in nuclear magnetic resonance spectra and structure of complexes of Ni (II) and Co (III) acetylacetonates with pyridine-N-oxides. T. E. Zayev, I. U. N. Molin. *Zhur. strukt. khim.* 7 no. 5:680-685 S-O '66.
- Pavel Alekseevich Bazhulin; obituary. *Trudy Fiz. inst.* 30:3-6 '67.
- The phenomenon of pseudointersection of dispersion curves. Part I. L. E. Solov'ev, V. S. Rudakov. *Vest. LGU* 22 no. 10:170-171 Ag '67.
- Photometric determination of indium with 4/2-N-methylammonium-azo-resorcinol. Sh. T. Galipov, Kh. S. Abdullayeva, G. S. Andushko. *Uzb. khim. zhur.* 11 no. 1:17-20 '67.
- Photometry in analysis of biologically highly potent drug preparations. Report No. 2. A. M. Aliev. *Farmatsiya* 16 no. 6:66-71 N-D '67.
- Polarization interference phenomena in synthetic fibers. Z. I. Sychova. *Vest. AN BSSR Ser. khim. nav.* no. 3:61-67 '67.
- Polarization of polycrystalline ferroelectric substances. I. S. Zheleznev, T. N. Legizimova, N. B. Tol'dman. *Izv. AN SSSR, Ser. fiz.* 31 no. 11:1900-1911 N '67.
- Possible scheme of a laser with a passive shutter. B. B. Boiko and others. *Zhur. prikl. spekt.* 6 no. 1:36-39 Ja '67.
- Production of neutral light filters by evaporating titanium in a vacuum. P. P. Khomankova, L. V. Guskova, T. S. Sopronkina. *Zhur. prikl. spekt.* 7 no. 6:968-969 D '67.
- Pulsation theory in a ring laser. G. S. Kruglik. *Zhur. prikl. spekt.* 7 no. 4:569-577 O '67.
- Spectrofluorimetric study of the interaction between myosin and ATP. E. A. Burshtein. *Zhur. prikl. spekt.* 6 no. 1:81-81 Ja '67.
- RS-60 nuclear magnetic resonance-spectrometer. A. N. Liubimov, A. F. Vainik, A. V. Kossenkikh. *Zhur. strukt. khim.* 7 no. 5:691-699 S-O '66.
- Raman scattering and infrared absorption in alkali halide crystals with defects. A. I. Stepanov, T. I. Makarmova. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:2017-2024 D '67.
- Recombined radiation of ZnS in the case of electric excitation. A. N. Gorbizant, V. I. Steblin. *Zhur. prikl. spekt.* 7 no. 4:581-588 O '67.
- Red photoluminescence of native asphalerites. I. N. Platonov, A. N. Tatarskhan. *Dokl. AN SSSR* 177 no. 2:415-417 N '67.
- Relation between long-wave band shift of the complex compounds of rare earths and their structure. N. K. Davidenko, K. B. Iatsimskii. *Zhur. strukt. khim.* 7 no. 5:700-707 S-O '66.
- Role of optical phonons in a band-to-band magnetooptical absorption of semiconductors. L. I. Korovin, S. T. Palov. *Zhur. eksp. i teor. fiz.* 53 no. 5:1708-1716 N '67.
- Selecting the reflection coefficient of mirrors of a multiple-wave interferometer. A. I. Akimov, G. I. Kiomskii, I. V. Skokov. *Vest. Mosk. un. Ser. 3: Fiz., astron.* 22 no. 6:81-85 N-D '67.
- Self-localization of excitons and optical phenomena in ionic crystals. R. Kink and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:1982-1985 D '67.
- Sensitivity of a multiple-wave interferometer. I. V. Skokov, G. I. Kiomskii. *Vest. Mosk. un. Ser. 3: Fiz., astron.* 22 no. 6:100-101 N-D '67.
- Series-type multiray interferometric system. I. M. Nagibina, N. A. Polushkina, V. A. Moskalov. *Izv. vys. ucheb. zav. fiz.* 10 no. 11:98-102 '67.
- Shape of the spectral line of oscillation at small amplitude and frequency fluctuations. A. N. Malakhov. *Izv. vys. ucheb. zav. fiz.* 10 no. 6:885-888 '67.
- Small modes of symmetrical ring resonators. V. A. Kiselev. *Zhur. prikl. spekt.* 6 no. 1:45-50 Ja '67.
- Solution to one problem of magnetic contrast in the electron microscope. V. I. Petrov, A. E. Lukhanov, G. V. Spivak. *Vest. Mosk. un. Ser. 3: Fiz., astron.* 22 no. 6:102-104 N-D '67.
- Some data on the crystallochemical selection of materials for the control of infrared radiation beams. I. S. Rez. *Izv. AN SSSR, Ser. fiz.* 31 no. 11:1005-1008 N '67.
- Spectral characteristics of phosphors on mixed bases at poor miscibility. L. A. Lembera. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:1979-1981 D '67.
- Spectral-luminescent properties of terbium complexes with aromatic monohydroxy-carboxylic acid and dihydroxy-carboxylic acid and their derivatives. Part I: Absorption and luminescence spectra. N. P. Bogoroditskii and others. *Zhur. prikl. spekt.* 6 no. 1:66-71 Ja '67.
- Spectrometric method for the determination of the quality of alcohol. E. T. Podlubina and others. *Ferm. i spirt. prom.* 31 no. 8:1-4 '65.
- Spectrophotometric study of p-sulfamidobenzoilazo-6-hydroxyquinoline. N. I. Kikova, G. M. Pitschenko. *Zhur. anal. khim.* 22 no. 10:1451-1458 O '67.
- Spin-lattice relaxation in radicals of ascorbic acid, l-cysteine, and l-cysteine at low temperatures. T. S. Zhuravleva. *Zhur. strukt. khim.* 7 no. 5:800-801 S-O '66.
- Standardization of color measurements. E. N. Iustova. *Izvestiya, no. 11:25-120* N '67.
- The State Optical Institute on the eve of the 50th anniversary of the U.S.S.R. M. M. Mironov. *Opt.-mekh. prom.* 34 no. 11:5-10 N '67.
- Structure of water solution in acetone and triethylamine from the data produced by the spin echo method. I. U. N. Molin, G. M. Drabkin. *Zhur. strukt. khim.* 7 no. 5:662-667 S-O '66.
- Study of the statistical properties of strong light intensity fluctuations during its propagation in the ground layer of the atmosphere. M. E. Grachova. *Izv. vys. ucheb. zav. fiz.* 10 no. 8:776-788 '67.
- Studying SnCl_4 by means of Raman scattering spectra at room temperatures and low temperatures. I. Savatinnova, M. Markov. *Zhur. prikl. spekt.* 7 no. 4:580-603 O '67.
- Studying the characteristics of scintillation plastic granules. I. U. A. Tsvirina and others. *Zhur. prikl. spekt.* 6 no. 1:85-89 Ja '67.
- Studying the effect of wave aberration on the frequency-contrast characteristics of an optical system. L. S. Klepikova. *Opt.-mekh. prom.* 33 no. 10:22-23 O '66.
- Studying the infrared spectra of polymer absorption on a bisphenol and formaldehyde base in the process of their hardening and thermal destruction. L. I. Komarova and others. *Zhur. prikl. spekt.* 7 no. 1:611-614 O '67.
- Studying the ionic forms of azaporphyrines. T. I. Stukova, G. P. Gurnovich. *Zhur. prikl. spekt.* 7 no. 6:881-886 D '67.
- Studying the nature of luminescence centers in $\text{PbSO}_4\text{-Ca}$, 5m crystal phosphors. O. A. Fakueva and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:2080-2082 D '67.
- Studying the relationship between the structure of radiating centers of colloidal acid in solutions and crystals and the polarization of fluorescence. V. I. Gubkov, N. D. Zheandiro. *Zhur. prikl. spekt.* 7 no. 1:604-606 O '67.
- Studying the second order lines in the vibrational spectra of molecules. Z. Muldakhmetov. *Trudy Fiz. inst.* 39:7-51 '67.
- Studying the spectrum of the thermal and induced molecular scattering of light in liquids. V. S. Stannov. *Trudy Fiz. inst.* 39:151-218 '67.
- Studying the shape and internal structure of neodymium emission bands in solid matrices. V. L. Boudie and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:2077-2079 D '67.
- Swinging of liquid molecules and the Rayleigh line wing. P. T. Nikolaenko, A. I. Provin. *Izv. vys. ucheb. zav. fiz.* 10 no. 8:107-111 '67.
- Theory of thermal quenching of luminescence of pyramagnetic local centers in ionic crystals. I. U. E. Petlin, B. S. Tsukerblat. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:2037-2069 D '67.
- Thermal quenching of luminescence and photolysis of AgBr and $\text{AgBr-Ag}_2\text{S}$ phosphors. N. A. Orlovskaya, V. M. Belous, A. I. Golub. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:1949-1951 D '67.
- Three-component varifocal system for the infrared region of the spectrum. V. G. Pospelov. *Izv. vys. ucheb. zav. fiz.* 10 no. 11:86-92 '67.
- Triboluminescence spectrum of lithium fluoride crystals. L. M. Belava, I. U. N. Martyshev. *Zhur. prikl. spekt.* 6 no. 1:114-117 Ja '67.
- Usability of crystalline indium antimonide as a light filter for the infrared spectral region. I. M. Nesmolova, N. P. Tsitsina. *Opt.-mekh. prom.* 34 no. 10:65-66 O '67.
- Use of a surface spark discharge for laser pumping. S. A. Andreev, M. P. Yanukov, E. V. Daniel. *Zhur. tekhn. fiz.* 37 no. 8:1527-1529 Ag '67.
- Use of the luminescence method in studying the ionic processes in silver halide phosphors. V. M. Belous, S. I. Golub, N. A. Orlovskaya. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:1946-1948 D '67.
- Use of the polynomial approximation method in studying the laws governing the intake of matter in a light source. V. D. Ivanova, V. I. Kasatkina, K. I. Taganov. *Zhur. prikl. spekt.* 7 no. 4:559-563 O '67.
- Using the infrared spectroscopy in the investigation of the structure of cellulose pyrophosphates and its conversion products. N. I. Garbuz and others. *Zhur. prikl. spekt.* 7 no. 6:854-858 D '67.
- Vessels for obtaining infrared absorption spectra of condensed and gaseous matter in a wide temperature range. A. K. Petrov, A. L. Revutskii. *Zhur. prikl. spekt.* 7 no. 4:641-646 O '67.
- Vibrational spectra of trideuterio-1,3-butadiene and monodeuteriovinylacetylene. I. U. N. Panchenko, T. A. Suan'khon'. *Izv. A. P. P. Vest. Mosk. un. Ser. 2: Khim.* 22 no. 6:32-41 N-D '67.
- Widening of spectral lines in the case of large amounts of copper in an arc discharge. G. V. Ovechkin, L. E. Sandrigallo. *Zhur. prikl. spekt.* 7 no. 8:937-939 D '67.
- X-ray fluorescence $\text{K}\alpha_2$ -lines of copper in catalytic active chlate compounds. R. G. Akopdzhanov, F. E. Vainshtein. *Kin. i kat.* 8 no. 4:933-935 '67.

535.31 GEOMETRICAL OPTICS. REFLECTION, REFRACTION

Kolechinskii, I. G. [Refraction of light in the earth's atmosphere. Review] *Refraktsiya sveta v zemnoi atmosfere. Obzor*. Kiev, "Naukova dumka," 1967. 44 p.

Quasi-stationary blocks of lateral refraction. I. A. S. Tunoshev. *Izv. vys. ucheb. zav. geod. i aerof.* no. 3:87-94 '65.

535.4 INTERFERENCE, DIFFRACTION, ETC.

Diffraction radiation of a linear source passing past the edge of a half-plane with a unidirectional conductivity. K. A. Baranov, S. Kh. Bekova. *Izv. AN Arm. SSR, Fiz.* 2 no. 4:252-258 '67.

535.5 POLARIZATION, DOUBLE REFRACTION, ETC.

Effect of changing the arrangement of the components of a circuit in measuring the phase difference with a Gabinet compensator. B. I. Yasil'ev. *Opt.-mekh. prom.* 33 no. 10:1-6 O '66.

Generalization of Fresnel formulas for case of the interface of an isotropic medium and a gyrotropic ferro-dielectric substance. O. S. Ertstein. *Izv. AN Arm. SSR, Fiz.* 2 no. 4:238-243 '67.

- Equations for the determination of normal flame velocity in a spherical constant volume bomb. V. S. Bakkin, I. U. G. Kononenko. *Fiz. gor. i vzyryva* 3 no. 2, 268-275 Je '67.
- Evaporation on connate water during isothermal flow of gas in an infinite reservoir. E. I. Petrushevskii, Sh. S. Aslanov, S. I. Patsalov. *Izv. vuz. ucheb. zav., nef't'* 1 gaz 10 no. 6, 57-59 '67.
- Experimental study of turbulent transfer at the separation zone boundary. B. A. Silant'ev. *PMTF* no. 5, 125-129 S-O '66.
- Fayorski, O. N., and I. A. S. Kadanov. [Problems bearing on heat transfer in outer space] *Voprosy teploobmenn v kosmose* Moskva, "Vyssh shkola," 1967 240 p.
- First one-dimensional nonequilibrium thermal-contact boundary value problem. A. M. Abasov. *Dokl. AN Azerb. SSR* 23 no. 7, 3-8 '67.
- Gasification of dispersed carbon in hydrocarbon diffusion flames. Part 3. Flames of acetylene - hydrogen and acetylene - water vapor mixtures. P. A. Tsener, A. M. Tsybul'skii. *Fiz. gor. i vzyryva* 3 no. 2, 261-267 Ju '67.
- [Heat and mass exchange in chemical technology] *Teplo- i massobmen v khimicheskoi tekhnologii* [Kiev, Naukova dumka, 1967] 158 p. (Respublikanskiy mezhvedomstvennyi sbornik. *Teplofizika. Teplotekhnika*.)
- Heat emission of a disc rotating in a sheathing with circulation of an annular jet of air. E. F. Kurpitsov. *Energomashinostroyeniye* 13 no. 12, 35-37 D '67.
- Heat transfer coefficients during boiling of Freon C-318 and Freon 21 on a horizontal tube. G. N. Danilova, A. V. Kuprianova. *Khol. tekhn.* 44 no. 11, 15-21 N '67.
- Heat transfer in the evacuation of a gas volume. V. I. Sidov, G. A. Moruga, M. M. Cherenmykh. *Gidraero-mekhanika* no. 4, 28-31 '66.
- Heat transfer to a plate behind an obstruction. M. G. Kalkherman. *PMTF* no. 5, 130-133 S-O '66.
- Heat transmission in lamellar heat exchangers. V. Enenik. *Teploenergetika* 14 no. 7, 84-86 Ji '67.
- Heat waves in a rod in the presence of a heat supply to the side surface. I. U. V. Lushchitskii. *Dvig. vnutr. sgol* no. 3, 96-101 '67.
- High-frequency pressure oscillations generated by heat transfer to ethyl alcohol. N. L. Kafengauz, M. I. Fedorov. *Teplofiz. vys. temp.* 5 no. 4, 720-723 Ji Ag '67.
- Ignition of powdered fuels behind the shock waves. A. A. Borisov and others. *Fiz. gor. i vzyryva* 3 no. 2, 308-309 Je '67.
- The ignition of reacting substances. A. M. Grishin. *PMTF* no. 5, 25-30 S-O '66.
- In the solid state physics laboratory of Novosibirsk. L. I. Novikov, P. G. Streikov. *Izm. tekhn.* no. 11, 74-76 N '67.
- Influence of thermal conditions on the resistance of welded joints in extrusion welding. A. V. Goshkov, M. G. Dodun, V. V. Auding. *Svar. protz.* no. 12, 40-41 D '67.
- Kinetic properties of air and other gases at high temperatures. I. U. N. Belhaev, V. B. Leonas. *Fiz. gor. i vzyryva* 3 no. 2, 171-187 Je '67.
- Measurement of isochronous heat exchange in the region of the critical point of liquid-steam. A. V. Voronei, I. U. R. Chashkin. *Izm. tekhn.* no. 11, 77-83 N '67.
- Mechanism of drop condensation of metal vapors. M. N. Ivanovskii, I. U. V. Milovanov, V. I. Subbotin. *Teplofiz. vys. temp.* 5 no. 4, 723-726 Ji-Ag '67.
- Mercury melting curve up to 15, 108 n. m. 2. V. S. Begdanov. *Izm. tekhn.* no. 8, 29-30 Ag '67.
- Method of finding the Curie point and measuring the temperature dependence of the dielectric constant of ferroelectric and antiferroelectric substances with high electric conductivity. I. G. Ismailzade, V. I. Nesterenko. *Kristallografiya* 12 no. 4, 717-719 Ji-Ag '67.
- Method of mass-transfer modeling of thermal and hydrodynamic processes. V. S. Shkilar, E. A. Iodko, G. A. Podolskaya. *Gidraero-mekhanika* no. 4, 49-55 '66.
- Mobility of a Brownian particle near the critical point. L. P. Lukin, A. Z. Patazhinskii, T. A. Cherepanova. *Zhur. eksp. i teor. fiz.* 53 no. 5, 1622-1629 N '67.
- Modeling of the temperature fields of steam turbine hulla using two-dimensional network models. O. T. Pl'chanko. *Teploenergetika* 14 no. 7, 50-52 Ji '67.
- Nature of physicochemical phenomena in welded and brazed joints. M. Kh. Shorshorov, I. U. L. Krasulin. *Svar. protz.* no. 12, 1-4 D '67.
- New formulas for calculating the brightness and color temperature. G. N. Brazhichenko. *Izm. tekhn.* no. 8, 35-37 Ag '67.
- Noncontact temperature measurement of rotating machine parts. L. P. Egorchev. *Izm. tekhn.* no. 8, 32-34 Ag '67.
- On some problems bearing on an unknown boundary for the thermal conductivity equations. S. N. Krushkov. *Prkl. Mat. i mekh.* 31 no. 5, 1008-1020 N-D '67.
- Periodic diamagnetic structures and phase transitions. M. I. Azbel'. *Zhur. eksp. i teor. fiz.* 53 no. 5, 1751-1764 N '67.
- Phase effect of pulsating heat transfer and its electro-modeling. I. U. A. Sozin, V. S. Iaroshevich. *Gidraero-mekhanika* no. 4, 32-38 '66.
- A problem involving diffusion in a system of two media. E. M. Kartashov, G. M. Bartenev, I. V. Razumovskaya. *Zhur. vych. mat. i mat. fiz.* 7 no. 6, 1423-1429 N-D '67.
- Properties of matter at a critical point. I. U. N. Belhaev. *Izm. tekhn.* no. 8, 3-9 Ag '67.
- Reaction of cobalt with the compound Co_2Si . I. A. Babitskaya, A. A. Babitskaya. *Mosk. un. Ser. 2 Khim.* 22 no. 6, 87-88 Ji '67.
- Regular thermal conditions of a three-phase system and plate. S. K. Akhmedov, A. A. Gyl'mov. *Fiz. ucheb. zav., prib.* 10 no. 11, 105-108 '67.
- Review of K. K. Andreeva's book "Thermal and combustion of explosives." A. I. Babin. *Fiz. gor. i vzyryva* 3 no. 2, 10-11 Je '67.
- Selection of a coolant for the radiative cooling of a spacecraft. O. N. Fayorski. *Teplofiz. vys. temp.* 5 no. 1, 694-697 Ji-Ag '67.
- Separation of the fluidized part from the plastic part of coals. I. U. V. Brikov. *Kok. i khim.* no. 1, 1-2 '67.
- Set of standards for temperature measurement. I. U. N. Belhaev. *Izm. tekhn.* no. 11, 78-79 Ji '67.
- Simplified heat receivers for measuring the rate of time of medium and heat-transfer coefficient arbitrarily vary with time. A. M. Azhukov. *Fiz. vys. temp.* 5 no. 1, 655-656 Ji Ag '67.
- Some data on heat transfer during the boiling of water under conditions of forced flow in a pipe at a pressure of 100 atm. A. S. Zeligant, A. S. Komarov. *Energetika* 13 no. 12, 50-53 D '66.
- Some problems of heat calculation of pipelines for simultaneous transportation of oil and gas. A. I. Guchov, I. Kh. Levynbik. *Izv. vuz. ucheb. zav., nef't'* 1 gaz 10 no. 10, 74-78 '67.
- Stability of steady-state solutions in the theory of explosions. S. A. Karginov. *Prkl. Mat. i mekh.* no. 6, 1081-1085 N-D '67.
- Study of heat emission during the boiling of water. I. U. N. Belhaev. *Energetika* 13 no. 12, 57-59 D '66.
- Study on pyroelectric receivers. L. G. Koshchik. *Opt. mekh. prom.* 33 no. 10, 17-21 O '67.
- Studying the process of TiCl_4 reduction by hydrogen and methane. V. P. Plutkin, I. U. N. Belhaev. *Izv. vuz. ucheb. zav., nef't'* 1 gaz 10 no. 8, 89-90 '67.
- Studying the thermodynamic properties of liquid alloys by the electromotive force method. A. V. Goshkov, I. U. N. Belhaev, V. A. Zhurav. *Izv. vuz. ucheb. zav., nef't'* 1 gaz 10 no. 5, 90-96 '66.
- Temperature condition of a radiating plate with a heat source. V. V. Ivanov, A. V. L'vov. *Energetika* 13 no. 12, 151-155 '66.
- Temperature regime of the Bibl'evskii oil field. S. A. Markatova. *Izv. vuz. ucheb. zav., nef't'* 1 gaz 10 no. 17-20 '67.
- Thermal capacity of molten gallium and its temperature dependence. I. A. Akhmedova. *Izm. tekhn.* no. 11, 74-76 N '67.
- Thermochemistry of barium compounds. A. I. V. Goshkov, A. D. Monomakh, S. M. Skuratov. *Vys. temp.* 2 Khim. 22 no. 1, 4-10 N-D '67.
- Thermodynamic analysis of conditions of extraction of hydrogen from sulfate and chloride salts. I. U. N. Belhaev, A. N. Krasovnikov. *Izv. vuz. ucheb. zav., nef't'* 1 gaz 10 no. 5, 117-125 '67.
- Thermodynamic properties of the acetone - water system. E. P. Sokolova, A. G. Morachevskii. *Vest. Lening. univ.* no. 16, 110-115 Ag '67.
- Thermodynamic studies of a dimethylaminoethane - water system at low temperatures within the 5-40 K range. M. P. Nagiev, K. A. Kuznetsov, S. A. Mikhlin. *Dokl. AN Azerb. SSR* 21 no. 8, 11-10 '67.
- Thermomagnetic effect of cobalt at phase transitions. E. V. Zubov. *Izv. vuz. ucheb. zav., nef't'* 1 gaz 10 no. 131-133 '67.
- Thermomagnetic effect of Fe_3Al alloy. V. V. Zolotarev, M. I. Skolobova. *Izv. vuz. ucheb. zav., nef't'* 1 gaz 10 no. 133 '67.
- Unit for absolute measurements of specific electric conductivity of metals and alloys at temperatures above 1000°C. V. I. Voskresenskii, V. I. Plutkin, D. L. Timof. *Teplofiz. vys. temp.* 5 no. 1, 655-656 Ji-Ag '67.
- Volatility of ethyl alcohol in water-alcohol solutions in the presence of individual fuel oil alcohols. I. U. N. Belhaev, E. I. Knogotkova. *Term. i upr. pri.* no. 8, 25-27 '65.

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- Calculation of temperature reserve in Rybinsk Reservoir. N. V. Butoiin, S. S. Bakastov. *Tekhn. i inzh. fiz.* no. 7, 79-82 '65.
- Temperature distribution and dynamics in Rybinsk Reservoir in winter. S. S. Bakastov. *Tekhn. i inzh. fiz.* vnut. vod. no. 7, 70-78 '65.
- Temperature reserve in Rybinsk Reservoir at different seasonal changes. O. F. Kondratsova. *Tekhn. i inzh. fiz.* vnut. vod. no. 7, 81-89 '65.

536.24 HEAT TRANSFER, EXCHANGE

- Calculating the nonlinear thermal conductivity of elements heated by electric current, and with electric conductivity dependent on temperature. A. A. Furman, V. V. Ivanov. *Teplofiz. vys. temp.* 5 no. 1, 718-720 Ji-Ag '67.

- Calculating the transfer coefficients for cesium vapor
F. K. Rodionova. *Toplofiz. vys. temp.* 5 no. 1 591-600. 11-Ag '67.
- Magnitude of phonon conductivity in metals and alloys
R. E. Krizhzhinovskii. *Toplofiz. vys. temp.* 5 no. 1 601-606. 11-Ag '67.
- New method of heat measurements. V. A. Gushin.
Izv. vuz. ucheb. zav., mashinost. no. 6 70-75 '67.
- Self-similar problem of heating a semi-infinite body
taking into account mass transport and physico-chemical transformations under the material. K. K. Vashil'ski. *Toplofiz. vys. temp.* 5 no. 1 616-623. 11-Ag '67.
- 536.48 LOW TEMPERATURE PHENOMENA**
- Interchannel reactor cryostat with distant cooling. F. I. Andonukashvili, L. A. Vashchukina, L. A. Zamiatadze. *Izv. miz. temp.* no. 2 52-60 '66.
- Nature of phase transitions in rotating liquid helium.
F. I. Andonukashvili, Dzh. S. Tsakadze. *Izv. miz. temp.* no. 2 55-59 '66.
- Relaxation processes connected with the temperature change of rotating liquid helium. G. V. Gudabidze, Dzh. S. Tsakadze. *Izv. miz. temp.* no. 2 61-64 '66.
- Rotation of viscous and superfluid liquids. Dzh. S. Tsakadze. *Izv. miz. temp.* no. 2 65-67 '66.
- Studying the characteristics of quantized vortices in liquid He II under conditions of supercritical vibrations and uniform rotation. R. A. Babidze, *Fiz. miz. temp.* no. 2 61-65 '66.
- 537 ELECTRICITY**
- Use of the effect on paramagnetic resonances method in studying the mechanisms underlying the electroconductivity of glasses of the ternary system $V_2O_5 - P_2O_5 - WO_3$. L. D. Bogomolova, V. N. Lavrubin, N. V. Peltovskikh. *Dokl. AN SSSR* 177 no. 2 310-313 N '67.
- 537.2 ELECTROSTATICS. ELECTRIC CHARGES, ETC.**
- Absorption of ultrasound in dielectric crystals with high impurity concentrations. L. F. Gurevich, B. I. Shklovskii. *Zhur. eksp. i teor. fiz.* 53 no. 5 1726-1734 N '67.
- Dielectric properties of pure and non- and chromium-doped $SiTiO_3$ crystals. B. N. Matsenashvili, *Kristallografiya* 12 no. 4 612-615. 11-Ag '67.
- Effect of a constant electric field on the thermal conductivity of ceramic specimens of solid solutions on barium titanate and triglycine sulfate single crystal base in the phase transition region. L. N. Dimarova, I. U. M. Poplavko, *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1812-1814 N '67.
- Electric properties of single crystals of $BaTiO_3 - CdTiO_3$ solid solutions. L. V. Sinikova, E. P. Dudnik, *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1780-1789 N '67.
- Electric properties of solid solutions of binary systems on lithium titanate base. L. A. Alekandrov, K. E. Lefter, I. D. Fridberg, *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1800-1801 N '67.
- Experimental determination of some electrostatic coefficients of ammonium dihydrogen phosphates. M. P. Zaitseva, A. A. Potchenkov. *Kristallografiya* 12 no. 4 716-717. 11-Ag '67.
- Ferroelectricity in the tetramethylammoniumtri-iodomercurate, V. A. Gorkin and others. *Kristallografiya* 12 no. 4 697-701. 11-Ag '67.
- Field of a three-electrode cylindrical electrostatic lens. L. G. Chikman, T. M. Akushev. *Zhur. tekhn. fiz.* 37 no. 11 2097-2099 N '67.
- Filling of traps of the electroluminescent EL-460 when excited by an electric field. P. E. Ramazanov, V. V. Nurvanova, *Izv. vuz. ucheb. zav., fiz.* 10 no. 8 47-51 '67.
- Forming of electrolytic condensers. N. I. Mikhoev. *Vest. pishchev. obr.* no. 12 47-60 D '67.
- Investigating the source of electrostatic sparks presenting explosion hazard during the operation of equipment. P. S. Zaitsekh. *Ugol* 13 no. 1 61-62. 11-Ag '68.
- Light modulator with a circular polarized modulating field. V. I. Zharikov. *Kristallografiya* 12 no. 4 741-742. 11-Ag '67.
- Method of finding the Curie point and measuring the temperature dependence of the dielectric constant of ferroelectric and antiferroelectric substances with high electric conductivity. I. G. Ismailzade, V. I. Nesterenko. *Kristallografiya* 12 no. 1 717-719. 11-Ag '67.
- Piezoelectric properties of the system of $PbTiO_3 - PbZrO_3 - PbMg_{0.5}W_{0.5}O_3$ solid solutions. I. U. L. Stopylin, V. A. Isupov. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1814-1817 N '67.
- Quadratic electrooptical effect in ammonium dihydrogen phosphate single crystals. V. E. Perfilova. *Kristallografiya* 12 no. 4 715-716. 11-Ag '67.
- Rezvikh, K. A.** [Calculation of electrostatic fields of high-voltage apparatus] *Raschet elektrostatozhskikh polei v apparatov vysokogo napriazhenia*. Moskva, "Energiya," 1967. 119 p.
- Spontaneous electrooptical effect in the tetragonal $BaTiO_3$. I. S. Zheludev, T. V. Sidorenko, S. I. Teplakova. *Kristallografiya* 12 no. 4 604-606. 11-Ag '67.
- Static electricity. V. Aleksandrov, *Grazhd. av.* 24 no. 9 27 S '67.
- Studying the nonlinear and switching characteristics of variable film capacitors. T. N. Verbitskaya and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1833-1837 N '67.

- Theory of discontinuities in magnetohydrodynamics when an external electric field is present. L. V. Ioffe, A. I. Sait. *Mag. gidr.* no. 4 143-144 '67.
- Theory of flexural waves in a plate in an external electric field. L. V. Ioffe. *Zhur. tekhn. fiz.* 37 no. 8 1546-1547. Ag '67.
- Theory of tunnel transitions of electrons in crystals. A. E. Glauberman, I. I. Tal'ianskii. *Zhur. eksp. i teor. fiz.* 53 no. 5 1678-1689 N '67.
- 537.226 DIELECTRICS. FERROELECTRICITY**
- Harkhausen effect in ferroelectric crystals subjected to the effect of X-ray and γ -radiation. N. S. Komukhova, V. M. Rudnik, *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1762-1763 N '67.
- Calculating the orientational dielectric polarization of ferroelectric ceramic substances with different crystal structure. V. A. Isupov. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1793-1797 N '67.
- Dielectric properties of c-domain $BaTiO_3$ single crystals in the decimetric wave range. A. V. Turk, K. R. Chernyshev. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1775-1778 N '67.
- Diffraction study of the surface state of barium titanate single crystals grown by Remekins method. V. P. Dudkevich, E. G. Feshenko, V. G. Gavrilachenko. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1779-1781 N '67.
- Dispersion of the dielectric constant in ferroelectric substances with perovskite-type structure at high and superhigh frequencies. N. P. Khuchua, *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1870-1873 N '67.
- Dispersion of the dielectric constant of barium titanate in a wide range of frequencies and temperatures. V. M. Petrov, A. I. Uteverovskii. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1802-1804 N '67.
- Effect of barriers on the electrical strength of oil-saturated paper insulation. D. D. Rumiantsev. *Izv. TPI* 152 15-23 '66.
- Effect of radiative defects on the ferroelectric properties of Rochelle salt and triglycine sulfate crystals. E. V. Peshkov, S. V. Staredukhov. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1750-1753 N '67.
- Effect of uniaxial mechanical compression on the phase transformations in $BaTiO_3$ single crystals. E. V. Sinikova, S. A. Merova, O. A. Kulyshkin. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1768-1770 N '67.
- Electric properties of $SrTiO_3$ single crystals. M. V. Rozhdestvenskaya, V. A. Kuzina. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1916-1918 N '67.
- Electromechanical properties of barium titanate with cobalt impurity. L. K. Bunina, A. I. Kudrin, E. V. Sinikova. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1782-1785 N '67.
- Experimental study of the effect of γ -radiation on the electric and spectral characteristics of triglycine sulfate. G. S. Danilchuk, L. S. Kremenchugskii, A. F. Mal'nev. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1751-1756 N '67.
- Frequency responses of triglycine sulfate crystals and Rochelle salt. I. U. M. Poplavko, L. P. Solomonova. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1771-1774 N '67.
- Ferroelectric anomalies of dielectric and piezoelectric properties of RbH_2PO_4 and KD_2PO_4 crystals. L. A. Shvalov and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1919-1922 N '67.
- Methods for selecting compensating capacitance in a peaking system. A. I. Usov. *Izv. TPI* 152 21-31 '66.
- Optical studies of heavily doped n-InAs and p-InAs. I. U. M. Poplavko, *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1807-1809 N '67.
- Polarization of polycrystalline ferroelectric substances. I. S. Zheludev, T. N. Lezhigina, N. B. Fedtman. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1909-1911 N '67.
- Pyroeffect in crystals and ceramics of ferroelectric substances. V. A. Borodin and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1810-1820 N '67.
- Relation between the properties of piezoceramic substances and the nature of their orientational dielectric polarization. V. A. Isupov. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1807-1809 N '67.
- Some characteristics of composite ferroelectric substances and antiferroelectrics with perovskite-type structure at superhigh frequencies. N. P. Khuchua, L. N. Shamlova, V. V. Mal'tseva. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1891-1893 N '67.
- Study on pyroelectric receivers. L. S. Kremenchugskii. *Opt. mekh. prom.* 33 no. 10 17-21 O '66.
- Study of the nonlinear properties of $BaTiO_3$ single crystals by applying uniaxial mechanical compression. E. V. Sinikova, S. A. Merova. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1912-1914 N '67.
- Studying the dependence of the reversible dielectric constant on the field intensity in polycrystalline $BaTiO_3$ and $(Ba, Sr)TiO_3$ solid solutions above the Curie point. V. V. Kirillov, V. A. Isupov. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1835-1838 N '67.
- Studying the ferroelectric substances at superhigh frequencies. I. U. M. Poplavko. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1865-1869 N '67.
- Studying the long-range order and the short-range order of ions in some ferroelectric composite perovskites. V. M. Iudin and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1798-1802 N '67.
- Studying the nonlinear ferroelectric substances at superhigh frequencies. M. M. Nekrasov. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1865-1867 N '67.

- Studying the properties of some microcrystalline glass materials with a ferroelectric base. V. V. Chkalova and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1858-1860 N '67.
- Studying the spectrum of optical reflection from crystals of heavily doped n-InAs and p-InAs. U. Zhumakulov, I. U. M. Poplavko, I. U. M. Burdakov. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1874-1878 N '67.
- Studying the structure and dielectric properties of solid solutions of the system $NaNO_3 - CdTiO_3$. V. M. Lebedev, V. V. Chkalova, I. U. M. Venetskiy. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1810-1813 N '67.
- Studying the superhigh-frequency dielectric properties of solid solutions of composite perovskites. $Pb(Yb_{1/2}Nb_{1/2})O_3 - Pb(Fe_{1/3}W_{1/3})O_3 - Pb(Co_{1/2}W_{1/2})O_3$. A. I. Uteverovskii, V. M. Petrov, G. S. Zhdanov. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1894-1897 N '67.
- Studying the superhigh-frequency dispersion of polycrystalline barium titanate. V. V. Dem'ianov, S. P. Solov'ev. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1874-1878 N '67.
- Superhigh-frequency dielectric dispersion in low-temperature phases of barium titanate. V. M. Petrov, A. I. Uteverovskii. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1879-1881 N '67.
- Superhigh-frequency dielectric properties of barium titanate with Nb_2O_5 and $CoTa_2O_7$ impurities. S. V. Martynova, V. M. Petrov. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1888-1890 N '67.
- Theory of dispersion of the dielectric constant of polycrystalline $BaTiO_3$ in the superhigh-frequency range. A. V. Turk. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1861-1864 N '67.
- 537.3 ELECTRIC CURRENT. ELECTROKINETICS**
- Bondarenko, V. M. [Problems of nonlinear circuit analysis] *Voprosy analiza nelineynykh elektricheskikh i elektronnykh tspelei*. Kiev, "Naukova dumka," 1967. 155 p.
- Characteristics of the behavior of the critical current in wires of superconducting alloys as dependent on the magnetic field and temperature. B. G. Lazarev, L. S. Lazareva, S. I. Goidov. *Dokl. AN SSSR* 177 no. 6 1310-1312 D '67.
- Coloring and breakdown of barium titanate. N. I. Shefer, L. V. Buisan. *Izv. vuz. ucheb. zav., fiz.* 10 no. 8 60-64 '67.
- Conductivity and infrared spectra of organic semiconductors in liquid state. M. I. Bashmakova, P. K. Miltsevich, E. V. Brusse. *Izv. vuz. ucheb. zav., fiz.* 10 no. 8 148-151 '67.
- Dependence of the mobility of electrons in indium arsenide films on the orientation of crystalline particles. V. I. Vlasov, S. A. Semiletov. *Kristallografiya* 12 no. 4 734-735. 11-Ag '67.
- Determining the value of biphasic short-circuit currents taking into account the influence of asynchronous motors. I. A. Kocharev. *Gor. elektromekh. i avtom.* no. 6 29-33 '66.
- Dissolution of nickel in sulfuric acid in its polarization by alternating current. N. D. Tomashov, N. M. Stukov, G. T. Strukova. *Zhur. fiz. khim.* 41 no. 8 2100-2102. Ag '67.
- Distribution of the stimulants of electrolytic hydrogen treatment between solution, gaseous products of electrolysis, and cathode surface. Hydrogen permeability of steel membranes. Part 1: Antimony. V. P. Alkin, G. V. Khaidzev, V. N. Lomako. *Uch. zap. Perm. gos. un.* no. 159:146-156 '66.
- Distribution of the stimulants of electrolytic hydrogen treatment between solution, gaseous products of electrolysis, and cathode surface. Hydrogen permeability of steel membranes. Part 2: Arsenic. V. P. Alkin, I. A. Usitnova. *Uch. zap. Perm. gos. un.* no. 159:157-164 '66.
- Distribution of the stimulants of electrolytic hydrogen treatment between solution, gaseous products of electrolysis, and cathode surface. Hydrogen permeability of steel membranes. Part 3: Selenium. V. P. Alkin, V. I. Lobanova. *Uch. zap. Perm. gos. un.* no. 159:165-172 '66.
- Distribution of the stimulants of electrolytic hydrogen treatment between solution, gaseous products of electrolysis, and cathode surface. Hydrogen permeability of steel membranes. Part 4: Tellurium. V. P. Alkin, V. N. Lomako. *Uch. zap. Perm. gos. un.* no. 159:173-178 '66.
- Effect of alkaline cations on electroconductivity of iron-containing glass. L. A. Paimberg. *Izv. AN SSSR, Neorg. mat.* 3 no. 12 2240-2244 D '67.
- Effect of color centers on the electric properties of some alkali halide crystals. M. V. Pashkovskii, A. D. Tkachuk. *Izv. AN SSSR, Ser. fiz.* 31 no. 12 2043-2045 D '67.
- Effect of isotopic composition on the electric conductivity of cadmium. G. Kh. Panova, B. N. Samoilov. *Zhur. eksp. i teor. fiz.* 53 no. 5 1530-1544 N '67.
- Effect of small substitutions of germanium by zinc on the thermoelectric properties of GeTe. I. A. N. Nasirov, V. A. Nagiev, A. A. Zaimalov. *Dokl. AN Azerb. SSR* 23 no. 7 14-16 '67.
- Effect of sulfidation of steel membranes on the diffusion of electrolytic hydrogen through them. V. P. Alkin, O. S. Domracheva. *Uch. zap. Perm. gos. un.* no. 159:186-194 '66.

- 537.3 (Cont'd.)
- Effect of the temperature of the cathode on the systems of the discharge current. I. V. Gaiduk, L. A. Klinkova, V. I. Torbov. Izv. AN SSSR Neorg. mat. 5 no. 12 2286-2288 D '67.
- Unit for absolute measurements of specific electric conductivity of metals and alloys at temperatures above 1000°C. V. U. Voskresenskiy, V. E. Polukhin, D. L. Tsvetkov. Toplofiz. vys. temp. 5 no. 1 698-703 D-Ag '67.
- Vacancies in irradiated lithium fluoride crystals. L. T. Vorozhezhkina, D. D. Igutskanishvili. Izv. AN SSSR, Ser. fiz. 31 no. 12 1940-1942 D '67.
- 537.5 ELECTRIC DISCHARGES, RADIATION, IONIZATION
- Application of high-frequency electrodeless discharge in the emission spectrum analysis of solutions. K. A. Egorov. Zhur. prikl. spekt. 6 no. 1 22-26 Ja '67.
- Blazhobzhskii, A. V. [Radiation corrosion] Radiatsionnaya korrozia. Moskva, "Nauka," 1967. 216 p.
- Calculating the electron distribution functions in a low-temperature gas-discharge molecular plasma. V. N. Sosnitskiy, E. S. Trekhov. Zhur. tekhn. fiz. 37 no. 8 1411-1421 Ag '67.
- Calculating the nonlinear thermal conductivity in fuel elements, heated by electric current, and with electric conductivity dependent on temperature. A. V. Puzman, V. V. Ivanov. Toplofiz. vys. temp. 5 no. 1 718-720 D-Ag '67.
- Calculation of the current and voltage pulses generated by ionized particles in a free semiconductor counter. I. Iminov. Izv. AN Uz. SSR, Ser. fiz. -mat. nauk 11 no. 4 42-46 '67.
- Characteristics of the conditions for current limitation by a space charge in an interelectrode space with dielectric walls. M. N. Deviatkov and others. Vest. Mosk. un. Ser. 3 Fiz., astron. 22 no. 6 49-55 N-D '67.
- Comparative studies of luminous and electric characteristics of neon and xenon tubular flash lamps. S. I. Andreev, M. P. Vanukov, V. E. Gavrilov. Zhur. prikl. spekt. 6 no. 1 27-32 Ja '67.
- Conditions for the existence of a "pinch" structure of the skin-level in a plasma. V. N. Grigor'ev. PMTF no. 5 58-63 S-O '66.
- Currents preceding an electric breakdown in a vacuum. I. N. Sil'kov. Zhur. tekhn. fiz. 37 no. 11 2015-2020 D '67.
- Density fluctuations of the Cherenkov radiation in extensive air showers on sea level. N. N. Kalmykov. IAD. fiz. 6 no. 5 1019-1022 N '67.
- Determining the temperature in a stationary high-frequency induction discharge. R. E. Revinskii and others. Toplofiz. vys. temp. 5 no. 4 557-561 D-Ag '67.
- Development of a channel of a surface discharge. M. P. Vanukov, I. V. Danilov. Zhur. tekhn. fiz. 37 no. 8 1620-1632 Ag '67.
- Effect of annealing on the radiative defects in ZnS single crystals. I. T. Putiev and others. Izv. vys. ucheb. zav., fiz. 10 no. 8 154-156 '67.
- Effect of some fission fragments on the operation of a cesium diode. E. S. Bekmukhametov, S. I. A. Lebedev. Trudy Inst. fiz. AN Kazakh SSR 7 33-44 '68.
- Effect of thermal oscillations of a crystal lattice on the anisotropy of sputtering ratios and the secondary ion-electron emission from single crystals. I. N. Evdokimov and others. Dokl. AN SSSR 177 no. 3 550-553 N '67.
- Effects of a space charge at high-frequency discharge in gases. G. A. Annashkin. Zhur. tekhn. fiz. 37 no. 8 1481-1487 Ag '67.
- Electric discharges in gas-filled cavities bounded by dielectrics. Ch. M. Dzhuvarly and others. Izv. AN Azerb. SSR, Ser. fiz., tekhn. i mat. nauk no. 3 47-52 '67.
- Electromotive force of a galvanic cell with an ion exchange membrane containing one- and two-charge counterions. O. K. Stefanova, M. M. Shul'ts, Vest. LGU 22 no. 16 103-109 Ag '67.
- Electron microscope study of active centers on solid surfaces. G. I. Dostik, N. M. Borisova. Klm. i kat. 8 no. 4 944-945 '67.
- Establishing a thermodynamic equilibrium in arc and glow discharges. N. A. Pilezhaeva, V. V. Kokhanenko. Zhur. prikl. spekt. 7 no. 4 522-526 O '67.
- Expression for convection current in polarization variables. A. A. Barybin. Radiotekh. i elektron. 12 no. 12 2252-2253 D '67.
- Investigating the behavior mechanism on the surface of the cathode of a powerful electric pulse discharge. E. I. Vorontsov. Zhur. prikl. spekt. 7 no. 6 932-933 D '67.
- Kushlan, R. I. A. [Industrial experience in electric erosion machining of die and mold parts] Proizvodstvennyi opyt elektroerozionnoi obrabotki detalei shtamпов i pressform. Leningrad, 1967. 19 p. (Leningradskii dom nauchno-tekhnicheskoi progressy. Seriya "Progressivnye metody obrabotki materialov")
- Low-voltage arc with a nonisothermal cathode in cesium vapors. E. P. Busygina, V. G. Grigor'ants, I. P. Iavor. Zhur. tekhn. fiz. 37 no. 11 2078-2083 D '67.
- Nonelastic dissipation of electrons in solids at large angles of incidence of the primary beam. I. M. Bronshteyn, V. A. Dolinin. Radiotekh. i elektron. 12 no. 12 2276-2278 D '67.
- Nonequilibrium ionization in a low-voltage arc in the case of inelastic scattering of large cross section. I. P. Stakhanov. Zhur. tekhn. fiz. 37 no. 11 2067-2077 N '67.
- Nonsteady-state processes in a positive plasma jet when the discharge current varies. L. G. Gaiduk, G. N. Zaitseva, T. F. Ryabkova. Zhur. tekhn. fiz. 37 no. 11 2053-2060 N '67.
- Numerical solution of a direct problem in electrodynamics. N. I. Orlov. Radiotekh. i elektron. 12 no. 12 2271-2276 D '67.
- Operation of cold electrodes in the element of a magnetohydrodynamic generator. L. A. Vukobratov, V. T. Iaglomko. Toplofiz. vys. temp. 5 no. 4 680-693 D-Ag '67.
- Optimum parameters of an arc as a source of high-frequency radiation. V. A. Abramov, V. I. Kogon. Vest. LGU 23 no. 6 571-573 D '67.
- Plasma between concentric spherical electrodes. M. V. Rezikun. Izv. AN Arm. SSR, Ser. fiz. i mat. nauk 11 no. 4 55-58 O '67.
- Problem of surface ionization of alkali halides on metals of the platinum group. L. I. A. Zaitseva, A. I. A. Tontegode. Zhur. tekhn. fiz. 37 no. 11 2041-2044 N '67.
- Relationship between the electron concentration and temperature of a plasma in an arc source of high-frequency radiation. I. A. Klinkova. Zhur. prikl. spekt. 6 no. 5 555-558 O '67.
- Restoration of an arc in vacuum using high-melting electrodes. S. V. Starodubtsev, M. Kh. Eshonbaev, L. I. Kolbert. Izv. AN Uz. SSR, Ser. fiz., mat. i tekhn. 11 no. 6 16-19 '67.
- Some discharge characteristics in a hollow cathode with a membrane separating an arc of atomization and evaporation. G. A. Pevlakov, V. Z. Kamilov. Zhur. prikl. spekt. 7 no. 4 513-514 O '67.
- Source of vacuum ultraviolet radiation by the excitation of a superionized gas jet by an electric field. L. T. Vekhovtseva and others. Zhur. prikl. spekt. 6 no. 5 559-564 O '67.
- Spark-type light source with a plane body of the cathode. M. P. Vanukov, V. I. Iashenko, V. V. Lashchenko. Zhur. tekhn. fiz. 37 no. 11 2011-2045 N '67.
- Spectral study of temperature distribution in the jet of an electric arc source of an argon plasma. V. V. Pevlakov, E. A. Iakovlev. Toplofiz. vys. temp. 5 no. 1 111-114 D-Ag '67.
- Sudylag a plasma jet of a high-frequency arc. V. M. Gol'dfab and others. Toplofiz. vys. temp. 5 no. 4 549-556 D-Ag '67.
- Studying the long-range order and the short-range order of ions in some ferroelectric composite perovskites. V. M. Iudin and others. Izv. AN SSSR Ser. fiz. i mat. 11 no. 11 1788-1802 N '67.
- Symposium on Radiation Sterilization of Medical Materials (MAGATP). B. Zhukov. Atom. energ. 7 no. 1 30-34 '67.
- Theory of the cathode spot in a high-current vacuum arc. B. A. Osadina. Zhur. tekhn. fiz. 37 no. 11 2041-2045 N '67.
- Theory of the focusing of ion beams by a magnetic field with circular boundaries (with allowance for dispersion field). Part 1. I. A. Bogdanov, V. R. Sautit. Vest. LGU 22 no. 16 81-102 Ag '67.
- Theory of thermal breakdown of the electrical insulation subjected to radioactive radiation. N. P. Belykh, I. U. M. Volokotskiy. Zhur. tekhn. fiz. 37 no. 11 1528-1510 Ag '67.
- Widening of spectral lines in the case of large angles of copper in an arc discharge. G. V. Gaiduk, V. V. Sandigalov. Zhur. prikl. spekt. 7 no. 6 911-912 O '67.
- Work function of alloys of cerium with scandium. A. A. Gugin, O. Kh. Khmudov. Radiotekh. i elektron. 12 no. 12 2270 D '67.
- 537.531 X RAYS, GAMMA RAYS
- Barkhausen effect in ferroelectric crystals and the effect of X-ray and γ -radiation. N. A. Iashenko, V. M. Rudakov. Izv. AN SSSR, Ser. fiz. i mat. 11 no. 11 1784 N '67.
- Effect of irradiation on the electrophysical properties of barium titanate and materials based on it. V. P. Solov'ev, I. I. Kuz'min, V. A. Kharchenko. Izv. AN SSSR, Ser. fiz. 31 no. 11 1757-1761 N '67.
- Equations for the particle interaction constants. I. V. Fil'kov. IAD. fiz. 6 no. 5 1037-1045 N '67.
- Experimental study of the effect of γ -radiation on the electric and spectral characteristics of triglycyl selenate. G. S. Danil'chuk, L. S. Kremenchuk, A. F. Mal'nev. Izv. AN SSSR, Ser. fiz. 31 no. 11 1774 N '67.
- Gamma-ray spectrum from the $Zn^{67}(n, \gamma)Pb^{67}$ reaction induced by thermal neutrons. L. N. Ryabov, I. A. Rudakov, E. I. Fil'kov. IAD. fiz. 6 no. 5 1055-1056 N '67.
- Optimization of dimensions of counters and detectors in an experiment to determine the polarization of X rays. A. V. Zhurav. Vest. Mosk. un. Ser. 3 Fiz., astron. 22 no. 6 94-97 N '67.
- Remarks concerning the sum rules for the Compton effect amplitudes. L. I. Lapidus. IAD. fiz. 6 no. 5 1058-1061 N '67.
- Scattering of X rays by a crystal lattice subjected to piezoelectric oscillations. P. A. Bozhikhanov, V. L. Avundzhian. Izv. AN Arm. SSR, Ser. fiz. i mat. 11 no. 4 244-247 '67.
- Triple γ -correlation of γ -rays at the decay of the resonant state of Al^{27} with $E = 10,480$ Mev. A. A. Iashenko and others. IAD. fiz. 6 no. 5 1066-1072 N '67.
- X-ray diffraction analysis of binary molybdate $K_2Mo_2O_7$. R. F. Klevtsova, S. V. Borisov. Dokl. AN SSSR 177 no. 6 1333-1336 D '67.

537.533 NEGATIVE RAYS. CATHODE RAYS.

ELECTRON OPTICS

Chromatic error and axial astigmatism in electron microscopes of high resolving power (Brief information). IU V. Vorob'ev, A. A. Viazgum Opt.-mekh. zhurn. 33 no. 1, 51-52 1966

537.7 ELECTRICAL MEASUREMENTS

Method for measuring small resistances and capacitances. V. A. Bokhtozm, V. S. Popov, Izv. vys. ucheb. zap. prib. 9 no. 1, 35-40 1966

538 MAGNETISM. ELECTROMAGNETISM

Activity of a solvent in the systems ferrite - lead oxide and ferrite - lead fluoride. L. A. Reznitskii, L. M. Vining, G. P. Gorbostava Vest. Mosk. un. Ser. 2 Khim. 22 no. 6, 73-75 N-D 1967

Asymptotic solution of a problem on the reflection of electromagnetic waves from a plane nonuniform layer. IU N. Maksimov Radiotekh. i elektron. 12 no. 12, 2207-2210 D 1967

Barth-Hausen effect in ferroelectric crystals subjected to the effect of X-ray and γ -irradiation. N. S. Komolova, V. M. Rudak, Izv. AN SSSR Ser. Fiz. 31 no. 11, 1762-1764 N 1967

Calculating the distribution potential along the channel of a magnetohydrodynamic generator by means of equivalent circuits. L. IU Ustimenko, Teplofiz. vys. temp. 5 no. 4, 676-683 11-Ag 1967

Change in the remanent magnetization of a magnetic bed following an explosion. N. A. Ivanov, V. A. Shapito, B. A. Udenkov Dokl. AN SSSR 177 no. 3, 322-324 N 1967

Characteristics of the behavior of the critical current in wires of superconducting alloys as dependent on the magnetic field and temperature. B. G. Lazarev, L. S. Izazareva, S. I. Goridov, Dokl. AN SSSR 177 no. 6, 1310-1312 D 1967

Classification of electromagnet wave sources. S. I. Zhilnikovich, Izv. vys. ucheb. zap. prib. 10 no. 10, 13-17 1967

Determination of a magnetic field with rotational symmetry from a given magnetic force line. E. T. Afanas'ev, E. A. Morozova, PMTF no. 5, 73-78 S-O 1966

Determining the relative signs of the spin-spin coupling constants in trifluoroethylene by means of heteronuclear double resonance. N. D. Byanovskii, T. S. Zakharova, IU S. Kostantinov Vest. Mosk. un. Ser. 3 Fiz., astron. 5 no. 5, 117-118 S-O 1967

Diffraction of electromagnetic waves on an inclined grating. V. P. Shestopalov, Zhur. tekhn. fiz. 37 no. 8, 1442-1451 Ag 1967

Direct determination of magnetic and electric fields from Maxwell's equations. L. A. Druzhkin, Uch. zap. Nov. gos. ped. inst. 1, 36-43 1960

Dispersion equation for high-frequency waves in an inhomogeneous anisotropic plasma. P. E. Strezh, Vest. Mosk. un. Ser. 3 Fiz., astron. 5 no. 5, 123-125 S-O 1967

Doppler excitation of slow waves by a beam of charged particles in a helical wave guide. N. G. Sinitseva, Zhur. tekhn. fiz. 37 no. 11, 1968-1973 N 1967

Double heteronuclear magnetic resonance of Bi³⁺ - III for analytical and structural studies. A. V. Kessenikh, V. V. Negibetskii, Dokl. AN SSSR 177 no. 6, 1375-1378 D 1967

Effect of a high-frequency magnetic field on plasma instabilities. A. A. Ivanov, L. I. Rudakov, I. Teikmann, Zhur. eksp. i teor. fiz. 53 no. 5, 1690-1692 N 1967

Effect of annealing on the anisotropy of magnetic viscosity of single crystals of some ferrites. R. V. Telesnin, K. T. Makarov, Vest. Mosk. un. Ser. 3 Fiz., astron. 22 no. 6, 18-24 N-D 1967

Effect of refraction and absorption of a medium on a transmission coefficient between two antennas in plasma diagnostics. I. E. Arasov, B. E. Kibor, N. I. Ivanichinov, Marinakii, Zhur. tekhn. fiz. 37 no. 8, 1495-1502 Ag 1967

Effect of the ultrasound on the repolarization processes in triglycine sulfate crystals at various temperatures. A. I. Baranov, V. M. Rudak, Izv. AN SSSR Ser. fiz. 31 no. 11, 1765-1767 N 1967

Effect of thermomagnetic treatment on the magnetic properties of electrolytic ferromagnetic films. A. A. Edigarian, M. V. Paplan, T. A. Pogasian, Izv. AN A. m. SSR, Fiz. 2 no. 4, 259-265 1967

Effect of uniaxial pressure on the electron paramagnetic resonance of Mn^{2+} ion in $CaWO_4$ and the magnitude of spin-phonon interaction in the $CaWO_4:Fe$ system. M. M. Zaitov, L. I. A. Shekun, Zhur. eksp. i teor. fiz. 53 no. 5, 1516-1525 N 1967

An electric field in a circular semiconductor plate placed in a magnetic field. P. I. Baranskii, IU, P. Emets, PMTF no. 5, 64-72 S-O 1966

Electromagnetic field of a point source of long-path radiation in the air over a conducting screen. IU, A. Medvedev, B. M. Stepanov, G. V. Fedorovich, Zhur. tekhn. fiz. 37 no. 11, 2084-2088 N 1967

Electromagnetic fields of the vertical and horizontal electric dipoles located over single-layer half-space. L. S. Frumkina, Izv. vys. ucheb. zap. prib. 10 no. 8, 71-78 1967

Electromagnetic waves in hexagonal crystals when spatial dispersion is present. F. I. Fedorov, R. A. Vlasov, Zhur. prikl. spekt. 7 no. 4, 527-532 O 1967

Electron paramagnetic resonance in V_2O_5/Mn . Pam. Zoan Khan, L. P. Strakhov, Vest. LGU 22 no. 10, 50-53 Ag 1967

Electron paramagnetic resonance of Mn^{2+} in $SiMoO_4$. M. I. Samoilovich, L. I. Potkin, Zhur. strukt. khim. 7 no. 5, 804-805 S-O 1966

Electron paramagnetic resonance of rare earth chlorides. S. N. Kiselevskaya and others, Zhur. ob. khim. 37 no. 12, 2668-2610 D 1967

Electron paramagnetic resonance spectra of irradiated three-component glasses. S. M. Bichkarskii, T. A. Sidorov, V. A. Tul'kin, Izv. AN SSSR, Neorg. mat. 3 no. 12, 2278-2280 D 1967

Electron paramagnetic resonance spectra of initial compounds with formalons of the benzimidazole series. V. F. Anufriev, E. N. Iulchenko, L. F. Iulchenko, Zhur. strukt. khim. 7 no. 5, 803-801 S-O 1966

Electron paramagnetic resonance spectrum of the triplet state of 1,1-dinaphthyl. S. P. Solodovnikov, IU B. Zaks, Zhur. strukt. khim. 7 no. 5, 802 S-C 1966

Emission of a relativistic charge in the electromagnetic field of a plane wave. I. M. Teinov and others, Izv. vys. zap., fiz. 10 no. 8, 77-81 1967

Faraday effect in the $Y_2FeO_{12} \cdot 16H_2O$ ferrite-garnet. N. F. Kharchenko, V. V. Flenko, L. I. Belyi, Zhur. eksp. i teor. fiz. 53 no. 5, 1505-1509 N 1967

Faraday effect in $Y_2FeO_{12} \cdot Ga_2O_3$ garnet. A. V. Antonov, G. P. Petrova, Zhur. prikl. spekt. 6 no. 1, 58-61 Ja 1967

Forbidden electron paramagnetic resonance spectrum of the ion Mn^{2+} in lattices of calcite, sphalerite, and apatite. V. N. Lazukin, A. N. Terent'evskii, Vest. Mosk. un. Ser. 3 Fiz., astron. 22 no. 6, 105-108 N-D 1967

Generalization of Fresnel formulas for the case of the interface of an isotropic medium and a gyrotropic ferrimagnetic substance. O. S. Litsman, Izv. AN A. m. SSR, Fiz. 2 no. 4, 238-243 1967

Gyromagnetic effect in an antiferromagnetic substance at low temperatures. V. S. Garmatuk, V. M. TSukernik, Zhur. eksp. i teor. fiz. 53 no. 5, 1814-1821 N 1967

Induction of currents by a moving charge in a system of conductors with complex charges. V. P. Pronin, L. A. Shekhtman, Zhur. tekhn. fiz. 37 no. 8, 1387-1392 Ag 1967

Kinematics of a current layer in a plasma accelerator. V. IU, Baranov, A. K. Musin, G. G. Timofeeva, PMTF no. 5, 107-112 S-O 1966

Kozhukhov, V. P., V. V. Voronov, and V. V. Grigor'ev. [The deviation of magnetic compasses] Deviatilla magnetnogo kompassa. Izd. 2-e, 128 p. Moskva, "Transport," 1967. 250 p

Magnetic properties of catalyst-ferroelectrics. M. N. Kuznetsova, V. B. Evdokimov, Vest. Mosk. un. Ser. 2 Khim. 22 no. 6, 80-83 N-D 1967

Magnetic properties of $PbTiO_3$ - $LaFeO_3$ single solutions. A. I. Kasilinskii, V. I. Chechelnikov, Izv. AN SSSR, Ser. fiz. 31 no. 11, 1630-1641 N 1967

Magnetic resonance on Pr^{141} nuclei in $Pr_2(SO_4)_3 \cdot 8H_2O$ single crystals. M. A. Teplov, Zhur. eksp. i teor. fiz. 53 no. 5, 1510-1515 N 1967

Magnetic spectrometer consisting of wire-type spark chambers with automatic computation of magnetic deflections. T. L. Asatiani and others, Izv. AN A. m. SSR, Fiz. 1 no. 6, 410-413 1966

Maximum polarization of the synchrotron radiation. V. G. Bargov, Izv. vys. ucheb. zap., fiz. 10 no. 8, 135-137 1967

Maximum susceptibility of ferromagnetic substances. IU, N. Kharitonov, Izv. vys. ucheb. zap., fiz. 10 no. 8, 139-142 1967

Measuring of a 6-component magnetic permeability tensor of ferrites. A. S. Khlystov, A. N. Elavkov, Izv. vys. ucheb. zap., fiz. 10 no. 8, 40-46 1967

Measuring the magnetostriction constants of ferrite single crystals by means of the ferromagnetic resonance. IU, N. Kotlikov, Izv. vys. ucheb. zap., fiz. 10 no. 8, 65-70 1967

Mechanism of the energy equilibrium in nonlinear ferromagnetic resonance. I. A. A. Monosov, Zhur. eksp. i teor. fiz. 53 no. 5, 1650-1666 N 1967

Motion of a relativistic charged particle in the field of an electric and a magnetic charge both situated at the same point. L. G. Glikman, Zhur. tekhn. fiz. 37 no. 11, 1993-1994 N 1967

New ferromagnetic solid solutions $Zn_x(Sr, Bi, La)MnO_3$ and $(Sr, Bi, La)MnO_3$. V. V. Ivanova, IU, N. Vanovtsov, Izv. AN SSSR, Ser. fiz. 31 no. 11, 1803-1806 N 1967

Noises in thin magnetic films associated with sinusoidal magnetic polarity reversal. V. V. Potemkin, G. P. Zhitgal'skii, Izv. vys. ucheb. zap., radiofiz. 10 no. 6, 809-814 1967

Nonisothermal relaxation of electron paramagnetic resonance and hole-type recombination luminescence in some ionic crystals. L. Pang, Izv. AN SSSR, Ser. fiz. 31 no. 12, 1968-1969 D 1967

Nonlinear effects in the case of the propagation of waves in a plasma, taking the boundaries into account. B. Chakraborti, Vest. Mosk. un. Ser. 3 Fiz., astron. 22 no. 5, 99-105 S-O 1967

Nonlinear theory of interaction between a periodic electron beam and an electromagnetic wave. V. K. Iupatov, Izv. vys. ucheb. zap., radiofiz. 10 no. 6, 846-856 1967

Nuclear magnetic resonance method of studying the conformation of ethylenediamine complexes of nickel in aqueous solution. K. I. Zamaraev, IU, N. Molin, G. I. Skulnevskaya, Zhur. strukt. khim. 7 no. 5, 798-800 S-O 1966

Nuclear magnetic resonance spectra of Ti^{3+} in tertiary perfluorocarbonamines. M. V. Landau and others, Zhur. VKHO 12 no. 6, 707-708 1967

Paramagnetic shifts in nuclear magnetic resonance spectra and structure of complexes of Ni(II) and Co(II) acetylacetonates with pyridine-N-oxides. E. E. Zaez, IU, N. Molin, Zhur. strukt. khim. 7 no. 5, 680-685 S-O 1966

Periodic diamagnetic structures and phase transitions. M. I. Azbel', Zhur. eksp. i teor. fiz. 53 no. 5, 1751-1764 N 1967

Photoelastic modulators of the infrared range in a germanium crystal. N. B. Mancshin and others, Vest. Mosk. un. Ser. 3 Fiz., astron. 22 no. 5, 110-113 S-O 1967

Possibility of changing the technological properties of water and water systems under the effect of magnetic fields. V. I. Klassen, Izv. vys. ucheb. zap., svet, mut. 10 no. 5, 24-31 1967

Production of megagaussian fields using the method of magnetodynamic cumulation. S. G. Aikhmanov and others, Atom. energ. 23 no. 6, 535-541 D 1967

Quantum oscillations of the photoelastic coefficients of n-InSb in a strong magnetic field. R. V. Parten'ev, I. I. Farbutskii, S. S. Shalyt, Zhur. eksp. i teor. fiz. 53 no. 5, 1571-1581 N 1967

RS-60 nuclear magnetic resonance spectrometer. A. N. Liubimov, A. I. Vasiluk, A. V. Kozonikh, Zhur. strukt. khim. 7 no. 5, 694-699 S-O 1966

Reduction of some asymmetrical problems on diffraction to plane problems. IU V. Pimenov, Radiotekh. i elektron. 12 no. 12, 2211-2216 D 1967

Relaxation processes in the paramagnetic resonance of U^{3+} in CaF_2 , SiF_2 and BaF_2 . T. I. Sanaidze, B. G. Betulava, Izv. AN SSSR Ser. fiz. 31 no. 12, 1973-1974 D 1967

Resonance photoelastic light modulator on an ammonium dihydrophosphate crystal. V. B. Baglikov, V. N. Parygin, Vest. Mosk. un. Ser. 3 Fiz., astron. 22 no. 5, 118-120 S-O 1967

Role of optical phonons in a band-to-band magnetooptical absorption of semiconductors. L. I. Kozlov, S. T. Pavlov, Zhur. eksp. i teor. fiz. 53 no. 5, 1708-1715 N 1967

Scattering of X rays by a crystal lattice subjected to paramagnetic oscillations. P. A. Borzhanian, V. I. Avundzhian, Izv. AN A. m. SSR, Fiz. 2 no. 1, 214-257 1967

Shape of the spectral line of oscillation at small amplitude and frequency fluctuations. A. N. Malakhov, Izv. vys. ucheb. zap., radiofiz. 10 no. 6, 885-888 1967

Some magnetic properties of thin single-crystal films of alloys in the system Fe-Ni-Co. L. V. Kircanlik and others, Dokl. AN SSSR 176 no. 6, 1202-1204 O 1967

Some results of tests made on a model of an magnetohydrodynamic generator with sectional electrodes in the presence of the Hall effect. O. I. A. Karakevich and others, Teplofiz. vys. temp. 5 no. 1, 604-608 11-Ag 1967

Spin-lattice relaxation in radicals of succinic acid, L-cysteine, and L-cysteine at low temperatures. T. S. Zhuravleva, Zhur. strukt. khim. 7 no. 5, 800-801 S-O 1966

Spin relaxation of iron in the ferromagnetic compounds MnSb and CrTe below the Curie point. S. S. Iakimov and others, Dokl. AN SSSR 177 no. 6, 1313-1315 D 1967

Stability of a homogeneous plasma with isotropic distribution functions in a magnetic field. L. V. Korabiev, Zhur. eksp. i teor. fiz. 53 no. 5, 1600-1609 N 1967

Stability of a rigid conducting cylinder in the magnetic field of a current flowing through it. IU, V. V. Vankurkov, E. N. Kolesnikov, Zhur. tekhn. fiz. 37 no. 11, 1964-1968 N 1967

Stationary quasihomogeneous flow of a conductive gas in electrical and magnetic fields. IU, A. Poliak, R. V. Radchenko, Trudy Ural. politekh. inst. no. 151, 53-57 1967

Structure of water solution in acetone and triethylamine from the data produced by the spin echo method. IU, I. Neronov, G. M. Drabkin, Zhur. strukt. khim. 7 no. 5, 662-667 S-O 1966

Studying new magnetically ordered substances at Moscow University. K. P. Belov, Vest. Mosk. un. Ser. 3 Fiz., astron. 22 no. 5, 23-31 S-O 1967

Surface waves in an elastic medium in the presence of a magnetic field. V. A. Fokhtiatov, PMTF no. 5, 85-89 S-O 1966

Theory of the electron paramagnetic resonance line shape of impurity centers in nonmetallic crystals. M. D. Glinchuk, M. F. Delgen, Zhur. eksp. i teor. fiz. 53 no. 5, 1557-1561 N 1967

Theory of the focusing of ion beams by a magnetic sector field with circular boundaries (with allowance of the dispersion field). Part I. E. A. Bogomolov, V. R. Saulit, Vest. LGU 22 no. 10, 81-102 Ag 1967

Theory of wave propagation in nonhomogeneous anisotropic media. P. E. Strezh, Vest. Mosk. un. Ser. 3 Fiz., astron. 22 no. 6, 32-39 N-D 1967

Thermomagnetic effect of cobalt at phase transformations $\epsilon \leftrightarrow \gamma$. V. Zubov, Izv. vys. ucheb. zap., fiz. 10 no. 8, 131-132 1967

Thermomagnetic effect of Fe-Al alloy. V. V. Zubov, M. I. Skrebneva, Izv. vys. ucheb. zap., fiz. 10 no. 8, 132-135 1967

Use of the electron paramagnetic resonance method in studying the mechanisms underlying the electroconductivity of glasses of the ternary system $V_2O_5 - P_2O_5 - WO_3$. L. D. Bogomolova, V. N. Lazukin, N. V. Petrovskiy, Dokl. AN SSSR 177 no. 2, 310-313 N 1967

- 539.104 **EFFECTS OF RADIATION PHYSICAL, CHEMICAL, BIOLOGICAL**
- Activity of alkaline and acid phosphatases in osseous tissues of rabbits affected by plutonium-239. N. I. Elkina, R. F. Libinon. *Vop med. khim.* 13 no. 6-591-597 N-D '67.
- Asymmetry of doublet component of the Mossbauer absorption spectrum in some powdered iron compounds. A. K. Zhitbaev, D. K. Kaipov. *Trudy Inst. rad. fiz. AN Kazakh SSR* 7-3-78 '68.
- Colorability of LiF crystals in the case of "large" X-irradiation dosages. E. P. Alekseeva. *Izv. AN SSSR, Ser. fiz.* 31 no. 12-1958-1961 D '67.
- Dislocations in solids and fluids due to radiation] Radiatsionnye narusheniya v tverdykh telakh i zhidkostiakh. Tashkent, "Fan," 1967. 154 p.
- Effect of light, protons, and electrons on optical characteristics of lithium hydride. F. P. Gvozdev and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 12-2010-2012 D '67.
- Electron microscopic studies of radiation macrodefects in lithium fluoride crystals. K. Svarecs, J. Ekmants, *Izv. AN SSSR, Ser. fiz.* 31 no. 12-2035-2038 D '67.
- Histochemical study of nerve cells of the esophageal plexus under ionizing effects. Z. I. Tkachenko. *Fiziol. zhur.* [Ukr.] 13 no. 6-841-844 N-D '67.
- Motion of microbionts isolated from the cells under the effect of ionizing radiation on the body. I. A. Petushenko. *Vop. med. khim.* 13 no. 6-615-617 N-D '67.
- Radiation effects in lithium fluoride crystals. K. Svarecs and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 12-2028-2034 D '67.
- Studying the polycrystalline specimen of natural hematite α -Fe₂O₃ by means of the Mossbauer effect. A. K. Zhitbaev, D. K. Kaipov. *Trudy Inst. rad. fiz. AN Kazakh SSR* 7-8-11 '68.
- Testing of amiradation properties of propolis. O. P. Horodetskyi, P. M. Kulibab. *Fiziol. zhur.* [Ukr.] 13 no. 6-805-808 N-D '67.
- Using optical quantum generators in experimental biology and medicine. L. A. Puzanov and others. *Eksp. khim. i med.* 12 no. 6-10-14 N-D '67.
- Violations in irradiated lithium fluoride crystals. I. T. Vorozhebtina, D. D. Igikhinshvili. *Izv. AN SSSR, Ser. fiz.* 31 no. 12-1810-1812 D '67.
- 539.107 **APPARATUS, INSTRUMENTS FOR NUCLEAR, ATOMIC, MOLECULAR RESEARCH**
- Control scheme of the Wilson chamber. I. U. P. Logun. *Trudy Inst. rad. fiz. AN Kazakh SSR* 7-67-75 '68.
- Delta-electrons in the hydrogen bubble chamber. T. G. Boos and others. *Trudy Inst. rad. fiz. AN Kazakh SSR* 7-89-99 '68.
- Halogen-containing plastic scintillators. A. V. Chernobai and others. *Zhur. tekhn. fiz.* 6 no. 1-90-94 Ja '67.
- Large surface scintillation detector. V. M. Ivanenko. *Trudy Inst. rad. fiz. AN Kazakh SSR* 7-61-66 '68.
- Measuring π^0 -scattering near 180° in a π^+ beam. B. A. Kulakov and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1010-1014 N '67.
- Time converter changing time into subnanosecond amplitudes. E. V. Ivan'ko, G. S. Dombrovskaya. *Trudy Inst. rad. fiz. AN Kazakh SSR* 7-45-48 '68.
- 539.12 **ELEMENTARY AND SIMPLE PARTICLES**
- Algebra of densities and the form factor. A. V. Efremov, V. V. Stepanov. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1070-1072 N '67.
- Angular distribution of neutrons in μ -capture. V. G. Zlatarov. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 22 no. 6-10-17 N-D '67.
- Asymmetry $\chi(\theta)$ in elastic pp -scattering at 635 Mev. R. I. A. Zul'karneev and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1005-1007 N '67.
- Atomic capture of stopped π^+ -mesons in the mixture of He³ and N₂. V. I. Petukhin, I. U. D. Prokoshkin, A. I. Filipov. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1008-1009 N '67.
- Average field of neutrons and protons. Shells with $N \geq 126$ and $Z \geq 82$. V. A. Chupurnov. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-955-960 N '67.
- Capture of π -mesons by carbon nuclei and the tetraneutron. I. U. A. Baturov and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1149-1150 D '67.
- Classification of leptons. D. D. Ivanenko and others. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 22 no. 6-115-116 N-D '67.
- Collisions in a turbulent plasma. V. G. Makhan'kov, V. N. Tsytovich. *Zhur. tekhn. fiz.* 37 no. 8-1381-1386 Ag '67.
- Correlations of neutrino and γ -quanta at the allowed capture of polarized μ -mesons. A. P. Bukhvostov, N. P. Popov. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1241-1247 D '67.
- Coulomb collisions of particles in a turbulent plasma. V. G. Makhan'kov, V. N. Tsytovich. *Zhur. tekhn. fiz.* 37 no. 5-1789-1805 N '67.
- Dependence of the atomic volume of elements on their number in the tables of elements and the quantity of valence electrons. G. M. Kurnetsov, A. D. Barsukov. *Izv. vys. ucheb. zav., tsvet. met.* 10 no. 5-128-130 '67.
- Determining the electromagnetic form factors of a particle with spin 1. Doan Nhung. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1258-1264 D '67.
- Double charge exchange of π -mesons on nuclei in the photographic emulsion. I. U. A. Baturov and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-998-1007 N '67.
- Effect of irradiation on the electrophysical properties of barium titanate and materials based on it. S. P. Solov'ev, I. I. Kuz'min, V. A. Kharchenko. *Izv. AN SSSR, Ser. fiz.* 31 no. 11-1757-1761 N '67.
- Elastic scattering of 225 Mev. electrons on the La130 nucleus and nuclear radii. N. G. Shevchenko and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1119-1123 D '67.
- Electrode integration of deuterium with production of resonances. I. G. Ivanter, I. V. Akovleva. *Izv. AN SSSR, Ser. fiz.* 31 no. 6-1251-1257 D '67.
- Electromagnetic finite-state interaction and T-odd correlations in leptonic baryon decays. L. B. Okun', I. B. Khriplovich. *Izv. AN SSSR, Ser. fiz.* 31 no. 6-1265-1276 D '67.
- Electron temperature instability of an inhomogeneous plasma. A. B. Mikhailovskii. *Zhur. tekhn. fiz.* 37 no. 8-1365-1380 Ag '67.
- [Elementary particles and cosmic rays] Elementarnye chastitsy i kosmicheskie luchy. Shchukinskii. T. 1. red. V. A. Bezusa i I. L. Rozentalla. Moskva, Atomizdat, 1967. 157 p.
- Equations for the particle interaction constants. I. I. Fil'kov. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1037-1045 N '67.
- Excitation of collective nuclear levels in neutron scattering. L. I. Ibratov. *Izv. AN SSSR, Ser. fiz.* 31 no. 4-337-11 '67.
- External problem for paraxial electron beams. V. Z. Osvatchev. *Radiotekhnika i elektronika* 12 no. 1-197-200 D '67.
- High-temperature target for studying liquid crystals. B. I. Khushchev, A. M. Bogomolov. *Izv. AN SSSR, Ser. fiz.* 31 no. 4-337-11 '67.
- Inelastic pion-nucleon interactions at the energy of 111 Mev. Z. V. Anon and others. *Trudy Inst. rad. fiz. AN Kazakh SSR* 7-100-108 '68.
- Isolation of carrier-free silver-111 from neutron irradiated palladium. N. A. Abdullakayev. *Izv. AN SSSR, Ser. fiz.-mat. nauk* 11 no. 6-668-69 '67.
- Kinetics of electron recombination in a molecular gas dispersing into a vacuum. N. M. Kurmanov. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-42-49 S-O '66.
- Lagrange optimization problem in the computer calculation of elementary particles. L. I. Lebedev. *Izv. AN SSSR, Ser. fiz.* 31 no. 6-93-98 '67.
- Leptonic decays of hypernuclei. V. A. Fedotkin. *Izv. AN SSSR, Ser. fiz.* 31 no. 6-1276-1278 D '67.
- Measuring π^0 -scattering near 180° in a π^+ beam. B. A. Kulakov and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1010-1014 N '67.
- Measuring the tensor polarization degree of a π^+ beam in deuteron beam. R. P. Slaboshchikov and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-992-991 N '67.
- Mobility of a Brownian particle near the threshold. L. P. Lukin, A. Z. Patashinskiy, T. A. Chervinskii. *Zhur. eksp. i teor. fiz.* 51 no. 5-1672-1676 '67.
- Neutrino experiments and the question of lepton number conservation. B. Pontecorvo. *Zhur. eksp. i teor. fiz.* 51 no. 5-1717-1725 N '67.
- Nonlinear generation of higher harmonics of electron cyclotron frequency in a plasma with a current. V. I. Livshits, V. N. Tsytovich. *Zhur. eksp. i teor. fiz.* 51 no. 5-1610-1621 N '67.
- Nonlinear interaction of waves in the presence of instability. A. P. Krut'ko. *Zhur. eksp. i teor. fiz.* 51 no. 5-1765-1775 N '67.
- On the structure of photons and the real photon. I. A. Dzuzhkin. *Uchenye zapiski Novosibirsk. univ.* 1-3 '67.
- Optimization of a two-layer shielding against fast neutrons. V. S. Azhukov. *Atom. energ.* 23 no. 6-546-547 D '67.
- Phenomenological analysis of neutral pion photoproduction near the threshold. B. I. Lebedev, E. V. Minarik. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1010-1014 N '67.
- Photoproduction of charged π -mesons on light nuclei. G. I. A. Kurnetsov, I. I. M. A. Baturov. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 22 no. 6-10-17 N-D '67.
- Positrons produced in $H^{12} \rightarrow H^{13}$ decay. B. A. Dzhelapov, M. A. Dolgobrodova. *Trudy Inst. rad. fiz. AN Kazakh SSR* 7-58-64 Ag '67.
- Potential and density distribution of charged particles in a discharged plasma with oscillating electric field. V. Brzhechko, O. S. Puvlichenko. *Zhur. tekhn. fiz.* 37 no. 5-1508-1513 Ag '67.
- Problem of particlelike solutions to nonlinear equations of the scalar field with power nonlinearity. V. N. Tsytovich. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 22 no. 6-115-116 N-D '67.
- Problem of three particles with nonzero nuclear spin interacting with the nonlocal factorable potential. B. I. Lebedev, I. I. Ibratov. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1037-1045 N '67.
- Production of Li⁶ at the capture of slow neutrons by nuclei of carbon, nitrogen and oxygen. B. A. Dzhelapov and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 6-1151-1157 N '67.
- Radiative capture of μ -mesons and the neutron beta-decay. G. A. Lobov, S. P. Gorelavskii, T. A. Fedotkin. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1023-1037 N '67.
- Radiative capture of μ -mesons by electrons. A. B. Chupurnov. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 22 no. 6-10-17 N-D '67.
- Reconstruction of the amplitude of $eN \rightarrow eN \pi^0$ process from the experimental data. A. V. Tatarsov. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1040-1042 D '67.
- Relativistic effects in the theory of muon capture by nuclei. V. M. Novikov, M. G. Urin. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1240-1240 D '67.
- Resonances in excitation functions during the capture of 6.5 Mev. protons by Na²³. S. S. Vasil'ev, T. A. Mikhailova, D. L. Chupurnov. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 22 no. 6-1151-1157 N '67.
- Scattering of alkali ions by the surface of tungsten single crystals. U. A. Aifov, Kh. Kh. Khadzhimukhametov, A. I. Imusov. *Izv. AN SSSR, Ser. fiz.-mat. nauk* 11 no. 4-62-65 '67.
- Shadow effect appearing during the interaction between fast charged particles and single crystals. A. I. Tulinov. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 22 no. 6-10-17 N-D '67.
- Some aspects of deuteron's fluctuation theory. F. T. Tatarsov. *Trudy Inst. rad. fiz. AN Kazakh SSR* 7-8-83 '68.
- Some correlation properties of the $K^0 \rightarrow \pi^0 \pi^0$ pairs. V. I. Lyuboshits, E. O. Okonov, M. I. Podgorskiy. *Izv. AN SSSR, Ser. fiz.* 31 no. 5-1248-1250 D '67.

(Continued)

- 539 14 NUCLEI FORCES, MODELS, ETC.

- 539.16 RADIOACTIVITY AND DECAY

- Symposium on the Application of Nuclear Activation Methods in Biology. A. Pushkin, U. U. Riabukhin. Atom energ. 23 no. 6 582-584 D '67
- Transitions in Os160. G. I. Sychenko, O. D. Korrigin. Trudy Inst. fiz. AN Kazakh SSR 7 49-56 '68.
- Using radioisotope and nuclear-physical methods and apparatus in metallurgy and metal studies. P. L. Gruzina. III R. Babikova. Zav. lab. 33 no. 10 1260-1272 '67.

539, 16(73)—United States of America

- Phenomenological analysis of neutral pion - pion
photoproduction near the threshold, B. B. Govorkov,
E. V. Minarik, Izd. fiz. 6 no. 5:1046-1057 N '67

- 530, 17(574)—Kazakh S. S. R.

- 539.18 PHYSICS OF SINGLE ATOMS

- 539.19 PHYSICS OF SINGLE MOLECULES

- Calculating the frequencies of normal oscillations of antimony trifluoride, V. S. Timoshinin, S. V. Khandozhko, Zhur, prikl. spekt, 7 no. 6:959-960 D '67
- Calculating the molecular vibrational frequencies of halides of the scandium subgroup, K. S. Krasnov Teplofiz. vys temp. 5 no. 1:715-716 Ju-Ag '67
- Electronic structure of Ag₂By₂ compounds with NaCl-type structure, Part I Localized three-center orbitals and charge distribution, A. A. Levin, I. A. Krykin, M. E. Blakina, Zhur. strukt. khim 7 no. 5:757-768 S-O '68.
- Microwave spectrum, structure, dipole moment and internal retarded rotation of the ethyl alcohol molecule, L. M. Imanov, M. O. Kadzhar, Izv. AN Azerb. SSR, Ser. fiz.-tekh. i mat. nauk no. 3:43-42 '67.

539.4 (Continued)

- 539.5 MATERIAL PROPERTIES INFLUENCING DEFORMABILITY

- 539.6 INTERMOLECULAR FORCES, ASSOCIATION PHENOMENON

- 539.8 OTHER PHYSICOMECHANICAL EFFECT

- 54 CHEMISTRY

- 54(476)—White Russian S. S. R.

- 541 GENERAL, THEORETICAL AND PHYSICAL
-
- CHEMISTRY

- 641.1 PHYSICAL CHEMISTRY

- Iland, I. I. Urbanovich Vestsi AN BSSR, Ser. khim. nav.
no. 3:28-34 '67.

- Magnetic properties of catalysis-ferrodielectrics. *I. N. Kuznetsov, V. B. Etdukhov. Vest. AN SSSR Ser. 2 Khim. 22 no. 6 80-81 N-D '67.
- Magnetochromism of vanadyl acetate and its chloro derivative. V. T. Kalinikov, T. F. Vininov. Dokl. AN SSSR 177 no. 3 633-635 N '67.
- Mechanical and thermal activation of the surface layer of ground quartz. G. S. Khodakov, L. I. Edel'man. Koll. zhur. 29 no. 5, 728-732 S-O '67.
- Mechanism of current formation in an isolated pore of electrochemical combustion cell. I. A. Popov, I. V. Alekseev. Zhur. fiz. khim. 41 no. 8 2019-2021 Ag '67.
- Mechanism of hydroxylation. V. I. Gankin, D. M. Rukhovich. Kin. i kat. 8 no. 4 908-911 '67.
- Mechanism of reaction of peracetic acid with propylene. P. I. Valov, P. V. Blumberg, T. V. Filipova. Kin. i kat. 8 no. 4 760-763 '67.
- Mechanism of the effect of sodium dibutylphthalene sulfonate on electrodeposition of lead. D. N. Ilytsin, H. V. Panteova. Dop. AN URSR, Ser. B 29 no. 10 921-925 O '67.
- Mechanism of the sorption of rare earth elements in the presence of polyaminopolycarboxylic acids. N. N. Matosina, L. V. Shepetukh, K. V. Chumov. Zhur. fiz. khim. 41 no. 8 2066-2069 Ag '67.
- Melting diagram of the ternary system urea-adipic acid-phenol. A. G. Palchikov, A. G. Bergman. Zhur. ob. khim. 37 no. 10 2157-2160 O '67.
- Melting diagrams of ideal binary systems with chemical interaction. Part 1. T. Abramov, I. V. AN Farakh. SSR, Ser. khim. 17 no. 1 10-19 '67.
- Melting diagrams of ideal binary systems with chemical interaction. Part 2. I. Abramov, I. V. AN Farakh. SSR, Ser. khim. 17 no. 1 20-28 '67.
- Melting diagrams of ideal binary systems with chemical interaction. Part 3. I. Abramov, I. V. AN Farakh. SSR, Ser. khim. 17 no. 1 29-36 '67.
- Method for representing four component mixtures on plane of two rectangular coordinates. A. F. Frolov, M. A. Logunova. Zhur. fiz. khim. 41 no. 8 1951-1959 Ag '67.
- Microchemical pulse technique for poisoning catalysis. B. V. Romanovskii. Kin. i kat. 8 no. 4 927-930 '67.
- Modification of Raney nickel by additions of transition metals. Part 7. Effect of oxidation of hydrogen and catalytic hydrogenation on Raney nickel-palladium alloy. A. Isabekov, A. B. Fasman, B. K. Almashev. Zhur. fiz. khim. 41 no. 8 1890-1897 Ag '67.
- Mutual arrangement of the ternary and binary non-variant points of compositions in the diagrams for the three-component systems containing the ideal phase. Part 1. A. N. Gorbunov. Vest. LGU 22 no. 16 131-136 Ag '67.
- Packing and strength of structures in suspensions with mixed solid phases. O. Mirza-Abdullaeva and others. Koll. zhur. 29 no. 5 696-701 S-O '67.
- Partial molar characteristics of the MgCl_2 - HCl - H_2O . G. S. Popkov. Zhur. fiz. khim. 41 no. 8 2004-2006 Ag '67.
- Phase diagrams of sulfur, selenium, bromine, and iodine at high pressures. L. L. Paukov, I. U. Tonkov, D. S. Mirinskii. Zhur. fiz. khim. 41 no. 8 1857-1860 Ag '67.
- Photolysis of oxidized cellulose acids. G. N. Savastenko, I. I. Emlenko. Vest. AN SSSR, Ser. khim. nav. no. 1 8-13 '67.
- Physicochemical properties of some systems water - urea - ammonium salt. A. S. Baranov, I. A. Tupysh. Vest. AN SSSR, Ser. khim. nav. no. 1 44-50 '67.
- Physicochemical study of the ternary system consisting of three isomers of cresol. I. M. Bokhovkin, I. I. Bokhovkina, V. F. Chesnokov. Zhur. ob. khim. 37 no. 10 2155-2157 O '67.
- Polarographic study of the kinetics of nitric acid ester hydrolysis. Part 2. M. S. Rasakova and others. Kin. i kat. 8 no. 4 903-906 '67.
- Potentiometric determination of constants of alkali metal and alkaline earth metal ion exchange to hydrogen on KB-4P-2 cation exchange resin. V. A. Alekseenko, M. M. Seleznev. Zhur. fiz. khim. 41 no. 8 2007-2009 Ag '67.
- Potentiometric method of determining concentrations and activity coefficients of potassium carbonate. V. I. Alshin, N. A. Papiev. Uzb. khim. zhur. 11 no. 1 58-60 '67.
- Problem of correlation between hydrodynamic and electric coefficients of toxicity for porous media. M. P. Volosov, I. U. B. Meklei. Koll. zhur. 29 no. 5 654-657 S-O '67.
- Radiation catalytic apparatus with continuous dosimetry. V. I. Spitsyn and others. Kin. i kat. 8 no. 4 946-948 '67.
- Radiation-catalytic transformations of organic compounds adsorbed on different electron-type solids. G. M. Zhabrova and others. Zhur. fiz. khim. 41 no. 8 1888-1904 Ag '67.
- Reaction mixture action on the catalysts and the effects of self-regulation in catalysis. A. I. Rorovskii. Kin. i kat. 8 no. 5 1143-1150 S-O '67.
- Reactivity of electron-excited nitroxide radicals and biradicals. A. L. Bumachenko, M. S. Khlopilnikina. Kin. i kat. 8 no. 4 737-741 '67.
- Regularities of the interaction between controlled atmospheres and metals. A. A. Shmykov. Metalloved. i term. obr. met. no. 5 54-65 My '67.
- Relationship between physical properties and reactivity of methane substituted derivatives and their structure. Part 3. Other properties. I. G. Papulov. Zhur. ob. khim. 37 no. 12 2501-2508 D '67.
- Report on the First All-Union Symposium on the Thermodynamics of Ion Exchange. Vest. AN SSSR Ser. Khim. nav. no. 1 129-130 '67.
- Research in the field of alkoxysilanes. Part 22. Alkoxysilanes of trimethylsilylhydrosilane. M. G. Volonov, L. A. Zhagata. Zhur. ob. khim. 37 no. 12 2761-2765 D '67.
- Role of hydroperoxides in n-heptane oxidation at low temperatures. G. Ohlmann, W. Schumacher. Kin. i kat. 8 no. 1 712-717 '67.
- Role of stationary phase in gas-liquid chromatography and methods of the selection of solvents. M. S. Vigel'tsuz. Usp. khim. 36 no. 10 1810-1841 O '67.
- Rotational motion of electrode in dielectric liquids. I. M. Solodovnik, V. P. Zhurav. Zhur. fiz. khim. 41 no. 8 2037-2040 Ag '67.
- Savich, T. Z. [Formirovanie poniatii o khimicheskoi reakcii, posobie dlia uchitel'ei. Moskva, "Prosveshchenie," 1967, 102 p.
- Sedimentation study of multigraft copolymers. S. A. Pavlova and others. Dokl. AN SSSR 177 no. 3 589-591 N '67.
- Separate determination of the surface of complex catalysts by chromatographic methods. Part 1. Nickel on supports. N. I. Bunanova and others. Kin. i kat. 8 no. 4 868-877 '67.
- Session on the Theory of Catalysis held in Riga. G. N. Gadeev. Vest. AN SSSR 37 no. 12 92-93 D '67.
- Solubility isotherm in the system TiO_2 - FeO - SiO_2 - H_2O at 125°. I. G. Goroshchenko, E. I. Sikorskaya. Zhur. prikl. khim. 40 no. 9 1919-1946 S '67.
- Solubility of acetylene in 1,2-dichloroethane at temperatures below 0°C. G. Boda, A. Sh. Fish. Zhur. fiz. khim. 41 no. 8 2086-2088 Ag '67.
- Solubility of ammonia in aqueous solutions of potassium hydroxide. G. A. Sorina, V. M. Minovich, G. D. Efremova. Zhur. ob. khim. 37 no. 10 2150-2154 O '67.
- Solubility polythion for the four-component system KNO_3 - H_2PO_4 - H_2O . A. M. Amirova and others. Uzb. khim. zhur. 11 no. 6 3-6 '67.
- Some catalytic properties of zeolites containing anion exchange ion. S. I. Levina, N. F. Emlenko, M. I. Saracova. Vest. AN SSSR, Ser. khim. nav. no. 3 23-27 '67.
- Some features of flocculation of argillaceous slimes in the flotation upgrading of potassium ore. Kh. M. Akhmedovich, T. T. Mozhneko. Vest. AN SSSR, Ser. khim. nav. no. 3 75-81 '67.
- Some general regularities of thermal mass transfer of nickel alloys in liquid sodium. V. I. Nikitin. Zhur. fiz. khim. 41 no. 8 1874-1878 Ag '67.
- Some problems associated with protonation of organic compounds in aqueous solution of mineral acids. I. U. L. Khalida. Zhur. fiz. khim. 41 no. 8 2106-2109 Ag '67.
- Some properties of thin films produced by spraying in a shock tube. N. A. Mescheriakov, R. I. Soloukhin, T. A. Shurapova. Dokl. AN SSSR 177 no. 8 1383-1387 D '67.
- Some thermodynamic correlations for two-component systems with complex composition of vapor and their application in mass spectrometric studies. L. N. Sidorenko, V. B. Shol'ts. Zhur. fiz. khim. 41 no. 8 1950-1954 Ag '67.
- Sorption of some organic amines by KU-2 type sulfonated cation exchanger, experimental results. I. M. Vagina, G. S. Libinova. Zhur. fiz. khim. 41 no. 8 2060-2062 Ag '67.
- Study of hydrocarbon chemisorption on Ni/SiO_2 by means of infrared spectroscopy. D. Shopov, A. Patarov. Kin. i kat. 8 no. 4 862-867 '67.
- Study of radicals formed in chemisorption of electron-acceptor molecules on the surface of n-semiconductors. Part 1. Conditions of formation and electron paramagnetic resonance spectra of radical forms of oxygen adsorption on reduced titanium dioxide. A. I. Mashchenko and others. Kin. i kat. 8 no. 4 853-861 '67.
- Study of structure and adsorptive properties of heterogeneous catalysts in the N. D. Zelinskii Institute of Organic Chemistry of the Academy of Sciences of the U.S.S.R. A. M. Rubinshtein. Kin. i kat. 8 no. 5 1094-1113 S-O '67.
- Study of the kinetics of complex reaction by means of computers. L. I. Rusin, G. A. Furman, B. V. Pavlov. Kin. i kat. 8 no. 4 887-894 '67.
- Study of the kinetics of formation reactions of metal pheophthalates in alcohol media. B. D. Berezin, G. I. Smirnova. Zhur. fiz. khim. 41 no. 8 2008-2012 Ag '67.
- Study of the surface of Bi-Mo catalyst for oxidizing dehydrogenation by means of a radiochromatographic variant of differential isotope technique. R. A. Zimin, M. I. Ivanovskii. Kin. i kat. 8 no. 4 936-939 '67.
- Surface hydroxyls and hydrogen chemisorption on magnesium oxide studied by infrared spectroscopy. A. A. Lisachenko, V. N. Filimonov. Dokl. AN SSSR 177 no. 2 391-394 N '67.
- Survey of papers on the determination of physical constants. S. V. Gorbatshevich, G. S. Simkin, G. K. Iagola. Izv. tekh. no. 11:15-19 N '67.
- Synthesis of enamines based on piperidine homologs. A. S. Safayev and others. Uzb. khim. zhur. 11 no. 6 27-30 '67.
- Synthesis of oxygen-containing organic compounds in electric discharges. Part 2. Determination of optimum conditions of methane reaction with carbon dioxide in glow electric discharge. V. B. Luk'yanov, I. M. Eml'yanov, V. V. Kovalenko. Zhur. fiz. khim. 41 no. 8 2025-2029 Ag '67.
- Synthesis of oxygen-containing organic compounds in electric discharges. Part 3. Composition with carbonyl derivatives formed in methane reaction with carbon dioxide in glow discharge. V. B. Luk'yanov. Zhur. fiz. khim. 41 no. 8 2030-2033 Ag '67.
- Technique for studying the kinetics of carbon monoxide reduction of zinc oxide. I. S. Shikunin. Zhur. fiz. khim. 41 no. 8 2117-2118 Ag '67.
- Temperature of critical point of binodal curves of phase separation regions in binary systems. I. V. Limov. Zhur. fiz. khim. 41 no. 8 2077-2079 Ag '67.
- Temperature scale below oxygen boiling point. Part 2. Expansion of international practical temperature scale to the region from 90.17 to 13.8° K with the help of tables showing relationship between temperature and resistance $T=f(R)$. M. P. Orlova and others. Zhur. fiz. khim. 41 no. 8 1845-1849 Ag '67.
- Terenin, A. N. [Photonic state of molecules of dyes and related compounds] Fotoniika molekuly krasitel' i rodstvennykh organicheskikh soedinenii. Leningrad, "Nauka," 1967, 616 p.
- Theory of catalysts and the kinetics of solid phase reactions. S. Z. Roginskii. Kin. i kat. 8 no. 5 1039-1055 S-O '67.
- Thermal behavior of pyrite in vacuum. R. A. Isakova and others. Trudy inzh. i met. i obog. AN Kazakh. SSR 26 10-56 '67.
- Thermal decomposition in the gas phase of some halo nitro derivatives of methane. G. M. Nazim, G. B. Manelis, F. I. Dubovitskii. Dokl. AN SSSR 177 no. 6 1387-1389 D '67.
- Thermal decomposition of barium azide and sodium bicarbonate in liquid organic media. Kin. i kat. 8 no. 4 907-908 '67.
- Thermochromism of electrolyte solutions. Part 7. Aqueous solutions of KNO_3 and NaNO_3 at various temperatures. K. P. Mityshenko, L. P. Shipigell. Zhur. ob. khim. 37 no. 10 2145-2150 O '67.
- Thermodynamic properties of nitrogenous powders under pressure up to 26,000 kg/cm² and temperatures from 20° to 92° C. Part 4. Thermodynamic potentials. D. B. Balashov. Zhur. fiz. khim. 41 no. 8 1879-1883 Ag '67.
- Thermodynamic properties of oxide systems containing germanium dioxide. B. P. Burylov. Izv. AN SSSR. Neorg. mat. 3 no. 12 2271-2273 D '67.
- Thermodynamic properties of the bismuth - mercury system. I. F. Kozin, R. Sh. Nigmatova. Zhur. prikl. khim. 40 no. 9 1914-1920 S '67.
- Thermodynamically equivalent schemes of chemical reactions. I. F. Bakharova, V. P. Veshnevskii. Zhur. fiz. khim. 41 no. 8 1997-2001 Ag '67.
- Thermodynamics of helium-3 and helium-4 at low temperatures. V. K. Semchenko, Kh. M. Badra. Zhur. fiz. khim. 41 no. 8 2050-2053 Ag '67.
- Thermodynamics of trihalide ions. V. L. Mironov, N. P. Lastovkina. Zhur. fiz. khim. 41 no. 8 1850-1856 Ag '67.
- Topological methods of description of the structure of water and aqueous solutions. I. O. Syankov. Zhur. strukt. khim. 7 no. 5 659-681 S-O '66.
- Values of diffusion flow on a rotating disk electrode. I. P. Kholpanov. Zhur. fiz. khim. 41 no. 8 2034-2036 Ag '67.
- Vapor pressure in bubble formation. V. P. Skripov, G. V. Ermakov. Koll. zhur. 29 no. 5 724-727 S-O '67.
- Viscosity and structure of mixed electrolyte solutions. Part 1. Mixed concentrated solutions. A. B. Zdanovskii, F. I. Ivanova. Zhur. strukt. khim. 7 no. 5 794-795 S-O '66.

541.1(477)—Ukrainian S. S. R.

- Further development of the research in the field of the colloidal chemistry of dispersed systems and water chemistry and technology. Dop. AN URSR Ser. B 29 no. 10 954-955 O '67.
- Work of a scientific council on problems of physicochemical mechanics and lyophilization of dispersed systems. Dop. AN URSR Ser. B 29 no. 10 951 O '67.

541.13 ELECTROCHEMISTRY. ELECTROLYSIS

- [Applied electrochemistry] Prikladnaia elektrokimiia. Pod red. N. P. Fedot'eva. Izd. 2-e, ispr. i dop. Leningrad, "Khimiia," 1967, 600 p.
- Effect of deformation and thermal treatment of iron on the adsorption and action of corrosion inhibitors. Z. A. Iofa, V. V. Batakov, I. U. A. Nikiforova. Vest. Mosk. un. Ser. 2 Khim. 22 no. 6 11-19 N-D '67.
- Effect of ionic processes on the kinetics of flash and afterglow of silver halides. V. M. Belousov. Izv. AN SSSR, Ser. fiz. 31 no. 12:1943-1945 D '67.
- Electrochemical dissolution of molybdenum in nitric acid solutions. V. M. Blavatskii, M. M. Dolganova, V. N. Begishev. Uzb. khim. zhur. 11 no. 1 54-57 '67.
- Electrophysical and electrochemical methods of dimensional shaping. A. L. Livshits. Vest. mashinost. 47 no. 11 60-63 N '67.
- Ionic conductivity of $\text{CaF}_2\text{-Th}^{3+}$. V. F. Pisarenko, V. V. Popov. Izv. AN SSSR, Ser. fiz. 31 no. 12:2052-2054 D '67.
- Use of the luminescence method in studying the ionic processes in silver halide phosphors. V. M. Belousov, S. I. Golub, N. A. Orlovskaya. Izv. AN SSSR, Ser. fiz. 31 no. 12 1940-1948 D '67.

741.15 RADIATION CHEMISTRY

- Study of the oxidation of lead sulfides by the oxygenized air. I. R. Polyanskiy, A. G. Galkovskiy, R. S. Demchenko. Vest AN Kazakh SSR 23 no 9 13-26 S '67.
- Studying the relationship between the structure of radiating centers of salicylic acid in solutions and crystals and the polarization of fluorescence. V. I. Gubkov, N. D. Zhuravskiy. Zhur prikl. spekt. 7 no 4 604-606 O '67.
- Synthesis and some properties of coordination polymers based on diphenylsulfonic acid. V. V. Koshchak and others. Dokl. AN SSSR 177 no 6 1348-1351 S '67.
- System $GeCl_4 - MeOH - NaCl - H_2O$, where $Me = K, Li, Na, NH_4$. G. A. Shagimultanova, G. I. Kuznetsov, G. V. Melnikova. Vest AN BSSR Ser. khim. nav. no 3 82-88 '67.

541.49 COMPLEX COMPOUNDS

- Gubina, F. B., and N. G. Kluchnikov. [Chemistry of complex compounds] Khimiya Kompleksnykh Soedinenii Moskva, "Prosvetshchenie," 1967 165 p.
- Luminescence of lead complexes in NaCl-Pb phosphor. A. P. Zhukovskiy. Izv. AN SSSR, Ser. fiz. 31 no 12 2071-2076 D '67.
- Perrhenate ion as a ligand in complex compounds. K. A. Bol'shakova and others. Dokl. AN SSSR 177 no 2 344-346 N '67.

541.5 VALENCY AFFINITY, BONDS

- Chemical shifts of K α -lines and the valence structure of transition metals of the fifth and sixth periods. O. I. Sumbayev and others. Zhur. eksp. i teor. fiz. 53 no 5 1543-1552 N '67.
- Improved gravimetric method for studying moisture diffusion through polymeric materials. A. R. Bel'mnik, A. M. Polmanov, V. A. Volkov, Zhur. fiz. khim. 41 no 2 2110-2111 Ag '67.
- Possibility of conjugation in systems with simple bonds. O. V. Agashkin. Izv. AN Kazakh SSR, Ser. khim. 17 no 1 92-102 '67.
- Rearrangements of silicon-containing aroxyls. G. A. Razuvayev and others. Dokl. AN SSSR 177 no 3 600-603 N '67.
- Solvation of amine salts and intramolecular hydrogen bonding. V. V. Seleznevskiy and others. Zhur. strukt. khim. 7 no 5 668-672 S-O '66.
- Structure of $K_2[Th(SO_4)_2(H_2O)_2]$ crystals. E. G. Arutunyan, M. A. Porat-Koshits, A. K. Moledkin, Zhur. strukt. khim. 7 no 5 733-737 S-O '66.
- Study of radicals formed in chemisorption of electron-acceptor molecules on the surface of n-semiconductors. Part 1. Conditions of formation and electron paramagnetic resonance spectra of radical forms of oxygen adsorption on reduced titanium dioxide. A. L. Mashchenko and others. Kim. i kat. 8 no 4 833-861 '67.
- Technique for studying the kinetics of carbon monoxide reduction of zinc oxide. I. S. Shkuridin. Zhur. fiz. khim. 41 no 8 2113-2116 Ag '67.
- Thermistor vacuum meter. V. S. Merkulov and others. Zhur. fiz. khim. 41 no 8 2111-2113 Ag '67.
- X-ray fluorescence K β -lines of copper in catalytic active chelate compounds. R. G. Akondzhyan, E. E. Vainshtein. Kim. i kat. 8 no 4 933-936 '67.

541.6 CHEMICAL STRUCTURE IN RELATION TO PROPERTIES

- Activation of amide group by acylation. Part 6. Isomerization of N-hydroxyacyldiketopiperazines to cyclools. V. K. Antonov, A. M. Shkrob, M. M. Shemlakin. Zhur. ob. khim. 10 no 12 2225-2234 O '67.
- Asymmetrical hydrogenation on skeleton nickel modified by optically active substances. I. U. Petrov, F. I. Klabunovskiy, A. A. Balandin. Kim. i kat. 8 no 4 814-820 '67.
- Causes responsible for the increased chemical activity of polymer films produced by breaking the adhesion bond with the solid carrier. N. A. Krotova, I. P. Morozova. Dokl. AN SSSR 177 no 3 636-639 N '67.
- Configuration determination of a complex ion in ammonium dimolybdate structure. L. A. Aslanov and others. Zhur. strukt. khim. 7 no 5 812 S-O '66.
- Copolymerization of maleic anhydride and fumaric acid with acrylic acid. Properties and structure formation of obtained copolymers. A. A. El'said, S. I. Miralina, V. A. Kargin. Dokl. AN SSSR 177 no 2 380-382 N '67.
- Description of the superconjugation of nonsymmetrical groups. "Optimum" quasi-two-center orbitals. M. V. Basilevskiy. Zhur. strukt. khim. 7 no 5 781-788 S-O '66.
- Determining the transformation heat at the transition from liquid-crystalline states of p-oxoanisole and cholesteryl capricate to the isotropic liquid and solid phases. N. M. Sakevich. Izv. vys. ucheb. zav., fiz. 10 no 5 82-85 '67.
- Dipole moments and structure of imidazole-2-aldehydes. L. M. Sitkina, A. F. Pozharskiy, A. M. Simonov. Zhur. ob. khim. 37 no 10 2215-2217 O '67.
- Dipole moments and structure of some organoselenium compounds. Report No. 3. β -Phenylselenoacrylic acids and their derivatives. L. M. Kataeva and others. Zhur. strukt. khim. 7 no 5 715-718 S-O '66.
- Effect of polyvinyl acetate and polystyrene on the bulk viscosity of benzene and chloroform. N. M. Kocharian, N. A. Nabbandian, V. TS. Akersell, Izv. AN Arm. SSR, fiz. 2 no 4 274-284 '67.

- Electronic structure and some physical properties of solids with CsCl, NaCl, and NaCl-type structure. I. M. Chuprik. Zhur. strukt. khim. 7 no 5 744 S-O '66.
- Hydrogenolysis of bis- α -crotylnickel chloride in connection with polymerization of diene. A. V. Pr and others. Dokl. AN SSSR 177 no 6 1349-1352 S '67.
- Influence of nonelectrolytes on the infrared spectra of water. Part 2. Hydration and structure of urea and dipeptides in aqueous solution. H. G. G. and others. Zhur. strukt. khim. 7 no 5 706-709 '67.
- Interaction in the system $HgS_2 - In_2Se_3 - V_2O_5$. Z. D. Melnikova, M. G. Safarov. Izv. AN BSSR Ser. mat. 3 no 12 2201-2206 D '67.
- Kinetics of copolymerization of N-vinylpyrrolidone and vinyl acetate. V. A. Agasandian, A. D. L. and others. V. I. A. Shern, Kim. i kat. 8 no 1 771-770 '67.
- Mass spectrometry of steroid systems. Report No. 2. Determining the configuration of steroid alcohols. V. I. Vulfson, V. I. Zaretskiy, V. G. Zaitkin. Khim. i biokhim. 4 no 6 369-382 '67.
- Mass spectrometry of steroid systems. Report No. 3. Determining location of the double bond in steroid systems by fusion mass spectrometry. V. I. V. I. Zaretskiy and others. Khim. prikl. i anal. 1 no 1 1 '67.
- Mossbauer effect and chemical bond in di- α -pyridyl copper. V. I. Baranovskiy and others. Zhur. ob. khim. 37 no 5 808-809 S-O '66.
- Mutual influence of components of the initiating system cumene hydroperoxide - cobalt naphthenate - phenylglyaniline in the process of polymerization. M. V. Glushovich. Zhur. prikl. khim. 10 no 9 2005-2005 S '67.
- Nuclear gamma resonance of tin (II) oxalate and its derivatives. A. A. Beldin and others. Vest. Mosk. univ. 2 7 '67.
- Nuclear magnetic resonance method of analyzing the formation of ethylenediamine complexes in aqueous solution. K. I. Zamatayev, M. A. Madanov, I. Skubnevich. Zhur. strukt. khim. 7 no 5 733-737 S-O '66.
- Nucleophilic substitution in the series of phenyl sulfonates. Part 2. Relation between structure of phosphorus-containing compounds and their reactivity in correlation equations. A. A. Nedykhalov and others. Zhur. ob. khim. 37 no 10 2255-2266 '67.
- Optical anisotropy and stereoregularity of poly(1,4-phenylsiloxane) chains. K. I. Vinogradov. Vest. Mosk. univ. 2 no 16 16-80 Ag '67.
- Optical rotation of molecules with various types of asymmetry. V. I. Sokolov. Zhur. ob. khim. 37 no 1 2207-2211 O '67.
- Polyesters with reactive macromolecules. Part 2. γ -ketopimelic acid and aliphatic glycols. Part 3. I. A. Topolkin, I. P. Onipenko, I. D. Arapova. Vest. AN BSSR, Ser. khim. nav. no 3 109-116 '67.
- Preliminary X-ray diffraction study of Ni(en) $_3$ Cl $_2$ crystals. A. F. Shchelashvili and others. Zhur. ob. khim. 7 no 5 810-812 S-O '66.
- Production of solid solutions by intercalation of $ZnCl_2$, $ZnCl_2$, $2GaCl_3 - ZnS$, and some of their chemical properties. A. Kozlov and others. Vest. AN SSSR Neorg. mat. 3 no 12 2280-2280 D '67.
- Quadrupole relaxation in complex compounds of rare earths. A. D. Gendin. Zhur. strukt. khim. 7 no 5 706-709 S-O '66.
- Sedimentation study of multigraft copolymers. I. A. Lova and others. Dokl. AN SSSR 177 no 6 1349-1352 S '67.
- Semiconducting properties of solid solutions in the system $HgS - HgTe$. F. F. Kharukhin and others. Vest. AN SSSR, Neorg. mat. 3 no 12 2207-2211 D '67.
- Stereochemical studies. Part 2. Rotation dispersion of some 3,4-dihydro- and 1,2,3,4-tetrahydro- α -lactones. V. M. Potapov and others. Zhur. ob. khim. 37 no 1 2670-2685 D '67.
- Stereochemistry and thermodynamic stability of methylbicyclo [4,3,0] nonanes. I. M. Makarova, V. A. Zakharenko, A. A. Petrov. Neftokhimiya 7 no 4 42-500 J1-Ag '67.
- Structure, reactivity and mechanisms of the reaction of compounds with multiple bonds and small molecules. I. A. D'konov and others. Zhur. VKhO 12 no 1 689 '67.
- Structure of caperin. Part 1. Paper for the 13th International Symposium. Zhur. ob. khim. 37 no 12 2625 D '67.
- Study of characteristic vibrations in spectra of organophosphorus compounds. Vibration of molecules containing one group SP_2N . E. I. Matrosov. Zhur. strukt. khim. 7 no 5 708-714 S-O '66.
- Study of structure and dielectric properties of arylsulfonates in the systems $LiTaO_3 - CsTaO_3$ and $LiNbO_3 - CsTaO_3$. Z. I. Shapiro. Izv. AN SSSR, Neorg. mat. 3 no 12 2245-2249 D '67.
- Synthesis of nuclear gamma resonance spectra of ^{119}Sn in adducts of the tetrafluoride with hydrogen fluoride. V. F. Sukhoverkhov, E. Z. Dzhevitskiy. Dokl. AN SSSR 177 no 3 611-614 N '67.
- Synthesis of polyarimides containing phosphorus in the main chain. N. A. Adrova, M. M. Koton, I. E. Prokhorova. Dokl. AN SSSR 177 no 3 579-581 N '67.
- Synthesis of some derivatives of 2-bromo- and 2,4-dibromophenoxyacetic acids. A. A. Aroian, L. A. Voskanyan, V. V. Darbinian. Arm. khim. zhur. 40 no 2 114-122 '67.

Kurchatov, the 10th element. Prom. Arm. 9 no. 9'
69 '66

Effect of the nature of quaternary ammonium compound on the extraction of cyanide complexes of metals and cyanide. B. N. Laskorin and others. Dokl AN SSSR 177 no. 6:1400-1403 D '67.

and dinitroperfluoroalkanes. I. L. Krunianis and others.
Zhur.ob.khim. 37 no.12-2611-2616 D '67.

- Rapid polymerization of ϵ -caprolactam. N. I. Antropova and others. Plast. massy no 12-18-21 '67.
- Role of hydroperoxides in n-heptane oxidation at low temperatures. G. Ohlmann, W. Schürmer. Kin. i kat. 8 no. 4 742-747 '67.
- Some thermodynamic correlations for two-component systems with complex composition of vapor and their application in mass spectrometric studies. L. N. Sidorov, V. B. Shel'is. Zhur. fiz. khim. 41 no 8 1960-1964 '67.
- Specificity of the action of a chromium catalyst in the dehydration of 2-pentanol. L. Kh. Freidlin, V. Z. Sharf, V. Sh. Abdumavlanova. Neftekhimika 7 no. 4 603-608 '67.
- Statistical analysis of the separation of gas mixtures by the condensation-separation method. M. A. Zhurkova, A. I. Piatnitskiy, N. I. Suvarevskiy. Neftekhimika 7 no. 3 37-39 N-D '67.
- Sterilization of glucose solutions using the autoclave method. Z. I. Bul'baeva. Farmatsia 16 no 6-10-22 N-D '67.
- Strongly based grafted homogeneous membranes. G. S. Kolesnikov and others. Plast. massy no 12-13-16 '67.
- Study of the isomerization of dialkylmaleimides in their interaction with primary allylamines. A. I. Rybnikova and others. Zhur. VKhO 12 no 6 693-695 '67.
- Study of the surface of Bi-Mo catalyst for oxidizing hydrocarbon by means of a radiochromatographic variant of differential isotope technique. R. A. Zimin, M. I. Ivanovskiy. Kin. i kat. 8 no. 4 936-939 '67.
- Studying the process of scale formation in circulation evaporators. I. N. Zaslavskiy, N. I. U. Tobolovskiy. Trudy TSINS no 11 157-161 '63.
- Synthesis of secondary alkylamines from aliphatic alcohols and ammonia in the presence of molten iron catalysts under pressure of a hydrogen-ammonia mixture. I. U. B. Kagan and others. Neftekhimika 7 no. 4: 619-622 N-D '67.
- Testing the counterflow predeflection in a laboratory column apparatus. A. K. Kartashov and others. Trudy TSINS no 11 75-81 '63.
- Thermal effect of the process of oxidation of petroleum asphalts. M. V. Vinogradov, V. A. Proskurnikov, D. A. Rozental'. Neftekhimika 7 no. 9-13-16 '67.
- Transformations in orcinol crystal hydrate. M. A. Tseneva, V. V. Poluektova. Zhur. fiz. khim. 41 no. 8 2072-2074 '67.
- Use of the dynamic method in studying temperature functions of modulus of elasticity in pyrocarbon and its parent glass. I. U. A. Kashtalian, E. M. Rabinovich. Izv. AN SSSR Neorg. mat. 3 no 12 2281-2282 D '67.

542(471 232)—Leningrad City

- Testing the DMA continuous-action column-diffuser with a productive capacity of 15 000 centers of beads per day. E. T. Koval' and others. Trudy TSINS no 11 81-101 '63.

542(477)—Ukrainian S.S.R.

- Testing the DMA continuous-action diffuser at the Symbor Sugar Factory. E. T. Koval' and others. Trudy TSINS no 11 108-121 '63.

543 ANALYTIC CHEMISTRY

- Advances in analytical chemistry in the USSR during the past 50 years. A. K. Babko. Zav. lab. 33 no 10 1180-1207 '67.
- Arkhipov, B. N. [Laboratory work in inorganic and organic chemistry, and technical analysis]. Laboratornyye raboty po neorganicheskoi, organicheskoi khimii i tekhnicheskoi analizu 2-e izd., ispr. i dop. Moskva, "Vyssh. shkola," 1967. 262 p.
- Determination of silicon in synthetic corundum by the neutron activation method at energies of 14.5 Mev. M. Saltanov, I. U. N. Talant, M. I. Usov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 11 no. 6:50-53 '67.
- Development of the technical analysis of metals in the USSR. I. I. Busev and others. Zav. lab. 33 no. 10:1207-1214 '67.
- Extraction separation of thorium and other elements as a thiocyanate complex with diantipyrimethane. V. P. Zhivopistsev, L. P. Piatosin. Uch. zap. Perm. gos. un. no. 159:254-258 '66.
- Improving the design of the valves of an immersed sampler. Transp. i khran. nefti i nefteprod. no. 10: 28 '67.
- Measurement of the chemical composition of substances and materials. A. B. Shaevich, A. V. Sifin, A. I. Sifin. Izv. tekhn. no. 11:117-120 N '67.
- Method for determining strontium in human osseous tissue. M. M. Golitsyna and others. Lab. delo no. 11:660-670 '67.
- Moscow Seminar on Analytical Chemistry. Zhur. anal. khim. 22 no. 10:1598-1599 O '67.
- New method of separation and quantitative determination of zirconium. V. P. Zhivopistsev, B. I. Petrov. Uch. zap. Perm. gos. un. no. 159:248-253 '66.
- Odessa Seminar on Analytical Chemistry. Zhur. anal. khim. 22 no. 10:1598 O '67.
- Separation and determination of tin with isobutyridiantipyrimethane. V. P. Zhivopistsev, V. S. Minina. Uch. zap. Perm. gos. un. no. 159:259-263 '66.
- [Technical analysis] Tekhnicheskii analiz. Moskva, "Vyssh. shkola," 1967. 414 p.

543.2 SPECIAL CHEMICAL METHODS OF ANALYSIS AND ASSAY

- Amperometric determination of thorium in the presence of extraneous metal ions forming strong complexes. V. A. Khadeev, S. A. Kozlovskaya. Uzb. Khim. zhur. 11 no 6 15-18 '67.
- Amperometric titration of rhodium. Report 1: Titration of rhodium (VII) with solutions of vanadium (II) salts. T. I. Rubinskaya, L. B. Khudis, Z. A. Gallai. Zhur. anal. khim. 22 no. 10 1519-1522 O '67.
- Applicability of the existing methods for determining the acidity of the distillates of diesel fuels and kerosenes. I. R. Gutman, V. M. Mil'man, I. A. Vladimirova. Nefteprod. i neftekhim. no. 9:43-44 '67.
- Complexometric titration of products of the sugar industry. V. A. Tsimul'. Trudy TSINS no 11 151-157 '63.
- Construction of laboratory apparatus for continuous extraction of substances by means of volatile solvents under a vacuum. G. M. Fishman. Lab. delo no 8 507 '67.
- Correlation of Paleogene sediments of Fergana based on data of spectral analysis. Sh. Kh. Amirkhanov, Sh. G. Saidkhodzhaev. Uzb. geol. zhur. 10 no 4 92-93 '66.
- Effect of ion concentration and accumulation time on the anodic peak of elements. A. I. Kameney, E. N. Vinogradova. Vest. Mosk. un. Ser. 2 Khim. 22 no 6 69-72 N-D '67.
- Establishment of metrological fundamentals for gas analysis. D. K. Kollerov, B. I. Gornshchik, L. I. G. Izim. Izv. tekhn. no. 11:121-125 N '67.
- Optical-graphic-polarographic determination of titanium, copper, and iron. L. O. Ignatenko, P. N. Kovalenko. Zhur. anal. khim. 22 no 10 1486-1489 O '67.
- Polarographic properties of lanthanides. N. N. Sevrinikov, M. Z. Khaseev. Zhur. anal. khim. 22 no 10 1487-1495 O '67.
- Polarographic reduction of carbonium ions. Part 1: Salts of 1,3-dimethyl-2-allylbenzimidazolium. Z. N. Timofeeva, A. V. El'tsov. Zhur. ob. khim. 37 no 12 2599-2602 D '67.
- Polarographic study of the hydrolysis of complex vinyl ethers. A. M. Shur, M. M. Filimonova. Zhur. ob. khim. 37 no. 12 2603-2608 D '67.
- Polarographic study of the kinetics of nitric acid ester hydrolysis. Part 2. M. S. Rusakova and others. Kin. i kat. 8 no. 4:901-906 '67.
- Potentiometric method of determining concentrations and activity coefficients of potassium carbonate. V. I. Mishin, N. A. Parpiev. Uzb. khim. zhur. 11 no 1 58-60 '67.
- Potentiometric study of oxidation of heavy metal sulfides. Report 1: O. A. Songina, T. S. Bekmukhametova. Izv. AN Kazakh. SSR, Ser. Khim. 17 no 1:45-52 '67.
- Pulse-polarograph determination of hexachlorobutadiene, octachlorocyclopentene, and hexachlorotetradiene. I. U. S. Lalikova and others. Zhur. anal. khim. 22 no. 10 1578-1581 O '67.
- Sensitivity of the determination of elements by the vector-polarographic method on a stationary mercury electrode. L. N. Vasil'eva, R. G. Pats, A. A. Pozdnakova. Zhur. anal. khim. 22 no 10 1459-1463 O '67.
- Separate titrimetric determination of hypophosphite and phosphite. P. K. Norkus, R. M. Markovskaya. Zhur. anal. khim. 22 no 10 1527-1531 O '67.
- Study of the polarographic behavior of some dihydroxamic acids. I. P. Nazarova, A. I. Glushenkova, A. I. Markman. Uzb. khim. zhur. 11 no. 6 34-37 '67.
- Thermographic study of critical temperature range in the vitreous system arsenic-germanium-tellurium. V. R. Panus, Z. U. Borlaeva. Izv. AN SSSR, Neorg. mat. 3 no. 12 2190-2193 D '67.

543.3 WATER SAMPLING AND ANALYSIS

- Water masses in continental bodies of water. N. V. Butorm. Trudy Inst. biol. vnut. vod. no. 7 3-9 '65.

543.3(470)—European U.S.S.R.

- Composition of suspensions in Rybinsk Reservoir. N. A. Ziminova. Trudy Inst. biol. vnut. vod. no. 7 100-111 '65.
- Distribution of rare and trace elements in the water of Rybinsk Reservoir in fall of 1961. G. V. Kol'tsov. Trudy Inst. biol. vnut. vod. no. 7:90-99 '65.
- Distribution of water of different origin in Rybinsk Reservoir during the spring season. M. G. Grishova. Trudy Inst. biol. vnut. vod. no. 7:45-54 '65.
- Hydrological characteristics of the outfall of Rybinsk Reservoir during the navigation season. A. S. Litvinov. Trudy Inst. biol. vnut. vod. no. 7:55-64 '65.
- Water of Rybinsk Reservoir. N. V. Butorm. Trudy Inst. biol. vnut. vod. no. 7:10-23 '65.

543.3(471.341)—Gorkiy Province

- Waters of the lake part of Gorkiy Reservoir. K. K. Edel'shteyn. Trudy Inst. biol. vnut. vod. no. 7 29-38 '65.

543.3(471.54)—Sverdlovsk Province

- Iodine content of water sources in some regions of Sverdlovsk Province. R. V. Sveikina. Trudy Sverd. sel'khoz. inst. 14 42-44 '65.

543.3(571.51)—Krasnoyarsk Territory

- Experimental data on the content of iodine in sources of drinking water in some districts of Krasnoyarsk Territory. E. P. Gantina. Sboi. nauch. trud. Krasnoyarsk gos. med. no. 7 115-117 '63.

543.4 OPTICAL, VISUAL METHODS OF ANALYSIS, ETC.

- Application of high-frequency electric fields in the emission spectrum analysis of substances. E. Egorova. Zhur. prikl. spekt. 8 no. 1:29-36 '67.
- Atomic spectral analysis. I. U. I. Beliaev, I. U. I. Beliaev, A. V. Karakina. Zhur. anal. khim. 22 no 11 11-14 N '67.
- Chemical-spectral method of determining thallium in potassium fertilizers. V. P. Zhivopistsev. Uch. zap. Perm. gos. un. no. 159:238-242 '66.
- Complex compounds of titanium and the tetraphenylphosphonocarbonyl compounds. A. V. Belyaev, I. O. Osipov, A. M. Shkurina. Zhur. ob. khim. 37 no. 12 2717-2724 D '67.
- Determination of concentrations on the basis of comparison to standard solutions. I. V. Morozov. Lab. delo no 8 473 '67.
- Determination of the refractive index of aqueous solutions of the vitreous systems. A. V. I. Beliaev, I. U. I. Beliaev, and others. Vest. LGU 22 no 10 117-118 '67.
- Determination of thioformamide and thioacetamide by infrared spectroscopy. G. M. Gidulskiy. Uch. zap. Perm. gos. un. no 8 48-49 '67.
- Development of spectrum analysis in the USSR. B. I. Britskiy, N. V. Buzanov, V. V. Nedelko. Zhur. anal. khim. 22 no. 10 1225-1234 '67.
- Development of X-ray spectral analysis in the USSR. K. I. Narbut, N. F. Loshov. Zhur. anal. khim. 22 no. 10 1235-1242 '67.
- Dispersion of the dielectric constant in ferroelectric substances with perovskite-type structure at high superhigh frequencies. N. P. Rukhovich. Izv. AN SSSR, Ser. fiz. 31 no. 11 1870-1873 N '67.
- Effect of phosphorus and boron on the intensity of spectral lines of chromium, molybdenum, vanadium, and titanium. V. V. Vorob'eva, M. A. Zolotarev. Perm. gos. un. no. 159 227-229 '66.
- Electron paramagnetic resonance spectra of complexes with formazans of the benzimidazole type. V. F. Amur'chenko, E. N. Ushchenko, I. I. Ushchenko. Zhur. strukt. khim. 7 no 5 801-804 '67.
- Electron quasi-line spectra of organic compounds. Their application for analyzing the structure of compounds. E. V. Shpil'skii. Zhur. prikl. spekt. 8 no. 1:3-4 O '67.
- Electronic states and intramolecular energy transfer in complex derivatives of benzene. R. N. Ibragimov, I. L. Belaitis, D. N. Shigorin. Zhur. ob. khim. 37 no 12 2628-2633 '67.
- Fluorescence microscopy in cytologic diagnosis of lesions of the thyroid gland. N. I. Nikitichuk. Lab. delo no 11:660-664 '67.
- Fluorescence microscopy method for evaluating the content of spermidine. G. D. Svatovetskiy, H. H. Ibragimov. Zhur. [Ukr.] 13 no. 6 814-816 N-D '67.
- Fluorescence microscopy of purification in the lesions of lesions of breast. K. A. Agamova. Lab. delo no 11 646-649 '67.
- Fluorescent microscopy of urine sediments. O. I. Ivanova. Lab. delo no. 11 655-657 '67.
- Fluorescence spectra of bile acids in solution. D. V. Staroselskiy. Lab. delo no 8:160-161 '67.
- Formation of proton centers in a dehydrated catalyst under the action of water. I. A. Belyaev, I. A. Chukin. Zhur. prikl. spekt. 7 no. 6:601-602 '67.
- Gas chromatographic analysis of complex mixtures of monocarbonyl compounds. Part 1: Alkyl ketones and 2-alkanones. R. V. Golovinin, V. P. Ushakov. Izv. AN SSSR 177 no. 2 350-353 N '67.
- Increasing the locality and sensitivity of infrared analysis of metal alloys. B. G. Voronov, A. V. Zhur. prikl. spekt. 8 no. 1:3-9 '67.
- Infrared absorption bands of free and coordinated carbonyl groups of heterocyclic compounds. B. A. Ushakov, N. N. Khovratovich. Zhur. prikl. spekt. 8 no. 4 518-511 O '67.
- Infrared and ultraviolet spectra of phenylhydrazides of diphenylacetic acid. I. S. Berdinskii and others. Uch. zap. Perm. gos. un. no. 159:201-204 '66.
- Isomeric chemical shifts of the Moraburp-2-phenyl isoelectronic antimony compounds. V. A. Belyaev and others. Zhur. eksp. i teoi. fiz. 51 no. 5:17-18 N '67.
- Light intensity distribution across the interference fringes of the plane-parallel Fabry-Pérot interferometer with the finite aperture into account. M. Kh. Ibragimov. Vest. Mosk. un. Ser. 3: Fiz., astron. 22 no 11:11-12 N-D '67.
- Luminescent analysis. E. A. Bozhevol'nov. Izv. AN SSSR, Ser. fiz. 31 no. 11:1692-1701 N '67.
- Mass spectrum analysis. V. L. Tal'tov, R. V. Tal'tov, I. I. Nikitskiy. Zhur. anal. khim. 22 no. 11:1231-1234 '67.
- Method of infrared spectroscopy in the study of diseases of the blood. Zh. Zh. Rapoport, G. I. Ibragimov. Sboi. nauch. trud. Krasnoyarsk gos. med. no. 7 115-117 '63.
- Methodology of the simultaneous quantitative determination of heavy metals in natural waters. A. A. Sadikov, A. F. Khakhina. Uch. zap. NIKA B. no. 8:123-127 '66.
- Mikhailovskiy, I. U. K., and others. [Photoelectric method for rapid spectrum analysis and tests for industrial application]. Fotoelektricheskiy metod dlya ekspresnogo spektralnogo analiza i ego primeneniye v proizvodstvennykh usloviyakh. Leningrad, 1967. 178 p. (Leningradskiy dom nauchno-tekhnicheskoi prikladnoy Seriya "Uluchsheniye kachestva, povysheniye nauchnoy i dolgovechnosti mashin, priborov, elektronnoy i elektromotornoy apparatury).

- Mutual influence of the components of a sample on the position of calibration graphs. M. A. Zotin, V. V. Vorob'eva, R. N. Troshkova. *Uch. zap. Perm gos. un.* no. 159 236-237 '66.
- On the structure of photons and the red shifting. I. A. Duzhkin. *Uch. zap. Nov. gos. ped. inst.* 1: 1-33 '60.
- Optical method for determining the moisture content of petroleum. V. F. Akimov, M. P. Esel'son, I. A. M. Kucherov. *Neftekhim. prom.* no. 5 37-39 '67.
- Optical properties of lead in the visible and infrared regions of spectrum in the room temperature to helium temperature range. A. I. Golovashkin, G. P. Motulovich. *Zhur. eksp. i teor. fiz.* 53 no. 6 1526-1538 N '67.
- Partition paper chromatography for the detection of penicillin metabolites. L. N. Astanina, L. M. Atabson. *Lab. delo* no. 11-666-669 '67.
- Phosphorescence spectra of pice and pentaphene. G. V. Tsytsishvili, M. K. Charkviani. *Sob. AN Gruz. SSR* 48 no. 2 329-331 N '67.
- Potentiometric analysis of grain processing products and its practical application at flour mills in the U.S.S.R. I. Mamish. *Muk. - el. v. prom.* 33 no. 10 21-24 O '67.
- Photometric determination of molybdenum with 4-dimethylaminophenyl-4-methylbenzylaminophenyl-antipyril-carbinol. V. P. Zhivovitsky, F. A. Serebrenna, Z. I. Bragina. *Uch. zap. Perm. gos. un.* no. 159 213-217 '66.
- Photometric determination of nickel and cobalt using bis-(4-sodiumtetraazyl-5-azo)-ethyl acetate. N. S. Frumina, N. N. Gorjunova, I. S. Mustafa. *Zhur. anal. khim.* 22 no. 10 1523-1526 O '67.
- Polarographic studies of unsaturated ketones. Part 4: Structure and reactivity of heterocyclic derivatives of propenone. Application of correlative equations. G. G. Belous, V. F. Lavrushev, V. D. Bezuglyi. *Zhur. ob. khim.* 37 no. 10 2169-2176 O '67.
- Position of fine structure maxima in the absorption spectra of some objects. A. N. Latyshev, T. A. Nechaeva. *Zhur. much. i prikl. fiz. i khim.* 12 no. 6 422-427 N-D '67.
- Possible errors in the determination of concentrations on the FEK-M device and their elimination. L. V. Moshin. *Lab. delo* no. 8 474-475 '67.
- Quantitative determination of branched carboxylic acids of the aliphatic series and their isobutyl esters by means of gas-liquid chromatography. I. A. T. Fidus, S. D. Pirogov, K. V. Puritski. *Zhur. anal. khim.* 22 no. 10 1559-1561 O '67.
- Quantitative determination of lower olefin oxides in a mixture with aldehydes by means of gas-liquid chromatography. L. M. Kalibzido, A. S. Vanabell. *Zhur. anal. khim.* 22 no. 10 1590-1592 O '67.
- Radiation graft of N-vinylacrylamide to cotton cellulose. I. Buganov and others. *Uzb. khim. zhur.* 11 no. 6 61-63 '67.
- Radiochemical analytical methods. N. P. Iudenko. *Zhur. anal. khim.* 22 no. 11 1736-1753 N '67.
- Raman spectra of chlorophene. M. I. Movsesyan, A. A. Sakhn. *Arm. khim. zhur.* 20 no. 2 95-97 '67.
- Recombined radiation of ZnS in the case of electric excitation. A. N. Georgobiani, V. I. Stebin. *Zhur. prikl. spekt.* 7 no. 1 181-188 O '67.
- Relationship between the electron concentration and temperature of a plasma in an arc source of spectrum excitation. I. A. Krumberg. *Zhur. prikl. spekt.* 7 no. 4 555-558 O '67.
- Selecting the reflection coefficient of mirrors of a multiple-wave interferometer. A. I. Akimov, G. I. Kromskii, L. V. Skokov. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 22 no. 6 81-85 N-D '67.
- Sensitivity of a multiple-wave interferometer. I. V. Skokov, G. I. Kromskii. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 22 no. 6 100-101 N-D '67.
- Solid supports in the gas-liquid chromatography of acids, pyridine, and quinoline bases. V. I. Tikhonov and others. *Zhur. anal. khim.* 22 no. 10 1545-1551 O '67.
- Solvatochromism and half-wave potentials of paradiethylaminobenzene. A. V. Finkel'shteyn, A. I. Iakushenko, V. P. Kurnarev. *Zhur. fiz. khim.* 41 no. 8 2070-2081 Ag '67.
- Solvatochromism of some aromatic compounds and Hammett constants. A. V. Finkel'shteyn, E. U. Bellaev, Z. M. Kuz'mina. *Zhur. fiz. khim.* 41 no. 8 1950-1951 Ag '67.
- Some discharge characteristics in a hollow cathode with a membrane separating areas of stimulation and exaporation. G. A. Pestov, V. Z. Krasil'nikov, A. F. Iavkina. *Zhur. prikl. spekt.* 7 no. 4 545-549 O '67.
- Spectral absorption analysis in the production of concentrated nitric acid. N. I. Vasil'eva, B. F. Rud'ko. *Zhur. prikl. spekt.* 7 no. 4 607-610 O '67.
- Spectral analysis of high-purity thorium. O. F. Degtiareva, L. G. Sinityn. *Zhur. anal. khim.* 22 no. 10 1500-1505 O '67.
- Spectroscopic method of studying urinary calculi. M. A. Bagirov, A. D. Ismailov. *Azerb. med. zhur.* 44 no. 11:58-60 N '67.
- Spectral study of temperature distribution in the channel of an electric arc source of an argon plasma with axial flow of the working medium. A. V. Pustogarov, E. A. Iakovlev. *Toplofiz. vys. temp.* 5 no. 4 713-714 Ji-Ag '67.
- Spectrographic analysis of radiogenic osmium. K. E. Izgibaeva, S. K. Kalinin, L. E. Fain. *Zhur. prikl. spekt.* 7 no. 5 924-927 D '67.
- Spectrophotometric determination of vitamin A in the blood and liver, concerning some works by V. A. Karpacheva, E. A. Petrova. *Vop. med. khim.* 13 no. 6 640-642 N-D '67.
- Spectrophotometric study of complex compounds of rare earth element, with arsenazo III. N. I. Akmaeva, I. U. Medkov, V. P. Khramov. *Zhur. anal. khim.* 22 no. 10 1482-1486 O '67.
- Spectrophotometric study of the interaction of scandium ions with N, N'-di-(2-hydroxy-5-sulphophenyl)-C-cyanofornazan. S. P. Onosova, G. K. Kuntsevich, D. G. Lislenko. *Zhur. anal. khim.* 22 no. 10 1469-1474 O '67.
- Spectroscopic study of organoboron compounds. Part 1: Infrared spectra of organoboron compounds. I. I. Lapkin, G. A. Iuzhakova. *Uch. zap. Perm gos. un.* no. 159 264-269 '66.
- Spectroscopic study of organoboron compounds. Part 2: Ultraviolet spectra of organoboron compounds. I. I. Lapkin, G. A. Iuzhakova. *Uch. zap. Perm gos. un.* no. 159 270-275 '66.
- Spectroscopic study of the evaporation of particles in an arc plasma. I. A. D. Naikhsbaum, M. A. Luzhova, L. I. Khalidukova. *Zhur. prikl. spekt.* 7 no. 1 559-561 O '67.
- Spectroscopy and astronomy. V. K. Prokolev. *Zhur. prikl. spekt.* 7 no. 4 486-485 O '67.
- Spectrometry analysis of impurities in scandium and its compounds. O. F. Degtiarev, T. A. Peinjakova. *Zhur. prikl. spekt.* 7 no. 1 594-598 O '67.
- Structure of anthracene sulfoxides; ultraviolet spectra and dipole moments. I. U. A. Kolesnik, E. N. Gubanov, V. V. Kozlov. *Zhur. fiz. khim.* 41 no. 8 1946-1949 Ag '67.
- Structure of polychloroprene. Part 2: Infrared spectral quantitative method of studying polychloroprene microstructure. F. O. Azhlandzhian, L. G. Melkoni. *Arm. khim. zhur.* 20 no. 2 98-105 '67.
- Study of vanadyl chloride hydrolysis by means of infrared spectrophotometry. Report 2. E. A. Kopylova, N. N. Ruban, V. D. Ponomarev. *Izv. AN Kazakh SSR, Ser. khim.* 17 no. 1-3-9 '67.
- Studying the electron state and dynamics of motion of tin atoms on the surface of silica gel, and solute by means of γ-resonance spectroscopy. I. P. Suzdalov, A. S. Plachinda, E. F. Makarov. *Zhur. eksp. i teor. fiz.* 53 no. 5 1556-1562 N '67.
- Studying the ferroelectric substances at superhigh frequencies. I. U. M. Poplavko. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1865-1869 N '67.
- Studying the optical and electric properties of some metals of the fourth group. A. I. Golovashkin. *Trudy Fiz. inst.* 39 91-150 '67.
- Studying the optical properties of single crystal antiferromagnetic NiO in the long-wave region of infrared spectrum. G. A. Kraftmakher, N. I. Furashov. *Zhur. prikl. spekt.* 6 no. 1 95-97 Ja '67.
- Studying the principles influencing the character of the spectrum of a plasma obtained by means of a laser. A. I. Kozubikov, A. A. Ivanovskii. *Zhur. prikl. spekt.* 7 no. 4 561-568 O '67.
- Studying the spectrum of the thermal and induced molecular scattering of light in liquids. V. S. Starunov. *Trudy Fiz. inst.* 39 151-210 '67.
- Studying the structural state at phase transitions in alloys. M. I. Zakharova. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 22 no. 3 32-40 O '67.
- Surface hydroxyls and hydrogen chemisorption on magnesium oxide studied by infrared spectroscopy. A. A. Lisachenko, N. N. Filimonov. *Dokl. AN SSSR* 177 no. 2 301-304 N '67.
- Synthesis and reactions of cyclopentadiene derivatives containing silicon. Part 2: Structure of cyclopentadienylchlorosilanes. I. M. Sholomon, M. K. Romantsevich, S. V. Kul'kova. *Zhur. ob. khim.* 37 no. 10 2315-2320 O '67.
- Synthesis of glycidyl ethers of acetylenic glycols. S. G. Matsurin, I. A. Akopian. *Arm. khim. zhur.* 20 no. 2 106-109 '67.
- Ultraviolet absorption spectra of films of polyvinyl alcohol. S. S. Savko, G. P. Faerman. *Opl.-mekh. prom.* 33 no. 9 5-9 S '66.
- Use of microwave spectrometry for the determination of impurities of ethyl and isopropyl alcohol in gasoline. A. N. Alekandrov, G. I. Tysovskii. *Zhur. anal. khim.* 22 no. 10 1532-1535 O '67.
- Use of paper chromatography for the determination of sugars in the blood. V. K. Gorodetskii. *Vop. med. khim.* 13 no. 6 627-633 N-D '67.
- Use of the infrared spectroscopy in analyzing a five-component system of alkylphenols using infrared spectroscopy. T. N. Pillev, A. F. Lizogub, V. N. Polotova. *Zhur. prikl. spekt.* 7 no. 6 874-877 D '67.
- Use of the method of layer-by-layer local spectrum analysis in studying carbon distribution in lion graphite sliding friction bearings after wear. A. S. Dem'ianchuk, V. D. Zozulia, O. I. Fushchich. *Zhur. prikl. spekt.* 7 no. 4 628-630 O '67.
- Use of the polynomial approximation method in studying the laws governing the intake of matter in a light source. V. D. Ivanova, V. I. Kasatkina, K. I. Taganov. *Zhur. prikl. spekt.* 7 no. 4 559-563 O '67.
- Use of the Raman scattering method in studying the rotational fluctuations of molecules in liquids. U. A. Zirnits. *Trudy Fiz. inst.* 39 55-90 '67.
- Use of thin-layer chromatography in the determination of corticosterone in the blood flowing from the adrenal gland. P. P. Golikov. *Lab. delo* no. 8 467-469 '67.
- Using X-ray spectroscopy as a method of analyzing crude copper. V. E. Spector and others. *Tsvet. met.* 10 no. 12 38 D '67.
- X-ray spectral analysis. M. A. Blokhin, N. P. Il'in. *Zhur. anal. khim.* 22 no. 11 1711-1720 N '67.

- Results of using nasal electrophoresis in the clinical practice of internal diseases. V. A. Opaleva, A. N. Protopopov, G. A. Litvinova. *Sher. nauch. tr. Krasnoia. gos. med. univ.* no. 7 277-280 '63
- Role of stationary phase in gas-liquid chromatography and methods of the selection of sorbent. M. S. Vigdeigauz. *Usp. khim.* 36 no. 10 1810-1841 O '67
- Separate determination of the surface of complex catalysts by chromatographic methods. Part I: Nickel on supports. N. E. Bulanova and others. *Kin. i kat.* 8 no. 4 868-877 '67
- Study of polydispersity of some oligoorganosiloxanes by means of chromatographic adsorption. I. G. Sarishvili and others. *Zhur. prikl. khim.* 40 no. 9 2062-2063 S '67
- Study of the products of alkenylation by gas-liquid chromatography. Part I: Chromatographic behavior of alkenylphenols and their ethers. E. A. Vdovtsova, T. T. Gorovits. *I. V. O'gort. Urb. khim. zhur.* 11 no. 1 30-37 '67
- Successive amperometric titration of cation mixtures containing thallium, cadmium, silver. A. K. Zhdanov, N. A. Akent'eva, N. V. Kapitsa. *Uzb. khim. zhur.* 11 no. 6 12-14 '67
- Use of ion exchange cation resins for the determination of the acidity of gastric juice. V. K. Modestov, A. T. Tsygankov. *Lab. delo* no. 11-657-658 '67
- Use of the (n, p)-reaction method in determining the gold content in underground waters. A. A. Abdullae, A. Sh. Zakhidov, V. A. Gakhov. *Izv. AN Uzb. SSR, Ser. fiz.-mat. nauk* 11 no. 1-66-68 '67
- Use of thin layer chromatography for determining chlorophylls (DDVP) and dichloroacetaldehyde in biological material. A. T. Farukhova. *Farmatsia* 16 no. 6 49-55 N-D '67
- Use of thin-layer chromatography for the analysis of l-carboethoxymethyl-4-carboethoxypiperidine. A. A. Chernenetskaya and others. *Khim. i farm. zhur.* 1 no. 8 45-47 Ag '67
- 543.7 INORGANIC ANALYSIS: MOISTURE, IMPURITIES, ETC.**
- Analysis of high-purity substances. V. A. Nazarenko, G. V. Plankovskaya. *Zhur. anal. khim.* 22 no. 11:1754-1761 N '67
- Analyzer of the moisture content of petroleum in flow. B. E. Kuliev, V. P. Stepanov. *Nefteper. i neftekhim.* no. 9-35-37 '67
- Capture of holes by impurity centers and the recombination luminescence of NaCl-Cu and NaCl-Cu, Ag crystals. J. Haidre. *Izv. AN SSSR, Ser. fiz.* 31 no. 12 1970-1972 D '67
- Classical methods of analysis. I. V. Plankovskaya. *Zhur. anal. khim.* 22 no. 11:1610-1620 N '67
- Extraction analytical methods. I. U. A. Zolotov. *Zhur. anal. khim.* 22 no. 11:1644-1650 N '67
- Extraction of scandium by acetylacetonate. V. I. Fadeeva. *Abdel. Rukhmanov. Vest. Mosk. un. Ser. 2 Khim.* 22 no. 6 52-55 N-D '67
- Fifty years of Soviet analytical chemistry. *Zhur. anal. khim.* 22 no. 11:1601-1609 N '67
- Hydroscopy of aluminum fluoride. G. N. Bogachev, I. U. G. Miasnikov. *TSvet. met.* 40 no. 12 31-32 D '67
- Inorganic microgram and ultramicrogram analysis. B. I. Frid, M. N. Petrikova. *Zhur. anal. khim.* 22 no. 11:1621-1626 N '67
- Luminescence centers and capture centers in NaI-Tl and NaI-in crystals with oxygen impurities. A. N. Panova, R. Kh. Mustafin. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:1975-1978 D '67
- Organic reagents in inorganic analysis. S. B. Savvin. *Zhur. anal. khim.* 22 no. 11:1627-1643 N '67
- Photometric method of cobalt determination. I. P. Shestova and others. *Uzb. khim. zhur.* 11 no. 6 19-20 '67
- 543.8 ORGANIC ANALYSIS**
- Advances in the analysis of organic substances. A. A. Cherkasskiy, N. E. Gel'man, E. A. Terent'eva. *Zav. lab.* 33 no. 10:1215-1224 '67
- Analysis of a ternary mixture of phenols. K. I. Arkhipov, V. I. Garelina. *Lokhoras. mat. i ikh. prim.* no. 5 92-93 '67
- Chemical stability of vitreous and ceramic materials. G. M. Matvelev. *Zhur. VKHO* 12 no. 6 711-712 '67
- Dependence of the mercaptan sulfur content in the kerosene fractions of the Volgograd petroleum on the quantity of hydrogen sulfide in casing-head gas. A. P. Oleinikova, L. P. Shuriga, L. A. Akulina. *Nefteper. i neftekhim.* no. 9:44-46 '67
- Determining the ash content of coal on the basis of density gamma-gamma gamma logging. A. Z. Gorin, D. V. Petrakov. *Razved. geofiz.* no. 21:111-119 '67
- For higher selectivity of organic analytical reagents. N. N. Basargin. *Zhur. anal. khim.* 22 no. 10:1445-1453 O '67
- Microdetermination of fluorine in fluorocarbon compounds. I. M. Morikawa, L. N. Diakur. *Zhur. VKHO* 12 no. 6 608-609 '67
- Microdetermination of oxygen in organic compounds containing sulfur. Interaction of nickel with sulfur-containing products of pyrolysis of organic substances. N. E. Gel'man, V. P. Grigor'yan. *Zhur. anal. khim.* 22 no. 10:1541-1544 O '67
- New methodology for the detection of C-14 radioactive protein in blood plasma. I. A. S. Shapiro. *Lab. delo* no. 8:489-491 '67
- Organic analysis. N. E. Gel'man, E. A. Terent'eva. *Zhur. anal. khim.* 22 no. 11:1762-1775 N '67
- Reactivity of organic compounds (determination of the kinetics of hydrogen isotope exchange in nonaqueous solutions). A. I. Shatenshtein. *Kin. i kat.* 8 no. 5:1056-1072 S-O '67
- Stereochemistry and thermodynamic stability of methylbicyclo [4.3.0] nonanes. I. M. Makarova, V. A. Zakharenko, A. A. Petrov. *Neftekhimika* 7 no. 4:491-500 Ji-Ag '67
- 546 INORGANIC CHEMISTRY**
- Nuclear gamma resonance of tin (II) oxalate and silicate. A. A. Bekker and others. *Vest. Mosk. un. Ser. 2 Khim.* 22 no. 6 83-84 N-D '67
- Reaction of diethylchlorophosphine with chloromethylbutyl ether. V. S. Tsvinnin, L. N. Krut'shii, G. Kh. Kamai. *Zhur. ob. khim.* 37 no. 12 2752-2754 D '67
- Stabilization of radiophosphorus in methylene chloride. N. I. Gabov. *Uch. zap. Perm. gos. un.* no. 159-90-91 '66
- Western Sayan Lower Cambrian complex of small intrusions. S. S. Kumelev. *Geol. i geofiz.* no. 7:58-62 Ji '67
- 546.02 ISOTOPES**
- Effect of isotopic composition on the electric conductivity of cadmium. G. Kh. Panova, B. N. Samoilov. *Zhur. eksp. i teor. fiz.* 53 no. 5 1539-1544 N '67
- Elastic scattering of the 4 Mev. polarized neutrons by Be⁹, Cl³⁵, Co⁵⁹, Ni⁶², Se⁸⁰, Nb⁹³, Cd¹¹⁴, In¹¹⁵, Sn¹¹⁸, I¹²⁷, Pb and Bi²⁰⁹ nuclei. G. V. Gorlov, N. S. Lebedeva, V. M. Morozov. *IAD. fiz.* 6 no. 5 910-918 N '67
- Energy and mass distribution of fragments at fission of U²³⁵ and U²³⁸ by fast neutrons. P. P. Diachenko and others. *IAD. fiz.* 6 no. 6 1067-1073 D '67
- Fine structure of the curve of the fragment mass yields in U²³⁵ fission by 14 Mev. neutrons. I. T. Krut'shii, A. N. Protopopov, N. T. Usacheva. *IAD. fiz.* 6 no. 5:919-920 N '67
- Identification of tellur by daughter products of proton decay. D. D. Bogdanov and others. *IAD. fiz.* 6 no. 6 1113-1116 D '67
- Isomeric chemical shifts of the Mossbauer gamma-line in isoelectronic antimony compounds. V. A. Brukhanov and others. *Zhur. eksp. i teor. fiz.* 53 no. 5:1582-1588 N '67
- Isotope laboratory to contribute to the progress of industry. V. I. Bochenko. *Zav. lab.* 33 no. 10:1354 '67
- Long-range particles at U²³⁵ fission by 14 Mev. neutrons. V. M. Adamov and others. *IAD. fiz.* 6 no. 5 930-934 N '67
- Magnetic resonance on Pr¹⁴¹ nuclei in Pr₂(SO₄)₃. Bi²⁰⁹ O single crystals. M. A. Teplov. *Zhur. eksp. i teor. fiz.* 53 no. 5 1510-1515 N '67
- Mechanism of (gamma, p) reaction on Pb²⁰⁸ nucleus. V. M. Moskvitsin, E. L. Adrovskii. *Vest. Mosk. un. Ser. 2 Khim.* 22 no. 6 52-55 N-D '67
- Multiple transition at energy of 601.59 KeV. in Ba¹³⁷. V. M. Kaitashov and others. *IAD. fiz.* 6 no. 5 901-905 N '67
- New isotope C²⁴². V. I. Miaschenko and others. *IAD. fiz.* 6 no. 6 1117-1118 D '67
- Nucleon clusters in Li⁶, Li⁷, and Be⁹ nuclei from the data on various reactions at high energies. I. U. A. Kudel'arov and others. *IAD. fiz.* 6 no. 6 1203-1214 D '67
- Positrons produced in ¹¹⁴Te¹⁷² - ¹⁴⁴Te¹⁷² decay. B. S. Zhdanov, M. A. Dolgoborodova. *Vest. LGU* 22 no. 16 58-64 Ag '67
- Positronium V. I. [Use of radioisotopes in research and the automation of work and test control] Radioaktivnye izotopy v issledovanii i avtomatizatsii kontrolya iznosa. Moskva, "Mashinostroenie," 1987, 139 p.
- Production of ¹¹³Te at interaction between the 600 Mev protons and light nuclei. V. N. Kuz'min, R. M. Iakovlev. *IAD. fiz.* 6 no. 6 1158-1161 D '67
- Tellurium emitter of delayed protons. D. D. Bogdanov and others. *IAD. fiz.* 6 no. 5:893-900 N '67
- Transitions in Os¹⁸⁶. G. I. Sychev, O. D. Kovrigin. *Trudy Inst. iad. fiz. AN Kazakh. SSR* 7:49-56 '66
- Triple pyro-correlation of gamma-rays at the decay of the resonant state of Al²⁷ with E=10,480 Mev. A. A. Koval' and others. *IAD. fiz.* 6 no. 5:886-892 N '67
- 546.1 NONMETALS, METALLOIDS**
- Action of some dihalo derivatives on sodium salts of dialkylphosphorous acids and phosphites. V. S. Abramov, N. A. Moskva. *Zhur. ob. khim.* 37 no. 10:2243-2247 O '67
- alpha-Ferrocenylcarbonium salts. Reaction with carbonilons. A. N. Negmanov, V. A. Sazonova, G. I. Sukova. *Dokl. AN SSSR* 178 no. 6 1317-1319 O '67
- Approximate determination of the diffusion coefficient of electrolytic hydrogen. V. P. Alkin. *Uch. zap. Perm. gos. un.* no. 159:135-139 '66
- Binary nonmetallic systems with a continuous series of solid solutions studied by the high-frequency method. F. R. Verzhbitskii, V. F. Ust'-Kachinskii. *Uch. zap. Perm. gos. un.* no. 159:122-127 '66
- Complex-forming properties of hydroxyethylidenediphosphonic acid in aqueous solutions. M. L. Kabachnik and others. *Dokl. AN SSSR* 177 no. 3:582-585 N '67
- Distribution of the stimulants of electrolytic hydrogen treatment between solution, gaseous products of electrolysis, and cathode surface. Hydrogen permeability of steel membranes. Part 2: Arsenic. V. P. Alkin, I. A. Usatnova. *Uch. zap. Perm. gos. un.* no. 159:157-164 '66
- Effect of carcinogens and mutagens on nucleic acids. Part No. 4. Effect of the ionic strength of solution on thermal denaturation characteristics of DNA treated with nitrous acid and hydroxylamine. V. P. Koshchuk, I. A. Khodosova. *TSitologiya* 9 no. 8 957-973 Ag '67
- Expenditures in the production of weak nitric acid. E. Perlov. *Prom. Arm.* 9 no. 9 41-43 '66
- Extraction of complex acids by oxygen-containing solvents. B. Z. Iofa, A. S. Ushchenko. *Vest. Mosk. un. Ser. 2 Khim.* 22 no. 6 20-25 N-D '67
- Fluohalogenates of alkali metals. A. A. Opalovskii. *Usp. khim.* 36 no. 10:1693-1700 O '67
- Formation of Br⁻ ion in aqueous solution at different temperatures. V. A. Kustodina. *Zhur. prikl. khim.* 40 no. 9 2071-2072 S '67
- Formation of molecular nitrogen complexes with transition and osmium compounds. I. U. G. Borodko, A. A. Smolodskii, A. E. Shilov. *Dokl. AN SSSR* 176 no. 6 1297-1299 O '67
- Formation of nitrogen compounds in the thermal decomposition of fuel. Involvement of readily hydrolyzable components in the formation of nitrogen compounds in the thermal decomposition of peat. Part 5. Vessal AN SSSR. *Ser. khim. nav.* no. 1:81-88 '67
- Interaction of N-hydroxyalkyl-2-pyrimidinones with phosphorus acid chlorides. V. S. Reznik, N. G. Pastukhov. *Dokl. AN SSSR* 177 no. 3:604-606 N '67
- Mathematical evaluation of density and viscosity of concentrated phosphoric acids. Z. V. Kondratenko, I. A. Kovalev. *Zhur. prikl. khim.* 40 no. 9:1947-1951 S '67
- N-aryl (alkyl)-N-ethylene-P-fluorodiamides of thiophosphoric acid. N. A. Skul'skaya, L. D. Prutsenko. *Zhur. ob. khim.* 37 no. 12 2721-2726 D '67
- Phosphazene sulfonyls. I. N. Zhmurova, A. P. Murganov. *Zhur. ob. khim.* 37 no. 12 2705-2710 D '67
- Phosphorylation of aliphatic-aromatic alpha-amino acids. A. M. Panchuk, I. M. Kosinskaya, V. I. Shevchenko. *Zhur. ob. khim.* 37 no. 12 2693-2698 D '67
- Pyrolytic reactions of nitriles of nitrogen-fluorocarbonates and dinitrofluorocarbonates. I. L. Kuz'min and others. *Zhur. ob. khim.* 37 no. 12 2611-2616 D '67
- Reaction of diphosphines with disulfides. I. U. N. Shlyk, G. M. Bogolubov, A. A. Petrov. *Dokl. AN SSSR* 176 no. 6 1327-1330 O '67
- Reactions of the active forms of nitrogen with organic molecules. O. K. Fomin. *Usp. khim.* 36 no. 10:1701-1720 O '67
- Separate titrimetric determination of hypophosphite and phosphite. P. K. Noikua, R. M. Markievich. *Zhur. anal. khim.* 22 no. 10:1527-1531 O '67
- Solubility of ammonia in aqueous solutions of potassium hydroxide. G. A. Sorina, V. M. Muzlovich, G. D. Freymova. *Zhur. ob. khim.* 37 no. 10:2180-2184 O '67
- Stability of the preparation neohydrazin labeled with ¹⁴C. V. I. Stanko, I. N. Butseva. *Zhur. ob. khim.* 37 no. 12 2633-2635 D '67
- Structure of the products of hydrolysis of trialkylphosphates. V. I. Shevchenko, A. M. Panchuk, V. I. Kisilenko. *Zhur. ob. khim.* 37 no. 12:2698-2701 D '67
- Studying SiC15 by means of Raman scattering spectra at room temperatures and low temperatures. I. S. Zakharenko, M. Markov. *Zhur. prikl. spekt.* 7 no. 4 509-513 O '67
- Studying the nitrogen radiation in an unbalanced laser behind the shock wave front. G. D. Smekhov, S. A. Losev. *Zhur. prikl. spekt.* 7 no. 4 589-593 O '67
- Styrylation of phosphorus pentachloride. G. K. Federova and others. *Zhur. ob. khim.* 37 no. 12 2686-2693 D '67
- Sulfur-containing organic compounds of arsenic. Part 1: Some esters of phenyl-p-nitrophenylthioacetic acid. G. Kh. Kamai, N. A. Chadaeva, M. P. Osipova. *Zhur. ob. khim.* 37 no. 12 2754-2757 D '67
- Syntheses on a base of tetramethylphosphonium chloride. Part 1: Tri (acetoxymethyl) phosphine as starting material for obtaining alkyl-diacetoxymethyl dialkyl (acetoxymethyl)- and trialkylphosphines. Z. N. Morozova and others. *Zhur. ob. khim.* 37 no. 12 2747-2752 D '67
- Thermal decomposition of barium azide and sodium bicarbonate in liquid organic media. *Kin. i kat.* 8 no. 4:907-908 '67
- 3,6-Endocyclohexanone and cyclohexenone. Part 40: Effect of electron acceptor groups on solvolysis of bromo derivatives of the series of 7-oxabicyclo [2.2.1] heptane. N. S. Zefirov, R. S. Filatova, I. K. Gur'ev. *Zhur. ob. khim.* 37 no. 10:2234-2236 O '67
- Using liquid nitrogen in the assembly of stationary points in ship repairs. *Rech. tranep.* 26 no. 11:54-55 '67
- 546.2 NONMETALS, METALLOIDS OF SIXTH AND OTHER GROUPS**
- Activated sintering of zirconium and hafnium carbides in a vacuum. G. A. Meerson, F. A. Pokhachidze, V. A. Kopeikin. *Izv. AN SSSR, Neorg. mat.* 3 no. 12:2174-2178 D '67
- Adsorption of sulfur dioxide in a layer of ideal mixing. L. I. Vinnikov, I. P. Mulinov, I. G. Lesokhin. *Zhur. prikl. khim.* 40 no. 9:1895-1901 S '67
- Alloying of alpha-SiC monocrystals during growth. I. G. Pichugin, N. A. Smirnova. *Izv. AN SSSR, Neorg. mat.* 3 no. 12:2153-2157 D '67
- Application of oxidative chlorophosphination reaction for synthesis of organophosphorus-germanium compounds. N. G. Dzhurinskaya, S. A. Mikhailitsina, V. P. Evdakov. *Zhur. ob. khim.* 37 no. 10 2278-2280 O '67
- Catalytic decomposition of hydrogen peroxide on Fe-phthalocyanine catalysts. A. A. Bafandina and others. *Kin. i kat.* 8 no. 4:808-813 '67
- Cementation of selenium by metallic iron. I. A. Kuzin, V. K. Charkun. *Zhur. prikl. khim.* 40 no. 9 1902-1909 S '67

- Characteristics of the reaction of C_{11} -dimethyl ether with alcohols in dehydration catalysis over aluminum oxide, RU, I, Derbentsev and others. Dokl. AN SSSR 177 no. 6 1371-1374 D '67.
- Circulation system for the measurement of radiogenic argon by the method of isotopic dilution. S. N. Voronovskii, A. S. Belyukhin, Izv. AN SSSR, Ser. geol. no. 12 13-134 D '67.
- Dependence of the specific surface value of polysilicic acids on their chemical composition. V. B. Aleksovskii, N. G. Roslavskaya. Zhur. ob. khim. 37 no. 10 2166-2169 O '67.
- Difference in catalytic action of $AlCl_3$ and $Fe(FeOx)_3$ in electrophilic halogenation of α - and β -naphthalenes. V. I. Stanko, A. I. Klimova, T. P. Klimova. Zhur. ob. khim. 37 no. 10 2236-2243 O '67.
- Diffusion of carbon in carbides of transition metals of groups IV-VI in the periodic system. R. A. Andrievskii and others. Izv. AN SSSR Neorg. mat. 3 no. 12 2158-2164 D '67.
- Distribution of the stimulants of electrolytic hydrogen treatment between solution, gaseous products of electrolysis, and cathode surface. Hydrogen permeability of steel membranes. Part 3. Selenium. V. P. Altkin, V. I. Ivanova. Uch. zap. Peim. gos. un. no. 159 165-172 '66.
- Distribution of the stimulants of electrolytic hydrogen treatment between solution, gaseous products of electrolysis, and cathode surface. Hydrogen permeability of steel membranes. Part 4. Tellurium. V. P. Altkin, V. N. Lomako. Uch. zap. Peim. gos. un. no. 159 173-178 '66.
- Dynamic birefringence and the polydispersity of polystyrene solutions. S. M. Savvon, D. D. Gligor'eva. Vest. LGU 22 no. 16 54-57 Ag '67.
- Effect of water on the speed and direction of the liquid-phase oxidation of n -butane. M. G. Bulgyn and others. Neftekhimika 7 no. 4 586-590 JI-Ag '67.
- Effective cross section of the excitation of $2p$ -levels of neon. I. P. Zapevalov, P. V. Peltan. Zhur. prikl. spekt. 6 no. 1 III-112 Ja '67.
- Electrodeposition of tellurium from thiotelluric solutions. IU. A. Zaitsev, T. N. Greiver. Zhur. prikl. khim. 40 no. 9 1686-1690 S '67.
- Improving the technology of smelting converter pig iron. G. Sagalad and others. Metallurg 13 no. 1 5-8 Ja '68.
- Nature of phase transitions in rotating liquid helium. E. L. Andronikashvili, D. S. Tsakadze. Fiz. niz. temp. no. 2 35-40 '66.
- Photodisintegration of O^{16} nucleus. N. M. Kabachnik, V. L. Korotkiikh, G. I. Unger. Izd. fiz. 6 no. 5 973-981 N '67.
- Production of germanium-containing phenylacetylene carbides. I. M. Gverdtsiteli, L. V. Baramidze, M. V. Chelidze. Zhur. ob. khim. 37 no. 12 2654-2656 D '67.
- Pyrolysis of hydrocarbon stock in the presence of steam and ammonia. L. V. Talleman, M. A. Shaburov. Neftekhimika 7 no. 4 575-579 JI-Ag '67.
- Reaction of tellurium with sulfide solutions and of sulfur with telluride solutions. T. N. Greiver, I. G. Zaitsev. Zhur. prikl. khim. 40 no. 9 1920-1923 S '67.
- Reaction of triorganylacetylenes with trivalent phosphorus derivatives. N. F. Orlov, B. L. Kaufman. Zhur. ob. khim. 37 no. 10 2320-2323 O '67.
- Rearrangements of silicon-containing oxides. G. A. Razuvayev and others. Dokl. AN SSSR 177 no. 3 600-603 N '67.
- Relaxation processes connected with the temperature changes of rotating liquid helium II. G. V. Gudzhubidze, D. S. Tsakadze. Fiz. niz. temp. no. 2 11-11 '66.
- Removal of volatile inorganic hydrides from monosilane by means of extraction rectification. G. G. Deviatykh, V. I. Dudorov, A. D. Zorin. Zhur. prikl. khim. 40 no. 9 1951-1955 S '67.
- Research in the field of alkoxysilanes. Part 22. Alcohols of trimethylthoxysilane. M. G. Voronov, L. A. Zhigata. Zhur. ob. khim. 37 no. 12 2764-2765 D '67.
- Some physicochemical properties of vacuum-refined boron. F. S. Mason, M. S. Germalidze. Izv. AN SSSR. Neorg. mat. 3 no. 12 2144-2146 D '67.
- Study of radicals formed in chemisorption of electron-acceptor molecules on the surface of n -semiconductors. Part 1. Conditions of formation and electron paramagnetic resonance spectra of radical forms of oxygen adsorption on reduced titanium dioxide. A. I. Mashchenko and others. Kin. i kat. 8 no. 4 853-861 '67.
- System $CeO_2 - MeOH - MeCl - H_2O$, where $Me = K, Li, Na, NH_4$. G. A. Shadrinskaya, G. I. Kurnevich, G. V. Alekhina. Vest. AN BSSR, Ser. khim. nav. no. 3 82-88 '67.
- Temperature dependence of the carbon diffusion coefficient for nonstoichiometric zirconium, niobium, and tantalum carbides. IU. N. Vil'k, S. S. Nikol'skii, R. G. Avarebe. Teplofiz. vys. temp. 5 no. 4 607-611 JI-Ag '67.
- Twin-arc welding of aluminum with nonconsumable electrodes. U. I. Birman, G. P. Salamatov. Svar. prozv. no. 12 24-27 D '67.
- The UDG-301 and UDG-501 equipment for argon-arc welding of aluminum. A. S. Boiakovskii. Svar. prozv. no. 1 41 Ja '68.
- Welding vats of washing machines with a three-phase arc to argon. I. P. Nikonov and others. Svar. prozv. no. 1 31-32 Ja '68.

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- Features of the distribution of helium in underground waters of the Russian Platform. A. N. Voronov. Izv. AN SSSR, Ser. geol. no. 12 127-132 D '67.
- 546.3 METALS
- Behavior of sodium and calcium fluoride admixtures in the electrolytic production of sodium from fused electrolyte $NaCl-CaCl_2$. V. Z. Gusev, V. B. Busac-Machukha. Zhur. prikl. khim. 40 no. 9 1970-1975 S '67.
- Calculating the transfer coefficients for cesium vapor. E. K. Rodionova. Teplofiz. vys. temp. 5 no. 4 591-600 JI-Ag '67.
- Chemical shifts of $K_{\alpha 1}$ -lines and the valence structure of transition metals of the fifth and sixth periods. O. I. Sumbayev and others. Zhur. eksp. i teor. fiz. 53 no. 5 1545-1552 N '67.
- Crystallographic data of formates of yttrium and of elements in the holmium-lutetium series. V. E. Plushchey, L. P. Shklover, L. M. Shkol'nikova. Zhur. strukt. khim. 7 no. 5 738-741 S-O '66.
- Determination of lithium by photometry of its complexes with β -naphthol-2-azo-2-benzoyl acid and di-valine. S. A. Strel'tsova, A. L. Markman. Uzb. khim. zhur. 11 no. 1 13-16 '67.
- Determination of optimum temperature of reaction between solution and gas at elevated pressure in reduction of sodium chromate by hydrogen. A. N. Torokin, T. D. Averbukh. Zhur. prikl. khim. 40 no. 9 1909-1913 S '67.
- Determining the mean energy of ion formation in ethylene and acetylene for ^{137}Cs gamma radiation. IU. I. Bregadov and others. Izv. tekh. no. 8 68-70 Ag '67.
- Effect of phosphorus and boron on the intensity of the spectral lines of chromium, molybdenum, vanadium, and titanium. V. V. Vorob'eva, M. A. Zotin. Uch. zap. Peim. gos. un. no. 159 227-229 '66.
- Effect of the composition of binary alloys in the systems cadmium-tin and cadmium-lead on the intensity of the spectrum of some impurities in an activated alternating current arc. N. D. Usupov, A. M. Shavin. Uch. zap. Peim. gos. un. no. 159 216-221 '66.
- Electric conductivity of isotopically disordered metals. IU. Kagan, A. P. Zhernov. Zhur. eksp. i teor. fiz. 53 no. 5 1744-1750 N '67.
- Electron paramagnetic resonance in $V_2O_5 \cdot Mn$. F. M. Zoon Khan, L. P. Strakhov. Vest. LGU 22 no. 16 50-53 Ag '67.
- Gamma luminescence and photoluminescence of alkali iodides. N. N. Vasil'eva. Tindy. Fiz. inst. 39 219-268 '67.
- Increasing the locality and sensitivity of microspectral analysis of metal alloys. B. C. Voronov, A. A. Samoilova. Zhur. prikl. spekt. 6 no. 1 3-9 Ja '67.
- Interaction of cobalt ferrite with melts of the system bismuth trioxide - lead oxide. I. M. Vitting, G. P. Gorbovskaya. Vest. Mosk. un. Ser. 2 Khim. 22 no. 6 92-94 N-D '67.
- Interaction of some transition metal ions with 4-methylphenylamino-3-methyl-3-hydroxy-2-butanone. O. R. Skorokhod, R. G. Gruchanov, I. G. Tishchenko. Vest. AN BSSR, Ser. khim. nav. no. 1 99-101 '67.
- Magnitude of phonon conductivity in metals and alloys. N. E. Kravtchenko. Teplofiz. vys. temp. 5 no. 4 601-606 JI-Ag '67.
- Mass spectrometric study of vaporization products of a cesium-oxygen system. A. V. Guseinov, L. N. Gorkov, A. G. Chifonova. Teplofiz. vys. temp. 5 no. 4 584-590 JI-Ag '67.
- Methodology of the simultaneous quantity spectrochemical determination of heavy metals in natural waters. M. A. Sadikov, A. F. Khakhalina. Uch. zap. NIIGA. Reg. geol. no. 8 123-127 '66.
- Nature of the origin of some semiconductor properties in alloyed barium titanate. B. A. Rotenberg, IU. L. Danilukh. Izv. AN SSSR, Ser. fiz. 31 no. 11 1824-1827 N '67.
- Optical properties of lead in the visible and infrared regions of spectrum in the room temperature to helium temperature range. A. I. Golovashkin, G. P. Motulevich. Zhur. eksp. i teor. fiz. 53 no. 5 1526-1538 N '67.
- Phase diagram of the system $Mn - Bi$. L. I. A. Markovskii, E. T. Bozruk. Izv. AN SSSR, Neorg. mat. 3 no. 12 2165-2169 D '67.
- Phase diagrams for plutonium with metals of groups IIIA, IVA, VIII, and IB. V. I. Kutaltsev and others. Atom. energ. 23 no. 6 511-519 D '67.
- Reaction of glucose with sodium hypochlorite in aqueous solution. T. T. Grigor and others. Zhur. prikl. khim. 40 no. 9 2030-2044 S '67.
- Sealed in metal. N. Burakov, M. Sauke. Grazhd. sv. 24 no. 8 20-21 Ag '67.
- Sodium polysulfides. I. G. Zaitseva, T. N. Greiver. Zhur. prikl. khim. 40 no. 9 1923-1927 S '67.
- Some physical properties of chromium borocarbide. V. S. Noshkov. Izv. AN SSSR, Neorg. mat. 3 no. 12 2170-2173 D '67.
- Structure of the Al-Cu-Mg alloy in the initial stages of aging. T. V. Shegoleva, N. N. Butnov. Kristallografia 12 no. 4 635-638 JI-Ag '67.
- Studying the structural state at phase transitions in alloys. M. I. Zakharova. Vest. Mosk. un. Ser. 3 Fiz., astron. no. 5 32-40 S-O '67.
- Synthesis of tantalum nitride monobromide. M. A. Glushkova, M. M. Ershova, IU. A. Buslaev. Izv. AN SSSR. Neorg. mat. 3 no. 12 2258-2260 D '67.

- Thermodynamic properties of the bismuth - mercury system. L. F. Kozin, R. Sh. Nigmatova. Zhur. prikl. khim. 40 no. 9 1911-1920 S '67.
- Thermographic study of critical temperature range in the vitreous system arsenic - germanium - tellurium. V. R. Patus, Z. U. Borisova. Izv. AN SSSR, Neorg. mat. 3 no. 12 2190-2193 D '67.
- Unit for absolute measurements of specific electric conductivity of metals and alloys at temperatures above 1000°C. V. I. Voskresenskiy, V. E. Polutskii, D. L. Tuntov. Teplofiz. vys. temp. 5 no. 4 598-703 JI-Ag '67.

546.4 METALS OF THE SECOND GROUP, ALKALINE EARTHS

- Coloring and breakdown of barium titanate. N. I. Shefer, E. V. Butsian. Izv. vyz. ucheb. zav. fiz. 10 no. 8 60-64 '67.
- Conditions and mechanism of separation of calcium carbonate solid phase from aqueous solutions under the effect of magnetic field. O. I. Martynova, E. I. Tebenikhin, B. T. Gusev. Koll. zhur. 29 no. 5 692-695 S-O '67.
- Copper and zinc balance in the organism of healthy children of the ages of 2 and 6, and from 8 to 10 years old. A. I. Vorob'eva. Vop. pit. 26 no. 4 28-30 JI-Ag '67.
- Determination of diffusion coefficient of electrolytic hydrogen based on the rate of hydrogen penetration through membranes and on retardation time. V. P. Altkin. Uch. zap. Peim. gos. un. no. 159 129-134 '66.
- Effect of arsenic on hydrogen-treated steel during electrodeposition of cadmium. I. A. Prager, M. N. Polukarov. Uch. zap. Peim. gos. un. no. 159 124-128 '66.
- Extractive-complexometric determination of calcium in milk with the help of α -oxo- α -oxy BN reagent. F. P. Gorbunov, Z. M. Vashun'. Vop. pit. 26 no. 4 73-77 JI-Ag '67.
- Extraction separation of thorium and other elements as a thioacrylate complex with diethylglycine. V. P. Zhirovitskiy, L. P. Platonin. Uch. zap. Peim. gos. un. no. 159 234-238 '66.
- Heat of formation of magnesium tellurides. M. Kh. Karapet'ants and others. Izv. AN SSSR, Neorg. mat. 3 no. 12 2217-2220 D '67.
- Kinetics of magnesium corrosion beneath polymer coatings in electrolytic media. E. M. Sokolova, IU. N. Mikhailovskii, P. L. Zubov. Lakokh. mat. i kh. prim. no. 5 61-61 '67.
- On the 100th anniversary of Marie Curie-Skladowska's birth. A. I. Serebrov. Vop. onk. 13 no. 12 94-95 '67.
- Potentiometric study of heterogeneous reaction of zinc with alkaline solution. I. A. V. Mikhlin, N. A. Parplev. Uzb. khim. zhur. 11 no. 6 58-60 '67.

546.4(262.5)—Black Sea

- Manganese, copper, and zinc in the plankton, benthos, and fishes of the Sea of Azov. L. I. Rozhanskaya. Okeanologiya 7 no. 6 1032-1036 N-D '67.

546.5 COPPER, SILVER AND GOLD GROUP

- Complexes of Cu (II) with amino alcohols. Part 1. Spectrophotometric study of Cu (II) complexes with mono-, di-, and triethanolamines in aqueous solutions. O. A. Chatyuk, O. A. Vaitapetian, A. K. Arakelian. Arm. khim. zhur. 20 no. 2 89-93 '67.
- Copper and zinc balance in the organism of healthy children of the ages of 2 and 6, and from 8 to 10 years old. A. I. Vorob'eva. Vop. pit. 26 no. 4 28-30 JI-Ag '67.
- Effect of the additions of organic compounds with conjugated bonds on the thermal decomposition of silver oxalate. V. V. Boldyrev and others. Kin. i kat. 8 no. 4 779-785 '67.
- Luminescent and photoelectric properties of silver chlorides. V. M. Belous, V. I. Bugrienko. Izv. AN SSSR, Ser. fiz. 31 no. 12 1052-1054 D '67.
- Mechanism of formation of CuS from sulfides of monovalent copper (Cu_2^{+} - xS) and sulfur. M. M. Pavluchenko, I. I. Pokrovskii. Vest. AN BSSR, Ser. khim. nav. no. 3 35-41 '67.
- Regularities in semiconductor systems of the type $Ag_2CVI - B_2III C_3VI$. L. S. Palatnik, E. K. Belova. Izv. AN SSSR, Neorg. mat. 3 no. 12 2104-2107 D '67.
- Stability of copper complexes of dipeptides studied by the Box-Wilson method. U. I. Salakhutdinov and others. Dokl. AN SSSR 177 no. 2 366-368 N '67.
- X-ray diffraction study of diethylenetriamminecopper (II) crystals. I. A. Garai. Zhur. strukt. khim. 7 no. 6 727-732 S-O '66.

546.5(262.5)—Black Sea

- Manganese, copper, and zinc in the plankton, benthos, and fishes of the Sea of Azov. L. I. Rozhanskaya. Okeanologiya 7 no. 6 1032-1036 N-D '67.

546.6 METALS OF THE THIRD GROUP

- Alkyl derivatives of cyclopentadienylthallium. A. N. Nesmelanov and others. Dokl. AN SSSR 177 no. 3 586-588 N '67.
- Calculating the molecular vibrational frequencies of halides of the scandium subgroup. K. S. Krasnov. Teplofiz. vys. temp. 5 no. 4 715-716 JI-Ag '67.
- [Chemistry and technology of rare and trace elements in two volumes.] Khimika i tekhnologiya redkikh i rasselnykh elementov v dyukh tomakh. Pod red. K. A. Bol'shakova. [Moskv., "Vyssh. shkola"]
- T. I. [Chemistry of rare and trace elements.] Khimika redkikh i rasselnykh elementov. 1967. 348 p.

- Chlorination of antimony oxide by various reagents. I.A. I. Iash-nits, M.I. Stetsanova. *Zhur. VkhO* 12 no. 6 706-707 '67.
- Crystallochemical characteristics of the distribution of rare earths in variously sphinct. M.N. Uskov. *Kon. s. v. o. i. n. u. m.* no. 2 91-103 '67.
- Determination of cerium and tellurium in mineral ore concentrates and vitreous oxide with the aid of luminescence spectra. V.S. Khomenko, V.V. Kuznetsova, L.A. Pchinskaya. *Zhur. prikl. spekt.* 6 no. 11-17-118 Ja '67.
- Effect of aluminum and some aluminum alloys on arsenic acid oxidation. M. F. Vashstein. *Vop. pit.* 26 no. 4-12-15 Ji-Ag '67.
- Electrical properties of bismuth titanate polycrystals modified by lanthanides. I.U. Gol'tsov, A.S. Bogatin, O.I. Prokopenko. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1821-1823 N '67.
- Electrical properties of bismuth arsenide films depending on their thickness. V.A. Vlasov, S.V. Semiletov. *Izv. AN SSSR, Neorg. mat.* 3 no. 12 2261-2262 D '67.
- Energy transfer from neodymium to ytterbium in bases with nonuniformly reduced spectral lines of activators. N.N. Tolstov, P.P. Trofimenko, V.N. Shupovalov. *Izv. AN SSSR, Ser. fiz.* 31 no. 12 2064-2066 D '67.
- Extraction of scandium by acetylacetone. V.I. Padoeva, A.D. Rukhmanov. *Vest. Mosk. un. Ser. 2 Khim.* 22 no. 6 32-35 N '67.
- Parasol effect in the $\text{V}_2\text{O}_5/\text{FeO}^{3+}$ ferrite-garnet. N.P. Kharchenko, V.V. Pimenko, I.I. Belyi. *Zhur. eksp. i teor. fiz.* 53 no. 5 1505-1509 N '67.
- Gushkova, V.B. [Polymorphism of rare earth oxides] Polimorfizm oksidov redkozemel'nykh elementov. Leningrad, "Nauka," 1967 133 p.
- Incorporation of sulfamate ions into anodic film on aluminum in the process of its formation according to the tracer technique. A.G. Bogoyavlenskii, N.M. Volodina. *Zhur. prikl. khim.* 40 no. 5 2068-2070 S '67.
- Kinetics of interaction of aluminum ions with xylenol orange and aluminum ion. A.I. Kolesov, B.I. Kazakov. *V.S. Tonkoshukov. Zhur. anal. khim.* 22 no. 10 1464-1468 O '67.
- Luminescence of rare earth ions in alkali halide crystals. V.V. Dolgoplov, S.A. Sazonov, B.S. Skorobogatov. *Izv. AN SSSR, Ser. fiz.* 31 no. 12 2061-2063 D '67.
- Luminescence study of various structural forms of certain four-ligand rare earth complexes in the crystal-lattice state. V.S. Khomenko, V.V. Kuznetsova. *Zhur. prikl. spekt.* 7 no. 6 850-853 D '67.
- Method for determination of gallium. V.S. Podgornova, Kh.S. Abdullaeva, Sh.T. Talipov. *Uzb. khim. zhur.* 11 no. 6 9-11 '67.
- New MgZn_2 -type compounds in systems of rare earth metals with rhodium. I.G. Cherkashin, M.IU. Tesluk, D.P. Frankovich. *Kristallografiya* 12 no. 4 712-713 Ji-Ag '67.
- Phase diagram of the system $\text{Eu}_2\text{O}_3 - \text{Cr}_2\text{O}_3$. O.V. Shevchenko, L.M. Lopato, Z.O. Lashchenko. *Dop. AN URSR, Ser. B* 29 no. 10 925-928 O '67.
- Photometric determination of indium with 1,2-N-methylaniline-4-sulfonate. Sh.T. Talipov, Kh.S. Abdullaeva, G.S. Andrusheko. *Uzb. khim. zhur.* 11 no. 11-20 '67.
- Polarographic properties of lanthanides. N.N. Seviukov, M.Z. Khasan. *Zhur. anal. khim.* 22 no. 10 1487-1495 O '67.
- Relation between long-wave band shift of the complex compounds of rare earths and their structure. N.K. Davidenko, K.B. Iatimirovskii. *Zhur. strukt. khim.* 7 no. 5 700-707 S-O '66.
- Scandium tungstate precipitate. A.S. Vlasov, V.A. Balashov. *Izv. AN SSSR, Neorg. mat.* 3 no. 12 2274-2275 D '67.
- Spectrophotometric study of the interaction of scandium ions with N,N'-di-(2-hydroxy-5-sulfonyl) C-cyanoguanazine. S.P. Onogova, G.K. Kuntsevich, D.G. Listenko. *Zhur. anal. khim.* 22 no. 10 1489-1474 O '67.
- Spectrum analysis of impurities in scandium and its compounds. O.F. Degtiarev, T.A. Permiakova. *Zhur. prikl. spekt.* 7 no. 4 591-598 O '67.
- Study of the system yttrium tungstate - thorium tungstate. N.S. Afonaki, A.N. Pokrovskii, V.K. Trunov. *Vest. Mosk. un. Ser. 2 Khim.* 22 no. 6 80-87 N-D '67.
- Studying the nature of luminescence centers in $\text{PbSO}_4\text{-Cu}$, Sm crystal phosphors. O.A. Fokeeva and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 12 2080-2082 D '67.
- Synthesis of organogallium compounds of the R_3Ga type. L.M. Viktorova, N.I. Shevchenko, K.A. Kocheshkov. *Zhur. ob. khim.* 37 no. 12 2678-2678 D '67.
- Thermodynamic properties of gallium phosphide. A.S. Abbasov, K.M. Mamedov, D.M. Suleimanov. *Izv. AN Azerb. SSR, Ser. fiz.-tekh. i nat. nauk* no. 3/4 48-50 '67.
- Thermodynamic properties of thallium monoselenide. V.P. Vasil'ev and others. *Dokl. AN SSSR* 176 no. 6 1335-1338 O '67.
- Use of alkylphosphoric acids in analytical chemistry. Report 6. Extraction of gallium and determination of its small amounts in industrial products. I.S. Levin, *Khim. anal. khim.* 22 no. 10 1475-1476 '67.

546 7 METALS OF THE SIXTH, SEVENTH, EIGHTH GROUPS

- Amperometric titration of rhodium. Report 4. Titration of rhodium (VII) with solutions of vanadium (III) salts. T.I. Rubinskaya, L.B. Khudov, Z.A. Gallai. *Zhur. anal. khim.* 22 no. 10 1510-1522 O '67.
- Concentration of selenium by metallic iron. I.A. Kurin, V.K. Garkun. *Zhur. prikl. khim.* 40 no. 9 1902-1909 S '67.
- Coprecipitation of radioactive isotopes with isomorphous and nonisomorphous crystals crystallizing from melt. V.R. Kletman. *Radiokhimika* 9 no. 5 546-568 '67.
- Dehydrogenation of n-butylbenzene to divinyl on a chromium-calcium-nickel-phosphate catalyst in the presence of oxygen. R.A. Butanov and others. *Neftekhimika* 7 no. 4 530-536 Ji-Ag '67.
- Determination of rhodium in molybdenites and copper ores by the neutron-activation method. J. Minczewski, A. Faldzinska. *Zhur. anal. khim.* 22 no. 10 1514-1518 O '67.
- Determining the concentration and spatial distribution of uranium in minerals and rocks. I.G. Berezina and others. *Atom. energ.* 21 no. 5 520-527 D '67.
- Effect of selenium acid on the electrodeposition of manganese. N.P. Shul'gina, M.N. Potukarov. *Uch. zap. Perm. gos. un.* no. 159 95-103 '66.
- Effect of tellurium and selenium on hydrogen-treated steel in the process of electrodeposition of manganese. N.P. Shul'gina, M.N. Potukarov. *Uch. zap. Perm. gos. un.* no. 159 104-111 '66.
- Electrochemical dissolution of molybdenum in nitric acid solutions. V.M. Blavatnik, M.M. Dolganova, V.N. Begushev. *Uzb. khim. zhur.* 11 no. 134-37 '67.
- Electrodeposition of chromium from electrolytes containing chromic and telluric acids. L.M. Skriuchenkov, M.N. Potukarov. *Uch. zap. Perm. gos. un.* no. 159 118-123 '66.
- Electron paramagnetic resonance of Mn^{2+} in SrMoO_4 . M.I. Samoilovich, L.I. Potkin. *Zhur. strukt. khim.* 7 no. 5 804-805 S-O '66.
- Exchange interactions of aquo complexes of ions of iron group with paramagnetic particles in solutions. G.I. Shubnevskaya, I.U.N. Molin. *Kin. i kat.* 8 no. 5 1192-1197 S-O '67.
- Hydroformylation and hydrocarboxylation of cyclohexene in the presence of cobalt, rhodium, iridium, iron, and nickel carbonyls. N.S. Imianinov, D.M. Rudkovskii. *Zhur. prikl. khim.* 40 no. 9 2020-2024 S '67.
- Kinetics of nickel carbonyl synthesis at high pressures. A.I. Kipnis, N.F. Mikhailova, A.A. Ravdel', *Kin. i kat.* 8 no. 4 803-807 '67.
- Method of the simultaneous determination of ^{90}Sr , ^{137}Cs , and ^{144}Ce in seawater. L.M. Ivanova. *Radiokhimika* 9 no. 5 622-633 '67.
- Multiplet structure of $\text{K}\alpha_1$ and $\text{K}\alpha_2$ -lines of X-ray spectra of iron compounds. V.I. Nefedov. *Zhur. strukt. khim.* 7 no. 5 719-726 S-O '66.
- Perhenate ion as a ligand in complex compounds. K.A. Bol'shakov and others. *Dokl. AN SSSR* 177 no. 2 344-346 N '67.
- Phase diagram of the system $\text{Eu}_2\text{O}_3 - \text{Cr}_2\text{O}_3$. O.V. Shevchenko, L.M. Lopato, Z.O. Lashchenko. *Dop. AN URSR, Ser. B* 29 no. 10 925-928 O '67.
- Photometric determination of molybdenum with 4-dimethylaminophenyl-4-methylphenylantipyril-carbinol. V.P. Zhivopistsev, E.A. Selezneva, Z.I. Bragina. *Uch. zap. Perm. gos. un.* no. 159 243-247 '66.
- Quadrupole relaxation in complex compounds of antimony tribromide at low temperatures. A.D. Gordeev, V.S. Grechishkin. *Zhur. strukt. khim.* 7 no. 5 806-807 S-O '66.
- Reaction of tellurium with sulfide solutions and of sulfur with telluride solutions. T.N. Grover, I.G. Zaitseva. *Zhur. prikl. khim.* 40 no. 9 1920-1923 S '67.
- Some problems involved in the electrodeposition of manganese. N.P. Shul'gina, M.N. Potukarov. *Uch. zap. Perm. gos. un.* no. 159 112-117 '66.
- Sorption of radioactive isotopes by ion exchangers from diluted solutions. F.V. Raucen, T.S. Vedashcheva. *Radiokhimika* 9 no. 5 612-621 '67.
- Specificity of the action of a chromium catalyst in the dehydrogenation of 2-pentanol. L.Kh. Freidlin, V.Z. Sharf, V.Sh. Abdumavlanova. *Neftekhimika* 7 no. 4 603-608 Ji-Ag '67.
- Spectrographic analysis of radiogenic osmium. K.E. Lgizhneva, S.K. Kalinin, E.E. Fain. *Zhur. prikl. spekt.* 7 no. 6 924-927 D '67.
- Study of binary oxides UVO and UVO_2 . O.A. Efremova, L.M. Kovba. *Vest. Mosk. un. Ser. 2 Khim.* 22 no. 6 85-86 N-D '67.
- Synthesis and some properties of coordination polymers based on diphenylarsenic acid. V.V. Koshak and others. *Dokl. AN SSSR* 177 no. 6 1348-1351 D '67.
- Thermodynamic characteristics of medium tungstates of the titanium subgroup elements. V.M. Amosov, V.E. Plushchev. *Izv. vys. ucheb. zav. i. svet. met.* 10 no. 5 97-104 '67.

546, 7(262, 5)—Black Sea

Manganese, copper, and zinc in the plankton, benthos, and fishes of the Sea of Azov. L.I. Rozhanskaya. *Okeanologia* 7 no. 6 1032-1036 N-D '67.

546, 8 METALS OF THE FOURTH GROUP, ETC.

- Amperometric determination of thorium in the presence of various metal ions forming strong complex. V.A. Khadeev, S.A. Kochegina. *Uzb. khim. zhur.* 11 no. 6 15-18 '67.
- Catalytic characteristics of the system of $\text{SnO}_2 - \text{Sn}_2\text{O}_3$ in the reaction of oxidizing dehydrogenation of n-butene into divinyl. I.U. M. Bikshi and others. *Neftekhimika* 7 no. 4 537-543 Ji-Ag '67.
- Crystal structure of ammonium bis-(p-tartrate) borate (III). G.A. Kloss and others. *Dokl. AN SSSR* 176 no. 2 329-332 N '67.
- Differential photometric method of determining tantalum by methyl violet. B.M. Dobkina and others. *Zhur. anal. khim.* 22 no. 10 1510-1513 O '67.
- Distribution of the stimulants of electrolytic hydrogen treatment between solution, gaseous products of electrolysis, and cathode surface. Hydrogen permeability of steel membranes. Part 1. Antimony. V.R. Kletman, G.V. Khadeev, V.N. Lomako. *Uch. zap. Perm. gos. un.* no. 159 146-156 '66.
- Electroconductivity of ultrafine tantalum films deposited by methyl violet. B.M. Dobkina and others. *Zhur. anal. khim.* 22 no. 10 1510-1513 O '67.
- Initiated decarboxylation of some lead tartrates. I. Maier, L.I. Guseva, I.U. A. Oidekop. *Zhur. ob. khim.* 37 no. 12 2656-2661 D '67.
- Ion exchange study of fluoride complexes of titanium, zirconium, and hafnium. N.A. Papiyev, I.A. Maslennikov, I.U. A. Buslaev. *Uzb. khim. zhur.* 11 no. 6 21-23 '67.
- Mixed complex compounds of niobium (VI). I.M. Gubal', I.P. Alimain, G.V. Chernov. *Dokl. AN SSSR* 176 no. 1300-1301 O '67.
- New method of separation and quantitative determination of zirconium. V.P. Zhivopistsev, B.I. Priyov. *Uch. zap. Perm. gos. un.* no. 159 248-253 '66.
- Process of hydride formation on the QT-4 titanium alloy by the method of elastic sheet deformation. V.V. Lashchenko. *Uch. zap. Perm. gos. un.* no. 159 211-215 '66.
- Separation and determination of tin with isobutylaldehyde-pyrimethane. V.P. Zhivopistsev, V.S. Mishina. *Uch. zap. Perm. gos. un.* no. 159 259-263 '66.
- Spatial and energy distribution of neutrons in thorium. G.A. Baitbekov, M.N. Nikolaev, O.F. Zaidov. *Tr. Inst. rad. fiz. AN Kazakh. SSR* 7 17-25 '68.
- Studying the optical and electrical properties of some metals of the fourth group. A.I. Golovashkin. *Tr. Fiz. inst.* 39 91-150 '67.
- Synthesis of nuclear gamma resonance spectra of Sr^{90} in adducts of the tetrafluoride with halogen fluorides. V.F. Sukhovikhov, B.Z. Dzavitskii. *Dokl. AN SSSR* 177 no. 3 611-614 N '67.
- Thermodynamic properties of oxide systems containing germanium dioxide. B.F. Baryshev. *Izv. AN SSSR, Neorg. mat.* 3 no. 12 2271-2273 D '67.
- 3,4-Dinitropropylacetal as a reagent for vanadium. A.I. Busev, Z.P. Kariakina. *Zhur. anal. khim.* 22 no. 10 1508-1509 O '67.
- X-ray diffraction study of triphenylchlorosilane crystals. T.N. Polygova, M.A. Porai-Koshits. *Zhur. strukt. khim.* 7 no. 5 742-751 S-O '66.

546, 9 ELEMENTS OF THE EIGHTH GROUP

Conversions of methylcyclohexane in the presence of platinum charcoal. E.S. Balenkova and others. *Neftekhimika* 7 no. 4 554-560 Ji-Ag '67.

Effect of solvent and radiation on the kinetics of exchange in complexes of bivalent platinum. A.A. Grigorovich, I.I. Nikol'skaya, N.M. Saprikova. *Radiokhimika* 9 no. 5 613-601 '67.

Extraction of complex ruthenium nitrosopentahalides by salts of quaternary ammonium bases. N.M. Smirnov, F.I.A. Rovinskii, V.V. Ispravnikova. *Dokl. AN SSSR* 176 no. 6 1320-1322 O '67.

Hydroformylation and hydrocarboxylation of cyclohexene in the presence of cobalt, rhodium, iridium, iron, and nickel carbonyls. N.S. Imianinov, D.M. Rudkovskii. *Zhur. prikl. khim.* 40 no. 9 2020-2024 S '67.

New method of production of potassium hexacyanoplatinate and potassium iodopentacyanoplatinate. A.V. Bal'kev. *Dokl. AN SSSR* 177 no. 2 337-339 N '67.

Photometric determination of nickel and cobalt using bis-(4-sodiumtetrazolyl-5-azo)-ethyl acetate. N.S. Frumina, N.N. Gorinova, I.S. Musafin. *Zhur. anal. khim.* 22 no. 10 1523-1526 O '67.

Reaction of cobalt with the compound Co_2Si . L.A. Panteleimonov, A.A. Babitskaya, L.A. Roiter. *Vest. Mosk. un. Ser. 2 Khim.* 22 no. 6 87-89 N-D '67.

547 ORGANIC CHEMISTRY

Electron paramagnetic resonance spectra and electronic structure of nitroxide radicals. A.M. Vasserman, A.L. Buchachenko. *Zhur. strukt. khim.* 7 no. 5 673-679 S-O '66.

Electron quasi-line spectra of organic compounds and their application for analyzing the traces of matter. E.V. Shpil'skii. *Zhur. prikl. spekt.* 7 no. 1 482-497 O '67.

Formation of stable paramagnetic compounds in the oxidation of motor oils. G.S. Shmonaev, G.V. Zakharov. *Neftekhimika* 7 no. 4 623-626 Ji-Ag '67.

Isomerization of 3,4-epoxyoxanes under the effect of zinc bromide. Z.G. Isaeva, G.A. Bakalovskii. *Dokl. AN SSSR* 176 no. 6 1310-1313 O '67.

Mutual influence of components of the initiating system cumene hydroperoxide - cobalt naphthenic - dimethylamine in the process of polymerization. M. Z. Chirashvili. Zhur. prikl. khim. 40 no. 9 2025-2029 S '67

Spin-lattice relaxation in radicals of succinic acid, L-cysteine and L-cysteine at low temperatures. T. S. Zhuravskaya. Zhur. strukt. khim. 7 no. 5 800-801 S-O '66

Thermodynamic properties of the acetone - water system. E. P. Sokolova, A. G. Morachevskii. Vest. LGU 22 no. 16 110-115 Ag '67

547 1 GENERALITIES

Alkyl derivatives of cyclopentadienylthallium. A. N. Averbach and others. Dokl. AN SSSR 177 no. 3 586-588 N '67

Derivates of diphenyltin. O. P. Slutskina and others. Dokl. AN SSSR 177 no. 3 615-616 N '67

Dissociation of methylsiloxanes under electronic impact. V. I. Orlov. Zhur. ob. khim. 37 no. 10 2300-2307 O '67

Heterolytic rearrangement of some organolead peroxide compounds. V. A. Shushunov, I. G. Briukina, M. K. Safonova. Dokl. AN SSSR 177 no. 3 621-624 N '67

O- and C-organometallic isomers. Part 6: O-organometallic (Si, Ge, Sn, Bi) derivatives of 1-cyclohexenol. S. V. Ponomarev and others. Zhur. ob. khim. 37 no. 10 2264-2267 O '67

Nature of active centers in the polymerization of α -methylstyrene and dienes with organolithium and organopotassium compounds in tetrahydrofuran and mixed solvents. D. K. Polakov and others. Dokl. AN SSSR 177 no. 4 596-599 N '67

Some reactions of tetramethyltin. G. A. Razuvaev, V. N. Latiyeva, A. V. Malysheva. Zhur. ob. khim. 37 no. 10 2139-2145 O '67

547 2 ACYCLIC, ALIPHATIC COMPOUNDS, SATURATED ALKYL COMPOUNDS

Addition of nucleophilic reagents to phosphorus-containing esters and amides of methacrylic acid. A. N. Pudovik, E. I. Savolova, L. M. Lazareva. Zhur. ob. khim. 37 no. 10 2262-2266 O '67

Absorption of acetone and ethyl alcohol on magnesium oxide studied by means of infrared spectroscopy. V. A. Sokolov, A. A. Kadishin, O. V. Kiylov. Khim. i kat. 8 no. 4 818-822 '67

Amino esters of thiophosphoric acids. Part 2: Alkylation of thiophosphoric acid potassium salts by mono- and dialkyls. A. P. Gupalo, N. I. Zemlianskii. Zhur. ob. khim. 37 no. 12 2727-2730 O '67

Application of oxidative chlorophosphination reaction for synthesis of organophosphorus germanium compounds. N. G. Dzhuizinskaya, S. A. Mikhailants, V. P. Evdokimov. Zhur. ob. khim. 37 no. 10 2278-2280 O '67

Bis-di-(β -chloroethylamino)phenyl acetate esters. L. S. Zolotarev, A. M. Kharlitskii. Zhur. ob. khim. 37 no. 12 2647-2649 D '67

Calculation of some aliphatic complexes in a two-configuration approximation. A. F. Tsipugova, L. V. Orlovskaya. Izv. vuz. ucheb. zav. i fiz. 10 no. 8 112-117 '67

Catalytic dehydrogenation of formaldehyde on copper. G. L. Rozovskii, V. I. Yashinskii, A. I. Prokopenchik. Khim. i kat. 8 no. 4 925-927 '67

Composition and thickness of the surface layer of lower alcohol solutions in hexane. A. I. Rusanov, S. A. Levichev. Vest. LGU 22 no. 16 124-130 Ag '67

Complex compounds of titanium and tin tetrahalides with β -phosphonoalkyl compounds. A. A. Shvets, O. A. Orlov. A. M. Slukhtova. Zhur. ob. khim. 37 no. 12 2717-2724 D '67

Derivatives of N,S-di-(N-alkylcarbamoylmethyl) tri- and tetraphosphates. I. A. Mandelbaum and others. Zhur. ob. khim. 37 no. 10 2287-2291 O '67

Determination of methachlorophenylisocyanate in the air analysis of printing chambers. V. A. Tret'yakova. Lab. delo no. 8 173-176 '67

Effect of reduction on the properties of aluminum-chromium-potassium catalyst in the process of dehydrogenation of isopentane to isobutylene. O. D. Steil'gor, N. A. Filisev. Khim. i kat. 8 no. 1 829-833 '67

Effect of water on the speed and direction of the liquid-phase oxidation of n-butane. M. G. Bulgyn and others. Neftekhimika 7 no. 4:586-590 Ji-Ag '67

Gas chromatographic analysis of complex mixtures of monocarbonyl compounds. Part 1: Alkanals, 2-alkanals, and 3-alkanones. R. V. Golovina, V. P. Ulalets. Dokl. AN SSSR 177 no. 2 350-353 N '67

Heterolytic rearrangement of some organolead peroxide compounds. V. A. Shushunov, T. G. Briukina, M. K. Safonova. Dokl. AN SSSR 177 no. 3:621-624 N '67

Infrared spectra of alkyl ammonium sulfates. V. V. Seleznevskii, I. U. G. Frolov. Zhur. strukt. khim. 7 no. 5 807-808 S-O '66

Initiated cracking of n-pentane. R. V. Kosyryeva, V. N. Stuchanov, A. D. Stepukhovich. Neftekhimika 7 no. 4: 569-574 Ji-Ag '67

Initiated decarboxylation of some lead tetraacrylates. N. A. Miler, L. I. Guseva, I. U. A. O'ldokop. Zhur. ob. khim. 37 no. 12:2656-2661 D '67

Initiating activity of cobalt (III) and manganese (III) acetylacetonates in autooxidation reactions. K. A. Pinchurskaya, N. T. Faldzina. Vestsi AN BSSR. Ser. khim. nav. no. 1 94-98 '67

Interaction of some transition metal ions with 4-methylphenylamino-3-methyl-3-hydroxy-2-butanone. O. R. Skokhod, R. G. Gruchnikov, I. G. Tishchenko. Vestsi AN BSSR. Ser. khim. nav. no. 1 99-101 '67

Investigation in the field of unsaturated organogermanium compounds. Part 5: Course of radical addition of ethylmagnesium to 1,3-cyano germainumethyldiacarbonyls. I. G. Sullmor, M. D. Stadnichuk. Zhur. ob. khim. 37 no. 10 2329-2334 O '67

Kinetics and mechanism of hydrosilymerization of 2-methyl-5-vinylpyridine in methanol. A. P. Kreshkov, L. N. Balatinskaya. Zhur. ob. khim. 37 no. 10 2211-2215 O '67

Kinetics of hydrolysis of 2-buten-2, 3-diol-alkylethylphosphates. V. E. Bel'skii, I. P. Gozman. Zhur. ob. khim. 37 no. 12 2730-2732 D '67

Kinetics of methane reaction with water vapor catalyzed by nickel on a porous support. I. M. Budov, I. O. Aprelbaum, M. I. Timkin. Khim. i kat. 8 no. 4 821-826 '67

Liquid-gas phase equilibrium in the acetone - acetylone system. V. M. Shchukov, M. V. Nikitin. Neftepr. i neftekhim. no. 9 47-42 '67

Mechanism of Cannizzaro reaction. I. V. Andreeva, A. I. Tishina, M. M. Koten. Dokl. AN SSSR 177 no. 6 1363-1366 D '67

Mechanism of hydroperoxide formation in the radiation-initiated oxidation of n-heptane and n-nonane, effect of temperature and dose rate. V. V. Sarava, V. E. Pospelov, N. A. Bakh. Neftekhimika 7 no. 4:596-602 Ji-Ag '67

Mechanism of rearrangement of perfluoroalkyl esters. B. L. Diatkin, L. T. Lantseva, L. L. Krumlan. Dokl. AN SSSR 176 no. 6 1306-1309 O '67

New method for obtaining formaldehyde. A. B. Dolevichev. Plast. massy no. 12-73 '67

Nucleophilic substitution in the series of phosphorus acid derivatives. Part 2: Relation between structure of phosphorus-containing compounds and reactivity. Application of correlative equations. A. A. Nemysheva and others. Zhur. ob. khim. 37 no. 10 2255-2262 O '67

Obtaining methylthionephosphonic acid dihydride. V. N. Aleksandrov, V. I. Emel'yanov. Zhur. ob. khim. 37 no. 12 2714-2715 D '67

Organomercury albitates and resins. Do Lin' Kyong, I. U. A. O'ldokop, N. A. Mair. Vestsi AN BSSR. Ser. khim. nav. no. 3 99-101 '67

Organomercury derivatives of butenes. Reactions with nucleophilic reagents. V. I. Bragadze, O. I. Okhlobystin. Dokl. AN SSSR 177 no. 2 347-349 N '67

Organophosphorus compounds containing heterocycles. Part 1: Reaction of some heterocyclic aldehydes with dialkyl phosphites. I. U. T. Utkin and others. Zhur. ob. khim. 37 no. 12 2710-2711 D '67

Organosilver and organobismuth compounds of chloroform. A. N. Nemeslani and others. Dokl. AN SSSR 177 no. 6 1352-1351 D '67

Oxidation of methyl esters of monocarboxylic acids by atmospheric oxygen. A. N. Bashkirev, A. S. Nekrasov, A. I. Kuznetsov. Dokl. AN SSSR. 176 no. 6 1293-1296 O '67

Oxidation of organometallic compounds. Part 6: Mechanism of photoinitiated oxidation of triethylsilylpyllyl. I. U. A. Aleksandrov, B. A. Radbil'. Zhur. ob. khim. 37 no. 10 2345-2350 O '67

Polarographic studies of unsaturated ketones. Part 4: Structure and reactivity of heterocyclic derivatives of propenone. Application of correlative equations. G. G. Belous, V. T. Lavruskin, V. D. Bezuglyi. Zhur. ob. khim. 37 no. 10 2169-2176 O '67

Polarographic study of the kinetics of nitric acid ester hydrolysis. Part 2. M. S. Rusakova and others. Khim. i kat. 8 no. 1 901-906 '67

Preparation of esters over neodymium and erbium oxides. M. B. Turova-Poljak, Kheang Chong Iem, I. T. Sosnina. Vest. Mosk. un. Ser. 2 Khim. 22 no. 6 64-68 N-D '67

Prevention of acetone losses. G. A. Mamedov, N. N. Nadzhafov, A. A. Mirzoev. Izv. vuz. ucheb. zav. i neftepr. i gaz. 10 no. 9:6, 34 '67

Pyrolysis of hydrocarbon stock in the presence of steam and ammonia. L. V. Talisman, M. A. Shaburov. Neftekhimika 7 no. 4:575-579 Ji-Ag '67

Pyrolytic reactions of nitriles of nitroperfluoroalkanol and dinitroperfluoroalkanes. I. L. Krumlan and others. Zhur. ob. khim. 37 no. 12 2611-2616 D '67

Quantitative determination of ketones in the presence of ketals. A. B. Skvortsova and others. Zhur. anal. khim. 22 no. 10:1565-1568 O '67

Reaction of dichlorothiophosphoric acid amides with thiolecolic acid amides. R. S. Soyfer and others. Zhur. ob. khim. 37 no. 10 2291-2294 O '67

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Reaction of O,O-diethyl (aryl) dithiophosphoric acids with aldehydes and ketones. Part 1: Reaction of O,O-diethyl (phenyl) dithiophosphoric acids with benzaldehyde. N. I. Zemlianskii, T. P. Bachinskii. Zhur. ob. khim. 37 no. 10:2266-2269 O '67

Reaction of tert-butylperoxytriethyltin with tetraethyltin and hexaethyltin. I. U. A. Aleksandrov, B. V. Sul'din. Zhur. ob. khim. 37 no. 10:2350-2354 O '67

Reaction of trichlorogermene with ketones and aldehydes. V. F. Mironov and others. Zhur. ob. khim. 37 no. 10: 2323-2328 O '67

Reaction of 2-buten-2, 3-diol, 2, 3-ethylcyclophosphite with secondary amines. I. P. Gozman. Zhur. ob. khim. 37 no. 12 2732-2736 D '67

Reactions of α -chlorinated ethers in the presence of zinc.

Part 4: Synthesis of substituted di- α -thienylmethanes. L. I. Lapkin, L. D. Orlova. Uch. zap. Perm. gos. un. no. 159:281-281 '66

Reactions of halometal alcohols. Part 16: Reaction of halomagnesium alcohols with α -chlorinated aldehydes and ketones. L. I. Lapkin, T. V. Doronova. Uch. zap. Perm. gos. un. no. 159:276-280 '66

Reactions of the active forms of nitrogen with organic molecules. O. K. Tomlin. Usp. khim. 36 no. 10 1701-1720 O '67

Relationship between physical properties and reactivity of methane substituted derivatives and their structure. Part 3: Other properties. I. U. G. Pospelov. Zhur. ob. khim. 37 no. 12 2591-2598 D '67

Research in the field of monogermanosilanes. Part 15: Effect of solvents on the reactivity of monogermanosilanes in addition reactions of unsaturated compounds. V. O. Reikhsfel'd, G. N. Koroleva. Zhur. ob. khim. 37 no. 12 2774-2777 D '67

Research in the series of derivatives of phosphinic and phosphonic acids. Report No. 56: Esters of allylalkylphosphonic acids and their biological activity. A. I. Razuvaev and others. Khim. farm. zhur. 1 no. 11 41-46 '67

Separation of isopropyl hydroperoxide from exit gas. I. U. G. Sukhinov. Zhur. prikl. khim. 40 no. 9 2070-2071 S '67

Specificity of the action of a chromium catalyst in the dehydration of 2-pentanol. L. Kh. Freidlin, V. Z. Sharf, V. Sh. Abdumavlanova. Neftekhimika 7 no. 4:603-608 Ji-Ag '67

Spectroscopic study of organoboron compounds. Part 1: Infrared spectra of organoboron compounds. L. I. Lapkin, G. A. Iuzhakova. Uch. zap. Perm. gos. un. no. 159:264-269 '66

Spectroscopic study of organoboron compounds. Part 2: Ultraviolet spectra of organoboron compounds. L. I. Lapkin, G. A. Iuzhakova. Uch. zap. Perm. gos. un. no. 159:270-275 '66

Statistical analysis of the separation of gas mixtures by the condensation-separation method. M. A. Zhidkova, A. I. Piatnitsky, N. I. Smirnovskii. Neftepr. i gaz. prom. no. 6 37-39 N-D '67

Studies of amides and anhydrides of phosphorus acids. Part 10: Synthesis and some transformations of anhydrides of allyl- and arylmonothiophosphonic acids. V. P. Rybakov, T. I. Alipova. Zhur. ob. khim. 37 no. 12 2701-2706 D '67

Study of characteristic vibrations in spectra of organophosphorus compounds. Vibration of molecules containing one group $\geq P-N$. E. I. Matrosov. Zhur. strukt. khim. 7 no. 5 768-774 S-O '66

Studying quantitative regularities of paraffin deposition in petroleum pipelines. E. A. Arsenitskii, V. F. Novoselov, P. I. Tugunov. Izv. vuz. ucheb. zav. i neftepr. i gaz. 10 no. 10 79-81 '67

Sulfur-containing organic compounds of arsenic. Part 5: Some esters of phenyl- and phenylthioarsinic acid. G. Kh. Kamal, N. A. Chadeeva, M. P. Osipova. Zhur. ob. khim. 37 no. 12 2751-2757 D '67

Synthesis and some properties of coordination polymers based on diphenylarsinic acid. V. V. Korshak and others. Dokl. AN SSSR 177 no. 6 1348-1351 D '67

Synthesis and thermal decomposition of tert-butyl ester of Diels-(triethylgermyl) peroxycyclopentene acid. N. S. Viazankin, T. N. Buznova, G. A. Razuvaev. Zhur. ob. khim. 37 no. 10 2334-2338 O '67

Synthesis and transformations of oxygen-containing organosilicon compounds. Part 60: Synthesis of organosilicon formals. I. A. Shikher and others. Zhur. ob. khim. 37 no. 12:2756-2760 D '67

Synthesis and transformations of unsaturated organosilicon compounds. Part 40: Reaction of some acetylene alcohols with hydrosilanes and disilanes containing Si-H bonds. I. A. Shikher, Sh. V. Garayeva, M. I. Shukhina. Zhur. ob. khim. 37 no. 12 2778-2780 D '67

Synthesis of alkylidene (hydroxymethyl) phosphines. R. K. Vaidetdinov and others. Zhur. ob. khim. 37 no. 10 2269-2273 O '67

Synthesis of bis-(triethylsilyl) sulfide and related compounds. Part 4: Infrared spectra of some bivalent and trivalent organic compounds having the $(C_2H_5)_3Si$ group. A. N. Egorovskii and others. Zhur. ob. khim. 37 no. 10:2308-2311 O '67

Synthesis of diethylamides of fatty acids by the catalytic method and the study of their repellent activity. A. V. Starikov and others. Khim. i farm. zhur. 1 no. 8 26-28 Ag '67

Synthesis of esters of secondary α -hydroxy acids of the acetylene series. L. I. Lapkin, I. U. S. Andreichikov. Uch. zap. Perm. gos. un. no. 159:285-288 '66

Synthesis of isopropyl hydrazide of 4(5)-imidazolecarboxylic acid. V. P. Mamaev, A. M. Roshova, I. U. G. Kalymkova. Khim. farm. zhur. 1 no. 11 27-29 '67

Synthesis of organosilicon α -oxides of the acetylene series. F. I. A. Perveev, A. I. Popov, L. P. Morozova. Zhur. ob. khim. 37 no. 10:2295-2299 O '67

Synthesis of secondary alkylamines from allipathic alcohols and ammonia in the presence of molten iron catalysts under pressure of a hydrogen-ammonia mixture. I. U. B. Kagan and others. Neftekhimika 7 no. 4: 619-622 Ji-Ag '67

Thermal rearrangements of N-allylamido phosphites and N-allylamido phosphinites. A. N. Pudovik, I. M. Aladzheva. Zhur. ob. khim. 37 no. 12:2715-2717 D '67

Volatility of ethyl alcohol in water-alcohol solutions in the presence of individual fusel oil alcohols. B. D. Melushev, L. I. Knogotkova. Perm. i spirt. prom. 31 no. 8:26-27 '65

Fully utilize waste products of industry. A. Arutunov
 Prikl. Khim. 9 no. 9 35-37 '66

547.3 UNSATURATED (ALKENE AND ALKYNE) COMPOUNDS

- Action of trichlorosilane on some unsymmetrical dimeric acetylenic methoxy- γ -gamma-glycols in the presence of H_2PtCl_6 . I. M. Gverditskii, E. S. Golashvili. Zhur. ob. khim. 37 no. 10 2297-2300 O '67.
- Addition of chloromethanol to isopropenyl- and vinylisopropenylacetylenes. S. A. Vartanian, A. O. Tosunian, L. M. Kostochka. Arm. khim. zhur. 20 no. 2 110-113 '67.
- Absorption of acrolein and ethyl alcohol on magnesium oxide studied by means of infrared spectroscopy. V. A. Sokolov, A. A. Kadushin, O. V. Krylov. Kin. i kat. 8 no. 4 848-852 '67.
- Aklylation of ethylmetacrylate by propylene in the presence of synthetic aluminosilicates. S. M. Ailev and others. Dokl. AN Azerb. SSR 23 no. 6 11-14 '67.
- Aklylation of ethyltoluene by ethylene in the presence of synthetic aluminosilicates. R. G. Ismailov, S. M. Ailev, Sh. S. Vezirov. Dokl. AN Azerb. SSR 23 no. 8: 19-22 '67.
- α -Substituted acids and their salts as activators of stereospecific polymerization of dienes. E. A. Muskhina and others. Dokl. AN SSSR 177 no. 2 351-362 N '67.
- Catalytic characteristics of the system $\text{SnO}_2 - \text{Sn}_2\text{O}_4$ in the reaction of oxidizing dehydrogenation of n -butenes into divinyl. I. U. M. Bakshi and others. Neftekhimika 7 no. 4: 537-543 JI-Ag '67.
- Chemistry of esters of ketone acids of the acetylene series. Part 5. Spectroscopic investigations of the products of amine additions. I. I. Lapkin, I. U. S. Andrichkov. Zhur. prikl. spekt. 7 no. 6: 878-881 D '67.
- Condensation of acrolein with ethyl mercaptan. O. A. Naimanbekov, P. Kh. Ismailov, S. D. Mekhtiev. Dokl. AN Azerb. SSR 23 no. 5: 15-18 '67.
- Conversion of propylene during dehydrocyclization on an $\text{MoO}_3 - \gamma\text{-Al}_2\text{O}_3$ catalyst. B. V. Trofeyev, G. V. Isagulyants, I. I. Ufbanovich. Vestsi AN BSSR Ser. khim. nav. no. 3 28-31 '67.
- Dehydrogenation of n -butylenes into divinyl on a chromium-calcium-nickel-phosphate catalyst in the presence of oxygen. R. A. Bulaev and others. Neftekhimika 7 no. 4: 530-534 JI-Ag '67.
- Derivatives of α -alkenylphosphonic acids. Part 3. Acid esters of β -styrylphosphonic acid. I. A. Levin, V. S. Galeev. Zhur. ob. khim. 37 no. 12 2736-2737 D '67.
- Determination of hydroperoxides in oxidation products of unsaturated hydrocarbons. M. F. Romantsev, D. S. Sydykova, V. V. Sarayev. Zhur. anal. khim. 22 no. 10 1574-1578 O '67.
- Epoxidation of unsaturated alkylideneacetophenones. I. G. Tishchenko, L. S. Stanishvskii. Vestsi AN BSSR Ser. khim. nav. no. 3 132-135 '67.
- Ethylene as highly effective defoliant. I. U. V. Rakitin. Fiziol. rast. 14 no. 5: 936-951 S-O '67.
- Heterocycles containing phosphorus. Part II. Some reactions of substituted chloroalkylphosphonoloxides. K. I. Novitskii, N. A. Ruzumova, A. A. Petrov. Zhur. ob. khim. 37 no. 10 2280-2286 O '67.
- Hydrogenation of demethylstyrylcarbinol over palladium on silica gel catalysts. D. V. Sokol'skii, N. A. Gogol'. Izv. AN Kazakh. SSR Ser. khim. 17 no. 1: 62-67 '67.
- Investigation in the field of unsaturated organogermanium compounds. Part 5. Course of radical addition of ethylmercaptan to 1,3-ene-germaniumhydrocarbons. I. G. Sulimov, M. D. Stadnichuk. Zhur. ob. khim. 37 no. 10 2329-2334 O '67.
- Kinetic regularities of formation of ethylene and acetylene pyrolysis products. I. U. P. Iampolskii, K. P. Lavrovskii. Kin. i kat. 8 no. 4 725-730 '67.
- Liquid-gas phase equilibrium in the acetone-acetylene system. V. M. Shleznikov, M. A. Nikitin. Nefteber. i neftekhim. no. 9: 37-42 '67.
- Methods for separating and investigating $\text{C}_{11} - \text{C}_{16}$ unsaturated hydrocarbons of normal structure in the products of high-speed cracking of slack wax. E. Kh. Kurashova and others. Neftekhimika 7 no. 4: 510-520 JI-Ag '67.
- Molecular diagrams of benzene and maleic anhydride in basic and lower excited states. V. Z. Gahdrakipov. Izv. AN Kazakh. SSR Ser. khim. 17 no. 1: 77-84 '67.
- New method of the synthesis of 3-hydroxybenzoic acid and some of its reactions. N. G. Follanskii, N. L. Polianskain. Zhur. VKHO 12 no. 6 704-705 '67.
- Nuclear magnetic resonance spectra of P^{19} in tertiary perfluoroalkenylamines. M. A. Landau and others. Zhur. VKHO 12 no. 6: 707-708 '67.
- Obtaining of ethylene by dehydration of dimethyl ether. B. V. Maltushenskii, G. N. Freidin. Zhur. VKHO 12 no. 6: 710-711 '67.
- On the Geneva nomenclature of unsaturated hydrocarbons. F. N. Sagunova. Zhur. VKHO 12 no. 6: 690-691 '67.
- Oscillation frequency and intensity of the absorption band of the C=C bond of monoderivatives of acetylene. E. A. Gastilovich, D. N. Shigovin. Zhur. prikl. spekt. 7 no. 6: 865-869 D '67.
- Oxidation of hexachlorobutadiene. N. G. Ageev, V. A. Poluektov. Dokl. AN SSSR 177 no. 2: 333-336 N '67.
- Preconditions for the stereospecific initiation of isoprenoid cyclization reaction. V. A. Smit and others. Dokl. AN SSSR 177 no. 6: 1355-1358 D '67.
- Production of germanium-containing phenylethylene carbimols. I. M. Gverditskii, L. V. Baramidze, M. V. Chelidze. Zhur. ob. khim. 37 no. 12 2654-2656 D '67.
- Pulse-polarographic determination of hexachlorobutadiene, octachlorocyclopentene, and hexachlorotetradiene. I. U. S. Lalilov and others. Zhur. anal. khim. 22 no. 10 1590-1592 O '67.
- Quantitative determination of lower olefin oxides in a mixture with aldehydes by means of gas-liquid chromatography. L. M. Kaliberov, A. S. Vanbel'. Zhur. anal. khim. 22 no. 10 1590-1592 O '67.
- Reaction of hydroformylation of olefins in the presence of rhodium carbonyls. V. I. Gankin, L. S. Genender, D. M. Rudkovskii. Zhur. prikl. khim. 40 no. 9 2029-2033 S '67.
- Reactivity of organophosphorus carbonyl-containing compounds. Part 4. Synthesis, properties, and structure of acyl phosphonates. A. I. Razumov, M. B. Gazizov. Zhur. ob. khim. 37 no. 12 2718-2742 D '67.
- Research in the field of monoorganosilanes. Part 15. Effect of solvents on the reactivity of monoorganosilanes in addition reactions of unsaturated compounds. V. O. Rezhisheva, G. N. Koroleva. Zhur. ob. khim. 37 no. 12 2774-2777 D '67.
- Solubility of acetylene in mono- and dialkyl esters of adipic acid. G. N. Freidin, V. I. Bushinskii. Zhur. prikl. khim. 40 no. 9 2078-2082 S '67.
- Study in the chemistry of coenzymes-nucleosides and nucleotides. Part 5. Interaction between phenylboric acid and adenosine monophosphates. A. M. Murkevich and others. Zhur. ob. khim. 37 no. 10 2176-2180 O '67.
- Synthesis of phosphorus pentachloride. G. K. Fedorova and others. Zhur. ob. khim. 37 no. 12 2686-2693 D '67.
- Synthesis and reactions of cyclopentadiene derivatives containing silicon. Part 2. Structure of cyclopentadienylchlorosilanes. I. M. Sholomon, M. K. Romantsev, S. V. Kul'kova. Zhur. ob. khim. 37 no. 10 2315-2320 O '67.
- Synthesis and transformations of unsaturated organosilicon compounds. Part 48. Reaction of some acetylene alcohols with hydrosilanes and disilanes containing Si-H bonds. I. A. Shikhev, Sh. V. Gataeva, M. I. Shikheva. Zhur. ob. khim. 37 no. 12 2778-2780 D '67.
- Synthesis of α, β -unsaturated ketones of the aliphatic-aromatic series by means of aldol condensation. L. S. Stanishvskii, I. G. Tishchenko. Vestsi AN BSSR Ser. khim. nav. no. 1: 123-125 '67.
- Synthesis of organosilicon α -oxides of the acetylene series. F. I. A. Pozveev, A. I. Popov, L. P. Morozova. Zhur. ob. khim. 37 no. 10 2295-2295 O '67.
- Vibrational spectra of trideutero-1,3-butadiene and monodeutero-2-vinylacetylene. I. N. Panchenko, Tran Suant Khoan, I. A. Pentin. Vest. Mosk. un. Ser. 2 Khim. 22 no. 6 12-41 N-D '67.
- Vinylidimethylsiloxanes. A. A. Zhdanov and others. Zhur. ob. khim. 37 no. 10 2311-2315 O '67.

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- Activation of amide group by acylation. Part 5. Isomerization of N -hydroxyacyldiketopiperazines to cyclools. V. K. Antonov, A. M. Shkib, M. M. Shermaklin. Zhur. ob. khim. 37 no. 10 2225-2234 O '67.
- Cellulose ethers. I. A. I. Levi, L. V. Gur'kovskaya. Plast. massy 9 no. 12: 37-39 '67.
- Chemical nature of the products of microbiological transformation of willardite and its analogs. I. U. P. Shvachkin and others. Vest. Mosk. un. Ser. 2 Khim. 22 no. 6 36-39 N-D '67.
- Comparison of the reactivity of simplest olefins and fluoroolefins in catalytic hydrogenation. I. L. Kunitsin, E. L. Myslov. Kin. i kat. 8 no. 4: 834-840 '67.
- Complex formation of 1-3-5 trinitrobenzene with sodium and lithium iodides in some alcohols, esters, and ketones. B. V. Tronov, L. A. Romanchukova, A. B. Tronov. Zhur. ob. khim. 37 no. 10 2200-2203 O '67.
- Complexes of Cu (II) with amino alcohols. Part 1. Spectrophotometric study of Cu (II) complexes with mono-, di-, and triethanolamines in aqueous solutions. O. A. Chalykhan, O. A. Vartapetian, A. K. Arakelian. Arm. khim. zhur. 20 no. 2 89-93 '67.
- Condensation of 1,2- α -cyclohexylidene-3- α -benzyl-5,6-dihydro-5,6-dideoxy-6-formyl- α -D-xylorofuranose 1,4 with phosphonates of the second group. I. U. A. Zhdanov, I. U. E. Alekseev, G. N. Dorofenko. Zhur. ob. khim. 37 no. 12 2633-2639 D '67.
- Epimerization of lactose under the effect of clays. N. V. Aleksidze. Zhur. ob. khim. 37 no. 12 2625-2630 D '67.
- Equilibrium of liquid phases in the system triethylamine-water-anthranilic acid. L. F. Erofeeva, E. F. Zhuraviev. Uch. zap. Perm. gos. un. no. 150: 54-59 '68.
- Equilibrium of liquid phases in the system triethylamine-water-salicilic acid. L. F. Erofeeva, E. F. Zhuraviev. Uch. zap. Perm. gos. un. no. 158: 46-53 '68.
- Ethyl esters of α -substituted γ -butyrolactone- α -carboxylic acids. T. N. Rozanova, I. T. Strukov. Khim.-farm. zhur. 1 no. 8 40-42 Ag '67.
- Diethylamine derivatives. Report No. 5. Diethylamides of pyrimidyl-4-amidophosphoric acids. N. V. Sazonov, A. G. Kropacheva. Khim.-farm. zhur. 1 no. 8: 32-34 Ag '67.
- Hydrocarbon composition of extracts obtained from petroleum fractions by means of extraction-crystallization with thiocarbamide. E. I. Bagrii and others. Neftekhimika 7 no. 4: 515-518 JI-Ag '67.
- Melting diagram of the ternary system urea-adipic acid-phenol. A. G. Palochkov, A. G. Bergman. Zhur. ob. khim. 37 no. 10 2157-2160 O '67.
- N -(ω -carbalcoxyalkyl)-ureas and their cyclic derivatives. Report No. 1. O. I. U. Magdon, I. B. Toperman. Khim.-farm. zhur. 1 no. 8 9-12 Ag '67.
- Pangamic acid (B5 group vitamin) and its derivatives. Part 5. Synthesis of 8- α -dimethylglycyl- α -D-glucosamine. S. G. Verenikina, A. M. Murkevich, N. A. Prezhva zhenskii. Zhur. ob. khim. 37 no. 10 2181-2184 O '67.
- Precision of the polarimetric chloride calcium method for the determination of wheat starchiness. L. L. Medintseva. Perm. i spirit. prom. 33 no. 8: 21-23 '67.
- Reaction of dichlorothiophosphoric acid amides with thioglycolic acid amides. R. S. Soyfer and others. Zhur. ob. khim. 37 no. 10 2291-2294 O '67.
- Reaction of diethylchlorophosphine with chloromethyl ether. V. S. Tsvinnun, L. N. Krutskii, G. Kh. Khamatov. Zhur. ob. khim. 37 no. 12 2752-2754 D '67.
- Reaction of glucose with sodium hypochlorite in aqueous solution. T. T. Grigorov and others. Zhur. prikl. khim. 40 no. 9: 2039-2041 S '67.
- Serine phosphates and pyrophosphates. Stability of pyrophosphate bonds in serine pyrophosphates. S. N. Ayaeva, S. N. Kara-Muza, M. M. Boivinik. Zhur. ob. khim. 37 no. 10 2190-2194 O '67.
- Solubility of acetylene in mono- and dialkyl esters of adipic acid. G. N. Freidin, V. I. Bushinskii. Zhur. prikl. khim. 40 no. 9 2078-2082 S '67.
- Stability of the preparation neohydriol labeled with ^{203}Tl and ^{197}Tl . V. I. Stanko, L. N. Burtseva. Zhur. ob. khim. 37 no. 12 2673-2675 D '67.
- Structure of asperin. Part 1. Asperinic acid. M. M. Shermaklin and others. Zhur. ob. khim. 37 no. 12 2517-2525 D '67.
- Study of solubility isotherms of the systems magnesium sulfate-urea-water and cobalt sulfate-urea-water by the high frequency method. V. F. Usat'-Kachkinev, I. U. A. Shchurov. Uch. zap. Perm. gos. un. no. 159: 24-25 '66.
- Substances with complexing ability. Part II. Synthesis and properties of meso-2,3-dihydroxy-1,4-diaminobutane-2-acetic acid, 1,4-Selivestova and others. Zhur. ob. khim. 37 no. 12 2641-2647 D '67.
- Sulfonate cellulose ethers. M. P. Kozlov, M. V. Frolov and others. B. D. Salimgov. Zhur. prikl. khim. 40 no. 9: 2044-2049 S '67.
- Synthesis and study of the depressing action of sulfonate ethers of cellulose during flotation. E. A. Piskov, L. I. Nud'ga. Zhur. prikl. khim. 40 no. 9: 2075-2077 S '67.
- Synthesis of diethyl ester of 4,9-dibromo-2,4,6,8,10-decapentanoic, 1,12-dioic acid and 5,10-dibromo-2,3,5,7,9,11-tetradecapentanoic, 1,13-dione. B. G. Fokalev, A. A. Shamsheva. Zhur. VKHO 12 no. 6: 705-707 '67.
- Synthesis of herbicides. Part 21. Bis- N , N' -(α -alkoxy- β , β -trichloroethyl) urea and 2-amino-4,6-bis-(α -alkoxy- β , β -trichloroethyl)amino-1,3,5-triazines. V. V. Dovlatian, D. A. Kostanlian. Arm. khim. zhur. 20 no. 2 123-126 '67.
- Synthesis of peptides based on β -(4-pyrimidinyl)-alanine. I. U. P. Shvachkin, G. A. Korshunova, T. V. Ianna. Vest. Mosk. un. Ser. 2 Khim. 22 no. 6: 94-96 N-D '67.
- Synthesis of tripeptides containing histidine and amino acids of the aliphatic series. I. U. P. Shvachkin, V. R. Glazkov. Zhur. ob. khim. 37 no. 10 2184-2189 O '67.
- Transformations of polysaccharides in the process of peat formation. V. S. Verner. Vestsi AN BSSR Ser. khim. nav. no. 3: 102-108 '67.
- Using the infrared spectroscopy in the investigation of the structure of cellulose propylene phosphite and its conversion products. N. I. Garbuz and others. Zhur. prikl. spekt. 7 no. 6: 851-858 D '67.

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Production of feed starch in the Hungarian People's Republic. A. G. Zabrodskii. Perm. i spirit. prom. 33 no. 8: 39-45 '67.

547.5 CYCLIC (RING) COMPOUNDS. ISO-OR HOMOCYCLIC SINGLE-RING COMPOUNDS

- Action of some dihalo derivatives on sodium salts of dialkylphosphoric acids and phosphites. V. S. Abramov, N. A. Moskva. Zhur. ob. khim. 37 no. 10 2243-2247 O '67.
- Acylation of aromatic compounds in the presence of small amounts of zinc chloride. L. I. Leont'eva, I. P. Tsukervanik. Uzb. khim. zhur. 11 no. 6: 44-46 '67.
- Analysis of a ternary mixture of phenols. M. I. Arkhipov, V. E. Garelina. Lakokras. mat. i ih prim. no. 5: 32-33 '67.
- Aspects of bifunctional reaction of pentahalophenols. N. I. A. Tel'pina, S. V. Sokolov. Zhur. ob. khim. 37 no. 10 2197-2199 O '67.
- Bis-di-(β -chloroethylaminophenyl) acetic esters. L. S. Zolpa, A. M. Khalatskii. Zhur. ob. khim. 37 no. 12: 2547-2549 D '67.
- Catalytic conversions of aromatic hydrocarbons in the presence of synthetic zeolites under atmospheric pressure. I. A. I. Isakov, Kh. M. Minachev. Neftekhimika 7 no. 4: 561-568 JI-Ag '67.
- Catalytic interaction of nitro- and heteronitroaromatics with carbon monoxide. I. B. Romanov, T. A. Lankina, L. Kh. Freidin. Uzb. khim. zhur. 11 no. 1: 38-42 '67.
- Chloromethylation of xylenes and pseudocumene. V. B. Shein, G. S. Mironov, M. I. Farberov. Zhur. prikl. khim. 40 no. 9: 2006-2014 S '67.
- Cohydrolysis reaction of some mono- and difunctional organochlorosilanes. K. A. Andrianov and others. Soob. AN Gruz. SSR 48 no. 2: 323-328 N '67.

- Color value of phenol ethers of nitrosubstituted aromatic carboxylic acids. Part 3. Ethers of 2,4- and 3,5-dinitrobenzoic acids. M. K. Iarova, A. I. Belitsvetov, Zhur. ob. khim., 37 no. 12 2661-2669 D '67.
- Conversions of methylcyclohexane in the presence of platinum charcoal, E. S. Balenkova and others, Neftekhimika 7 no. 4 554-560 Ji-Ag '67.
- Conversions of p- and o-tert-butylphenols in the presence of sulfuric acid, A. B. Vol' Epshteyn and others, Neftekhimika 7 no. 4 609-616 Ji-Ag '67.
- Cycloaddition of C₈ - C₁₀ aromatic hydrocarbons by chlorocyclohexane and methylchlorocyclohexane, S. D. Melniker, T. T. Suleimanova, T. A. Agaev, Dokl. AN Azerb. SSR 23 no. 7 17-21 '67.
- Dehydrogenation of cyclohexane on chromium black obtained by the thermal decomposition of amalgam, A. F. Agonomov, G. V. Litvinik, Vest. Mosk. un. Ser. 2 Khim., 22 no. 6 60-63 N-D '67.
- Determination of active hydrogen in phosphonium salts and some phosphoranes using the Tereftal method (by Chugaev reagent) A. V. Dombravskii, V. N. Litvinov, Zhur. ob. khim., 37 no. 10 2273-2278 O '67.
- Dimerization of allylbenzene in the presence of acid catalysts, I. U. N. Polovoi, T. A. Mrochek, B. M. Chepurinov, Vest. LGU 22 no. 16 165-169 Ag '67.
- Effect of dilution on the course of reaction and activity of tricalcium phosphate in the dehydration of 1-cyclohexen-3-ol, N. P. Emel'yanov, E. A. Tabolskaya, E. F. Kulenko, Vest. AN BSSR, Ser. khim. nav., no. 1 77-80 '67.
- Effect of the hydrocarbon composition of fuels on the composition of deposits forming during oxidation, G. F. Bol'shakov and others, Neftepr., i. neftekhim., no. 9, 24-27 '67.
- Electron paramagnetic resonance of rare earth chelates, S. N. Kiselev and others, Zhur. ob. khim., 37 no. 12 2608-2610 D '67.
- Experimental study of the viscosity of o-xylene at temperatures up to 275°C and pressures up to 400 bars, M. M. Mamedov, T. S. Akhmedov, A. D. Talfov, Izv. vya. ucheb. zav., i. neftekhim. gaz 10 no. 6 72-74 '67.
- Formation of carboxyl-containing phenyl-formaldehyde oligomers, V. I. Kur'michev, G. F. Filipchuk, V. A. Spasov, Zhur. prikl. khim., 40 no. 9 2073-2075 S '67.
- Hydrazide of pentafluorobenzoic acid, A. T. Prudchenko, and others, Zhur. ob. khim., 37 no. 10 2195-2197 O '67.
- Infrared and ultraviolet spectra of phenyl- and tolylhydrazides of diphenylacetic acid, I. S. Betinskii and others, Uch. zap. Penz. gos. un., no. 159, 289-301 '66.
- Infrared spectra of monosubstituted alkylcyclohexanes and terpene cyclohexanes, T. A. Rudol'fi, Zhur. prikl. spekt., 6 no. 1 123-125 Ja '66.
- Infrared spectra of some compounds of the phenylcyclopropane series, Kunk Dan Chiu and others, Vest. Mosk. un. Ser. 2 Khim., 22 no. 6 12-17 N-D '67.
- Inhibiting activity of polyphenylacetylene in the reaction of cumene oxidation, A. A. Beilin and others, Kin. i kat., 8 no. 4 900-903 '67.
- Interaction in the ternary system in (α-pyrone)-ethanol-hydroquinone, A. G. Palchikov, A. G. Bergman, Zhur. ob. khim., 37 no. 12 2485-2491 D '67.
- Iodochlorometric determination of alkylphenols with a normal hydrocarbon chain, O. N. Karpov, Zhur. anal. khim., 22 no. 10 1560-1573 O '67.
- Isomerization of cyclohexyl-1-C₁₄-cation in the solvolysis of cyclohexyl-1-C₁₄-p-toluenesulfonate, T. N. Shatkin, E. V. Leonteva, O. A. Reutov, Dokl. AN SSSR 177 no. 2 373-375 N '67.
- Kinetic parameters of the electrocatalytic reduction of trinitrobenzoic acid and the nature of a cathode material, N. I. Khomutov, K. Sh. Musumova, Zhur. VKHO 12 no. 6 709-710 '67.
- Kinetics of dehydrogenation of cyclohexane under reforming conditions, M. A. Rashedtseva and others, Kin. i kat., 8 no. 4 917-921 '67.
- Materials for studying the fungicide activity of some derivatives of the heterocyclic and aromatic series, N. S. Turayev, E. G. Novikov, Trudy Sverd. sel'khoz. inst., 14 66-69 '65.
- Melting diagram of the ternary system urea-adipic acid-phenol, A. G. Palchikov, A. G. Bergman, Zhur. ob. khim., 37 no. 10 2157-2160 O '67.
- Mercuration of cellulose furanates, S. T. Shaposhnikova, I. U. L. Pogorelov, B. I. Akhmedov, Uzb. khim. zhur. II no. 1 43-47 '67.
- Molecular diagrams of benzene and maleic anhydride in basic and lower excited states, V. Z. Gahdrupov, Izv. AN Kazakh. SSR, Ser. khim., 17 no. 1 37-41 '67.
- O- and C-organometallic isomers. Part 6. O-organometallic (Si, Ge, Sn, Pb) derivatives of 1-cyclohexenol, S. V. Penomarev and others, Zhur. ob. khim., 37 no. 10 2204-2207 O '67.
- Oxidation of toluene in foam, I. M. Kuznetsova, V. V. Nemeslov, N. N. Ternilovskii, Neftekhimika 7 no. 4: 591-595 Ji-Ag '67.
- Oxidizing dehydrogenation of ethylbenzene into styrene, O. K. Dogdanov and others, Neftekhimika 7 no. 4: 544-547 Ji-Ag '67.
- Phosphorylation of aliphatic-aromatic α-amino nitriles, A. M. Panchuk, I. M. Kosinskaya, V. I. Shevchenko, Zhur. ob. khim., 37 no. 12 2693-2698 D '67.
- Physicochemical study of the ternary system consisting of three isomers of cresol, I. M. Bokhovkin, I. U. L. Bokhovkina, V. F. Chesnokov, Zhur. ob. khim., 37 no. 10 2155-2157 O '67.
- Preliminary results of the field testing some derivatives of the heterocyclic and aromatic series as disinfectants of millet seeds, N. S. Turayev, E. G. Novikov, Trudy Sverd. sel'khoz. inst., 14 73-78 '65.
- Preparation of diethylamide of toluic acid by the method of transamidation, A. V. Starkov and others, Khim. farm. zhur. 1 no. 11 23-25 '67.
- Reaction of ethylchlorophosphine with methacrylic acid amide, V. K. Khairullin, A. N. Pudovik, Zhur. ob. khim., 37 no. 12 2712-2747 D '67.
- Reduction of arylsulfides by glucose, A. I. A. Zheltov, V. A. Rodionov, B. I. Stepanov, Zhur. VKHO 12 no. 6 712-713 '67.
- Role of hydrogen in configurational isomerization of dialkylcyclohexanes in the presence of group VIII noble metals, O. V. Biagin, Tao Lun-sian [Tao Lung-hsiang], A. L. Liberman, Kin. i kat., 8 no. 4 931-933 '67.
- Structure, reactivity and mechanisms of the conversions of compounds with multiple bonds and small cycles, I. A. Dikunov and others, Zhur. VKHO 12 no. 6 686-689 '67.
- Studies of acyl peroxides. Synthesis of some peroxy esters based on 1,1'-bis-hydroperoxydicyclohexyl and 1,1'-bis-hydroperoxydicyclohexyl peroxides, Part 17, I. U. A. O'ldokop, K. L. Moiseyukh, Vest. AN BSSR, Ser. khim. nav., no. 1 120-122 '67.
- Study of hydrocarbon chemisorption on Ni/SiO₂ by means of infrared spectroscopy, D. Shopov, A. Palchikov, Kin. i kat., 8 no. 1 862-867 '67.
- Study of the products of alkylation by gas-liquid chromatography. Part 1. Chromatographic behavior of alkylphenols and their ethers, E. A. Vdovtsova, T. T. Gorovits, V. O'gerit, Uzb. khim. zhur. II no. 1 30-37 '67.
- Synthesis of β-spirocyclohexyl-β-piopinolactone, I. U. N. Sazanov, N. A. Glukhov, M. M. Koton, Dokl. AN SSSR 177 no. 2 363-364 N '67.
- Synthesis of meta-substituted phenylcyclobutanes, I. U. S. Shabarov and others, Vest. Mosk. un. Ser. 2 Khim., 22 no. 6 56-59 N-D '67.
- Synthesis of some derivatives of 2-bromo- and 2,4-dibromophenoxycarboxylic acids, A. A. Aizlan, I. A. Voskianin, V. V. Darbinian, Arm. khim. zhur., 20 no. 2 114-122 '67.
- Synthesis of some 4-alkoxybenzo-2-thiazolyl- and 6-alkoxy-2-benzothiazolyl amides, A. L. Modzholan and others, Arm. khim. zhur., 20 no. 2 121-131 '67.
- Synthesis of some 1-(p-halophenyl)-2-thiazolyl-, 6-bromo- and 6-nitro-2-benzothiazolyl amides, A. S. Aizlan and others, Arm. khim. zhur., 20 no. 2 135-140 '67.
- Synthesis of substituted indoles via indolines, M. N. Pirozhnikovskaya, Usp. khim., 36 no. 10 1750-1756 O '67.
- Synthesis of 3,3'-diamino-1,1'-diadamantyl and its derivatives, N. V. Klimova and others, Khim. farm. zhur., 1 no. 8 22-25 Ag '67.
- 3,6-Endoxocyclohexanes and cyclohexenes. Part 40. Effect of electron acceptor groups on solvolysis of homo derivatives of the series of 7-oxabicyclo [2, 2, 1] heptane, N. S. Zefirov, R. S. Filatova, I. U. K. Ur'ev, Zhur. ob. khim., 37 no. 10 2234-2236 O '67.
- 3,6-Endoxocyclohexanes and cyclohexenes. Part 12. Synthesis of dimethyl ester of 5-endo-7-hydroxyoxabicyclo [2, 2, 1] heptane-2,3-dicarboxylic acid, N. S. Zefirov, R. S. Filatova, I. V. Iatskova, Zhur. ob. khim., 37 no. 12 2630-2633 D '67.
- Technique for quantitative analysis of a mixture of mono-, di-, tri-, and tetra basic benzenecarboxylic acids, K. S. Nisabava, G. Kh. Khodjiev, Uzb. khim. zhur., 11 no. 6 31-33 '67.
- Use of ion exchangers in the manufacture of drugs. Report No. 2. Investigation of the sorption of di-tert-butyl-(p-nitrophenyl)-2-amino-1,3-propanediol (tucamine) by AB-1-P2 and AB-17 ion exchangers from solutions containing NaCl and also the method of extraction of tucamine from sewage, G. N. Al'khalil and others, Khim. farm. zhur., 1 no. 8 54-57 Ag '67.
- Viscosity and surface tension of o- and m-toluic acids, N. I. D'achenko, G. D. Khariampovich, Zhur. prikl. khim., 40 no. 9 2082-2083 S '67.

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- Absorption analysis of pyrene, N. V. Chuv'urov, Koka. i khim. no. 7 39-41 '67.
- Condensation of phthalic anhydride with hydroxy-substituted benzene in a medium of anhydrous hydrogen fluoride, V. I. Gudzenko, M. I. Krausovskaya, Zhur. VKHO 12 no. 6 692-693 '67.
- C₈ - C₉ bicyclic naphthenic hydrocarbons, V. K. Solodkov and others, Neftekhimika 7 no. 4: 581-614 Ji-Ag '67.
- Electron paramagnetic resonance spectrum of the triplet state of 1,1-dimethyl-, S. P. Solodovnikov, I. U. N. Zaks, Zhur. strukt. khim., 7 no. 5 802 S-O '66.
- Kinetics and mechanism of isomeric conversions of methylbicyclo [4, 3, 0] nonanes, I. M. Makarova, A. A. Petrov, Neftekhimika 7 no. 4: 501-510 Ji-Ag '67.
- Luminescence of yellow-green luminescence, B. M. Krasovitskii and others, Zhur. VKHO 12 no. 6 713 '67.
- Mossbauer effect and chemical bond in di-(6-phenanthryl)copper, V. I. Baranovskii and others, Zhur. strukt. khim., 7 no. 5 808-809 S-O '66.
- Obtaining β-vinylnaphthalene by liquid-phase oxidation of β-ethylnaphthalene, A. V. Bondarenko, M. I. Faberov, G. I. Karakuleva, Neftekhimika 7 no. 4: 548-553 Ji-Ag '67.
- Prerequisites for the stereospecific initiation of isoprenoid cyclization reaction, V. A. Smit and others, Dokl. AN SSSR 177 no. 6 1355-1358 D '67.
- Stereochemistry and thermodynamic stability of methylbicyclo [4, 3, 0] nonanes, I. M. Makarova, V. A. Zakharenko, A. A. Petrov, Neftekhimika 7 no. 4: 491-500 Ji-Ag '67.
- Structure of byproduct of the reaction of 17-cyano-Δ⁵, 16-androstadien-3-ol with biomonothymagmacene, V. I. Maksimov and others, Zhur. ob. khim., 37 no. 12 2651-2654 D '67.
- Vapor-phase oxidation of phranthrene over vanadium catalysts in the presence of sulfur dioxide, O. A. Morozskii, G. D. Khariampovich, Kin. i kat., 8 no. 4: 912-914 '67.

547.7 HETEROCYCLIC COMPOUNDS

- Calculation and interpretation of the vibrational spectra of sulfur-containing compounds. Part 4. Thiophene monoalkyl substituents, E. N. Bolodina, L. M. Sverdlov, Zhur. prikl. spekt., 7 no. 5 870-873 D '67.
- Catalytic synthesis of aminophosphine esters, N. S. Kozlov, V. D. Pak, I. N. Levashov, Vest. AN BSSR, Ser. khim. nav., no. 3 95-98 '67.
- Chemical nature of the products of microbiological transformation of willardine and its analogs, I. U. P. Shvachkin and others, Vest. Mosk. un. Ser. 2 Khim., 22 no. 6 96-98 N-D '67.
- Derivatives of 6-methoxy-2-mercapto-4-quinazolinone as compounds with potential antitubercular activity, K. M. Murav'eva and others, Khim. farm. zhur. 1 no. 8 28-31 Ag '67.
- Determination of pyridine and quinoline bases in mixtures of products of their oxidation, V. K. Kondratov and others, Zhur. anal. khim., 22 no. 10 1585-1589 O '67.
- Determining the formation and the critical sizes of centers of liquid p-azoxyanisole and cholesterol capitate crystals, N. M. Sakevich, Izv. vya. ucheb. zav., i. fiz., 10 no. 8 56-59 '67.
- Determining the transformation heat at the transition from liquid-crystalline states of p-azoxyanisole and cholesterol capitate to the isotropic liquid and solid phases, N. M. Sakevich, Izv. vya. ucheb. zav., i. fiz., 10 no. 8 52-55 '67.
- Effect of adsorptive and steric factors on the hydrogenation rate of the vinyl group of α-, β-, and γ-vinylpyridines, L. Kh. Freidlin, N. M. Nazanova, I. G. Rozhdenskaia, Dokl. AN SSSR 176 no. 6 1323-1326 O '67.
- Heterocycles containing phosphorus. Part 11. Some reactions of substituted chloroarsophosphorinoides, K. I. Novitskii, N. A. Razumova, A. A. Petrov, Zhur. ob. khim., 37 no. 10 2280-2288 O '67.
- Indole derivatives XXXVII: synthesis of glycerides of indolyl-3-alkanonic acids and O-indolyl-3-alkylglycerins, N. N. Savorov, V. E. Golubev, Khim. farm. zhur. 1 no. 8 13-17 Ag '67.
- Infrared absorption bands of free and combined NH and CO groups of heterocyclic compounds, M. A. Boisevich, N. N. Khoviatovich, Zhur. prikl. spekt., 7 no. 4 538-541 O '67.
- Infrared spectra of chloromethyl derivatives of dioxanes and dioxolanes, E. G. Ivanluk, I. P. Kovalev, Zhur. prikl. spekt., 6 no. 1 102-106 Ja '67.
- Interaction of N-hydroxyalkyl-2-pyrimidinones with some phosphorus acid chlorides, V. S. Reznik, N. G. Pashkurov, Dokl. AN SSSR 177 no. 3 604-606 N '67.
- Kinetics and mechanism of hydroxymethylation of 2-methoxy-5-vinylpyridine in methanol, A. P. Krasnikov, L. N. Ballintinskaya, Zhur. ob. khim., 37 no. 10 2211-2215 O '67.
- Kinetics of copolymerization of N-vinylpyrrolidone with vinyl acetate, V. A. Agasandian, A. D. Litmanovich, V. I. Shtein, Kin. i kat., 8 no. 4 773-778 '67.
- Lactam-lactin tautomerism of 2-hydroxy-6-chloro- and 2-hydroxy-6-amino-derivatives of pyridine, E. M. Peresent and others, Dokl. AN SSSR 177 no. 3 592-595 N '67.
- Latest development in the chemistry of tropylum, G. D. Kolomnitskaya, Z. N. Parnes, Usp. khim., 36 no. 10 1721-1759 O '67.
- Main trends of research in the field of chemistry of indole compounds, a study a patents for 1960-1966, M. N. Pirozhnikovskaya, Khim. farm. zhur., 1 no. 11 8-17 '67.
- Materials for studying the fungicide activity of some derivatives of the heterocyclic and aromatic series, N. S. Turayev, E. G. Novikov, Trudy Sverd. sel'khoz. inst., 14 66-69 '65.
- N-oxides of the quinoline series. Report no. 19. Synthesis of mono- and di-N-oxides of 2- and 2,3-substituted quinolines, A. S. Eshin, E. G. Tsyrl'nikova, Khim. farm. zhur. 1 no. 11 36-40 '67.
- Nucleotides coenzymes and phosphoric esters. Part 19. Synthesis of flavinidine and flavinoguanosine dinucleotides, V. M. Berceviskii, R. V. Adanlaca, Zhur. ob. khim., 37 no. 12 2638-2643 D '67.
- Obtaining methacrylic acid esters with 8-hydroxyquinoline derivatives, G. K. Kirilenko, L. I. Arifov, A. A. Shamshurin, Zhur. VKHO 12 no. 6 700-701 '67.
- 1-oxymethyl-3-acylindoles, M. N. Pirozhnikovskaya and others, Zhur. VKHO 12 no. 6 697-698 '67.
- Oxoguanophosphorus compounds containing heterocycles. Part 1. Reaction of some heterocyclic aldehydes with dialkyl phosphites, I. U. E. Utkin and others, Zhur. ob. khim., 37 no. 12 2710-2714 D '67.
- Phytosterogens. Report No. 3. Synthesis of 7,11-dihydroxy-coumarin from flavylum salt, L. L. Simonova, A. A. Shamshurin, Khim. prirod. soed., no. 6 367-369 '67.

- Polyographic reduction of calcium ions. Part 1. Salts of 1,3-dimethyl-2-allylbenzimidazolium. Z. N. Timofeeva, A. V. Filin. *Zhur. ob. Khim.* 17 no. 12 2599-260. D '67.
- Polymerization of α -thylene by catalytic systems based on pyridine complexes of high-valence vanadium compounds. A. D. Pomogailo and others. *Dokl. AN SSSR* 176 no. 6 1347-1350 O '67.
- Preliminary results of the field testing some derivatives of the heterocyclic and aromatic series as disinfectants of millet seeds. N. S. Turanov, E. G. Novikov. *Trudy Sverd. sel'khoz. inst.* 14 73-78 '65.
- Solubility of diantipyrimethane and its complex compounds in mixtures of chloroform and benzene. K. I. Mozhailov, T. P. Akovleva. *Uch. zap. Perm. gos. un.* no. 159-30-45 '66.
- Some reactions of thyl radicals with aromatic compounds. I. A. Gol'dfarb, G. P. Pokhil, I. I. Belen'kii. *Zhur. ob. Khim.* 37 no. 12 2670-2676 D '67.
- Spectrophotometric study of p-sulfamidobenzolazo- δ -hydroxyaniline. N. I. Krikova, G. M. Plischenko. *Zhur. anal. khim.* 22 no. 10 1451-1458 O '67.
- Stoichiometric studies. Part 23. Rotation dispersion of some 1,4-dihydro- and 1,2,3,4-tetrahydro-isoquinolines. V. M. Potapov and others. *Zhur. ob. khim.* 17 no. 12 2670-2685 D '67.
- Structure of nickel chelates with beta-aminovinyl ketones. V. P. Kurbatov, O. A. Osipov, K. N. Kovalenko. *Zhur. ob. Khim.* 37 no. 10 2217-2219 O '67.
- Study in the chemistry of coenzymes-nucleosides and nucleotides. Part 5. Interaction between phenylboric acid and adenosine monophosphates. A. M. Iurkevich and others. *Zhur. ob. khim.* 37 no. 10 2178-2180 O '67.
- Study of hydroxydihydrofurans. Part 10. Reduction of dihydrofuranyl salts. V. V. Belogorodskii, L. A. Pavlova, E. D. Venuk-Danilova. *Zhur. ob. khim.* 17 no. 12 2681-2684 D '67.
- Study of esterification and amination of symmetrical triazines. Part 3. Effect of catalysts on rate and mechanism of the process. A. S. Estlin and others. *Zhur. ob. khim.* 17 no. 10 2252-2255 O '67.
- Synthesis and antibacterial properties of some derivatives of 5-morpholinomethyl 1,3-amino-2-oxazolone of the 5-nitrophenyl series. R. I. Kalinberg and others. *Khim. farm. zhur.* 1 no. 11 47-49 '67.
- Synthesis of 5-alkylaminoaribenzodioxanes-1,4. V. Druksas, G. Laustausiene. *Zhur. VKHO* 12 no. 6 703-701 '67.
- Synthesis of herbicides. Part 21. Bis-N, N-(α -alkoxy- β , β , β -trichloroethyl) urea and 2-amino-4,6-bis(α -alkoxy- β , β , β -trichloroethylamino)syn-triazines. V. V. Dorofanov, D. A. Kostianin. *Arm. khim. zhur.* 20 no. 2 124-126 '67.
- Synthesis of peptides based on β -(4-pyrimidyl)-alanines. I. U. Shvachkin, G. A. Korshunova, T. V. Ivanova. *Vest. Mosk. un. Ser. 5 Geog.* 27 no. 6 94-96 N-D '67.
- Synthesis of polyamides containing phosphorus atoms in the main chain. N. A. Adrova, M. M. Koton, L. K. Prokhorova. *Dokl. AN SSSR* 177 no. 3 379-381 N '67.
- Synthesis of some derivatives of 3-phenyl-3-methyl-1,1-dioxolecarboxylic acid. G. Kh. Khramutdinov and others. *Khim. farm. zhur.* 1 no. 11 29-31 '67.
- Synthesis of some 4-(p-halophenyl)-2-thiazolyl-, 6-bromo- and 6-methyl-2-benzothiazolyl amides. A. S. Arvan and others. *Arm. khim. zhur.* 20 no. 2 115-140 '67.
- Synthesis of 3-glycyrrhizylidole. M. N. Pribludzhenskaja, L. M. Orlowa, N. N. Su. *zhur. VKHO* 12 no. 6 700 '67.
- Synthesis of 3-phenyl-5,5-dimethyl-7-oxo-1,5,6,7-tetrahydrobenzimidazole and its derivatives. A. K. Aitov, D. V. Bate. *Zhur. VKHO* 12 no. 6 708-709 '67.
- Synthesis of 2-desmethylpyridoval-5'-phosphate and its derivatives. V. L. Florent'ev and others. *Dokl. AN SSSR* 177 no. 3 617-620 N '67.
- 547.7 (575.1)—Uzbek S. S. R.**
- Separation of thiazoles from nitrogen bases of petroleum of southern Uzbekistan. S. L. Guseinskaja, V. U. Tully, A. Andogdyev. *Uzb. khim. zhur.* 11 no. 1 21-21 '67.
- 547.8 NATURAL SUBSTANCES (OF UNKNOWN COMPOSITION)**
- Additivity of the optical density and coagulation threshold of humic acids. D. T. Zabamny, G. P. Moschenko. *Uzb. khim. zhur.* 11 no. 1 61-64 '67.
- Akhrem, A. A., and I. U. A. Tlovi.** [Total synthesis of steroids]. *Polnyi sintez steroidov*. Moskva, "Nauka," 1967. 321 p.
- Anti-inflammatory activity of Veratrum album alkaloids. G. I. Gerashchenko. *Nauch. dokl. vys. shkol. biol. nauk* 10 no. 12 56-57 '67.
- Condensation product of lupinic acid with piperidine. Kh. A. Aslanov and others. *Khim. prirod. soed.* no. 6 412-413 '67.
- Conservative structure. R. N. Nuriddinov, S. U. Iunusov. *Khim. prirod. soed.* no. 6 398-405 '67.
- Effect of carcinogens and mutagens on nucleic acids. Report No. 4. Effect of the ionic strength of a solution on thermal denaturation characteristics of DNA treated with nitrous acid and hydroxylamine. V. P. Kushner, I. A. Khodosova. *Tsitologia* 9 no. 8 987-973 Ag '67.
- Effect of machining the impeller around its outer diameter on the performance parameters of a centrifugal pump while pumping oil. K. A. Ibatulov, A. I. Siderfand. *Lv. vys. ucheb. zav., nef. i gaz* 10 no. 10 108-111 '67.
- Effect of the composition of the medium on nucleic acid metabolism in the mycelium of *Penicillium nigricans*. Thion producers of griseofulvin. M. A. Malkov. *Antibiotiki* 12 no. 9 782-787 S '67.
- Effective resin extracting agent. S. G. Zhudro, V. A. Shagat. *Bum. prirod. soed.* no. 10 25 O '66.
- Experimental materials on the effect on the skin of urca-formaldehyde creams and glues on their basis. L. A. Dueva. *Vest. dermat. i ven.* 41 no. 7 19-34 N '67.
- Free and esterified cholesterol content in the muscle tissue of slaughtered animals. I. U. N. Lashovskaja, I. F. Kellman. *Vop. pit.* 26 no. 4 62-66 Ji-Ag '67.
- Helicobacter isolation by ion exchange method. T. T. Shikurov, S. T. Akramov, S. U. Iunusov. *Khim. prirod. soed.* no. 6 410-411 '67.
- Isolation of monospecific gamma globulin from exhausted immune sera for comparative study of plant cell proteins. A. D. Volodarskii, N. G. Tikhonovskaja. *Fiziol. rast.* 14 no. 5 952-954 S-Q '67.
- Isolation of sphingoglycolipids containing steric acid from the gonads of *Strongylocentrotus intermedius*. N. K. Kochetkov and others. *Dokl. AN SSSR* 177 no. 6 1472-1474 D '67.
- Mass spectrometry of steroid systems. Report No. 11. Determining the configuration of steroid alcohols. N. S. Vulfson, V. I. Zaretskii, V. G. Zaikin. *Khim. prirod. soed.* no. 6 369-382 '67.
- Mass spectrometry of steroid systems. Report No. 12. Determining location of the double bond in some steroid systems by fusion mass spectrometry method. V. I. Zaretskii and others. *Khim. prirod. soed.* no. 6 383-390 '67.
- Medicinal forms for the chlorophyll-carotin paste. N. K. Zubkova, S. A. Minina. *Farmatsia* 16 no. 6 61-62 N-D '67.
- Modification of alkaloid structures. Part 1. Some derivatives of arcebutine. A. L. Mordvinov and others. *Arm. khim. zhur.* 20 no. 2 141-148 '67.
- Olivomycin and related antibiotics. Report No. 11. Structure of olivomycin and its acyl derivatives. I. U. A. Berlin and others. *Khim. prirod. soed.* no. 6 405-410 '67.
- Spectrofluorometric study of the interaction between myosin and ATP. E. A. Burshtein. *Zhur. prikl. spekt.* 6 no. 1 81-84 Ja '67.
- Stability of copper complexes of dipeptides studied by the Box-Wilson method. I. I. Salakhutdinov and others. *Dokl. AN SSSR* 177 no. 2 365-368 N '67.
- Staining of nucleic acids with the combination gallo-cyanin-chrom alum-60 redamine. R. L. Shmurin. *Ark. anat., gist. i embr.* 53 no. 12 104-105 '67.
- Stimulating effect of the growth substance of petroleum origin in experimental hypercholesterolemia. M. P. Surikov, A. A. Chirikin, I. L. Golenda. *Nauch. dokl. vys. shkol. biol. nauk* 10 no. 12 48-51 '67.
- Structure and configuration of penicillin. R. N. Nuriddinov, R. Shakhov, S. U. Iunusov. *Khim. prirod. soed.* no. 6 413-414 '67.
- Structure formation in aqueous solutions of egg albumin. V. N. Izmailova, A. S. Zholobitskova. *Koll. zhur.* 20 no. 5 677-681 S-O '67.
- Study of alkaloids of the family Boraginaceae. F. Khamitdinova, S. T. Abramov, S. U. Iunusov. *Khim. prirod. soed.* no. 6 411-412 '67.
- Succinic acid as a precursor of tropane alkaloids. M. S. Kalantaryan, I. U. B. Tikhonov. *Khim. prirod. soed.* no. 6 395-397 '67.
- Syntheses of some N-carboxyphenyl- and N-chlorophenylglycylamines. B. N. Stepanenko, F. S. Volkova, M. G. Chentsova. *Dokl. AN SSSR* 177 no. 3 607-610 N '67.
- Synthesis of dehydrocopt-17-androstene 3-acetate semicarbazone from phytoester raw material. M. V. Mukhina, G. V. Kachofontov, A. M. Khaletskii. *Zhur. ob. khim.* 37 no. 12 2649-2651 D '67.
- Synthesis of dilincol. Correlation of drimane sesquiterpenoids with labdanum diterpenoids. P. F. Vlad, G. V. Kryzhal, G. V. Lazurevskii. *Zhur. ob. khim.* 37 no. 10 2187-2190 O '67.
- Use of paramagnetic probing method for studying the nucleic acid-water system. B. I. Sukhotov and others. *Dokl. AN SSSR* 177 no. 2 454-457 N '67.
- Volumetric reconstruction of RNA distribution in the giant neuron of *Limnaea stagnalis*. G. G. Arkelov, E. N. Sokolov, V. I. A. Brodskii. *Tsitologia* 9 no. 11 1399-1405 N '67.
- 547.9 (477)—Ukrainian S. S. R.**
- Production of essential oils in the Ukraine. V. Shalimov. *Ekon. Rad. Ukr.* 10 no. 6 74-77 Je '67.
- 547.9 (479, 22)—Georgian S. S. R.**
- Study of alkaloids of Vinca herbacea growing in Georgia. F. Z. Dzhalali, V. I. Vachandze, K. S. Muzhzhiri, Soob. AN Gruz. SSR 48 no. 2 347-350 N '67.
- 548 CRYSTALLOGRAPHY**
- Allowing for extinction effects. A. V. Kuznetsov, O. M. Kozlov. *Kristallografiya* 12 no. 4 620-625 Ji-Ag '67.
- Alloying of h-SiC monocrystals during growth. I. G. Pichugin, N. A. Smirnova. *Izv. AN SSSR, Neorg. mat.* 3 no. 12 2153-2157 D '67.
- Application of the method of streamlines flow trajectory to the estimation of structure of molecule layers in crystals. Part 2. Copper sallylamethoxy iminate. P. M. Zorkii, M. A. Potat-Koshits, S. N. Sveshnikova. *Zhur. stukt. khim.* 7 no. 5 752-755 S-O '66.
- Architectural ion coefficients (refining of Puller's potential). A. G. Koniaeva. *Zhur. stukt. khim.* 7 no. 5 789-793 S-O '66.
- Calculating the orientational dielectric polarization of ferroelectric ceramic substances with a different crystal structure. V. A. Isupov. *Izv. AN SSSR Ser. fiz.* 31 no. 11 1793-1797 N '67.
- Calculation of crystal chemical radii of cations. A. G. Koniaeva. *Zhur. stukt. khim.* 7 no. 5 815-818 S-O '66.
- Characteristics of the additive coloration of silver-activated alkali halide phosphors. L. M. Shampanskii, L. M. Rodionova. *Kristallografiya* 12 no. 4 646-652 Ji-Ag '67.
- Color centers in lithium fluoride crystals. I. F. Vozzhikina. *Izv. AN SSSR, Ser. fiz.* 31 no. 12 1038-1043 D '67.
- Compounds of the W₂Fe₂ type in systems Nb-Fe, Ta-Fe, and Ta-Co. P. I. Kiprakov, I. I. Gladyshevskii, R. V. Spolozdra. *Kristallografiya* 12 no. 4 600-603 Ji-Ag '67.
- Configuration determination of a complex ion in ammonium dimolybdate structure. L. A. Aslanova and others. *Zhur. stukt. khim.* 7 no. 5 812-813 S-O '66.
- Crystal-containing places as a special type of mineral placer deposits. S. S. Voskresenskii, G. S. Anan'ev. *Vest. Mosk. un. Ser. 5 Geog.* 27 no. 5 111-114 S-O '67.
- Crystal structure and electric properties of lithium azionide layers spray-coated by the method of low temperatures. K. V. Shalimova, A. M. Gullina, S. A. Inozemtsev. *Kristallografiya* 12 no. 4 651-655 Ji-Ag '67.
- Crystalline structure of NaSmSiO₄. A. V. Chichagov, V. V. Iushkin, N. V. Belov. *Dokl. AN SSSR* 177 no. 5 574-577 N '67.
- Crystallization mechanism of selenium. K. P. Yan'kov, Z. D. Nuieva. *Kristallografiya* 12 no. 1 598-764 Ji-Ag '67.
- Crystallization of glass of the composition SiO₂-Al₂O₃-Fe₂O₃-CaO-MgO stimulated by TiO₂. I. A. Zhurav, V. N. Shalov. *Vest. AN BSSR Ser. khim. i fiz. nauk* no. 1 58-62 '67.
- Crystallochemistry of isomorphous substituents in polyhydrides and tungstates of bivalent metals. I. N. Babin, A. nets and others. *Izv. AN SSSR, Neorg. mat.* 3 no. 12 2221-2234 D '67.
- Crystallographic data of formates of strontium and of elements in the holmium-lutetium series. V. F. Pliuskina, L. P. Shklover, L. M. Shkol'nikova. *Zhur. stukt. khim.* 7 no. 5 798-791 S-O '66.
- Cyclotron resonance in tungsten. R. Gornitskiy, V. G. Edel'man. *Zhur. eksp. i teor. fiz.* 53 no. 5 1573-1578 N '67.
- Debye temperature of tetragonal and trigonal crystals. T. G. Bystrava, P. I. Fedorov. *Kristallografiya* 12 no. 4 560-565 Ji-Ag '67.
- Defining more accurately the conditions for the existence of perovskites. E. G. Fuzenko, V. S. Pichugin, M. I. Kuprilyanov. *Izv. AN SSSR, Ser. fiz.* 31 no. 11 1739-1742 N '67.
- Dependence of the effective impurity distribution coefficient on the growth rate of single crystals. V. V. Veretkov, V. P. Gashin, I. U. M. Shalimov. *Izv. AN SSSR, Neorg. mat.* 3 no. 12 2139-2143 D '67.
- Dependence of the mobility of electrons in indium arsenide films on the orientation of crystalline particles. V. A. Vlasov, S. A. Semiletov. *Kristallografiya* 12 no. 4 734-735 Ji-Ag '67.
- Determining the coherent intensity and background intensity from the experimental electron scattering curves. I. D. Nabitovich, I. A. Stetsiv, I. A. V. Voloshuk. *Kristallografiya* 12 no. 4 584-590 Ji-Ag '67.
- Determining the interphase energy on the boundary between solid and liquid-crystal phases of para-azobenzene and cholesterol compounds. F. K. Gorskii, N. M. Sakharov. *Kristallografiya* 12 no. 4 671-677 Ji-Ag '67.
- Dielectric properties of pure and iron- and chromium-doped SrTiO₃ crystals. B. N. Matsonalvili. *Kristallografiya* 12 no. 4 612-615 Ji-Ag '67.
- Dynamic theory of the continuous distribution of dislocations. Its relation to the theory of plasticity. V. I. Berdichevskii, L. I. Sedov. *Prikl. mat. i mekh.* 31 no. 6 981-1000 N-D '67.
- Effect of static polarization of a nonlinear system on the generation of the second harmonic. V. M. Malozemova. *Izv. vys. ucheb. zav.; radiofiz.* 10 no. 6 870-878 '67.
- Effect of thermal oscillations of a crystal lattice on the anisotropy of sputtering ratios and the secondary electron emission from single crystals. I. N. Pavlov, and others. *Dokl. AN SSSR* 177 no. 3 550-553 N '67.
- Effect of zone melting on certain physical properties of Sb₂Se₃ monocrystals. B. P. Grigam, M. P. Mikhalovich. *Izv. AN SSSR, Neorg. mat.* 3 no. 12 2170-2183 D '67.
- Elastic anisotropy of a sheet permalloy. Part 2. The texture of recrystallization. I. G. Zakharachenko, A. F. Drukhmanov. *Izv. vys. ucheb. zav.; fiz.* 10 no. 6 125-128 '67.
- Electromagnetic waves in hexagonal crystals when spatial dispersion is present. F. I. Fedorov, R. A. Vlasov. *Zhur. prikl. spekt.* 7 no. 4 527-532 O '67.
- Electron diffraction examination of the surface diffusion in systems Cu-Ni and Cu-Ag. B. I. Pines, I. P. Grebennik, I. V. Gekina. *Kristallografiya* 12 no. 4 635-645 Ji-Ag '67.
- Epitaxy of cadmium selenide on CaF₂. L. V. Al'tman and others. *Kristallografiya* 12 no. 4 694-697 Ji-Ag '67.

- 648(477)—Ukrainian S. S. R.

548.4 CRYSTAL LATTICES. IRREGULARITIES. INCLUSIONS. DISTORTIONS

- Dislocations and optical phenomena in ionic crystals. N. G. Politov. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:1026-1935 D '67.
- Effect of admittures of rare earth ions on the structure and optical properties of an yttrium-aluminum garnet. R. V. Bakradze and others. *Izv. AN SSSR, Ser. fiz.* 31 no. 12:2070-2073 D '67.
- Effect of color centers on the electric properties of some alkali halide crystals. M. V. Pashkovskii, A. D. Tkachuk. *Izv. AN SSSR Ser. fiz.* 31 no. 12:2043-2045 D '67.
- Effect of microdefects of the crystal lattice on some luminescence and relaxation processes in alkali halide crystal phosphors. F. N. Zaitov and others. *Izv. AN SSSR Ser. fiz.* 31 no. 12:2046-2049 D '67.
- Uch. zap' NIIGA. Reg. geol. no. 9:210-218 '66.
- Methodology of the study and distribution of minerals in loose sedimentary rocks according to density. I. F. Kashkarov, I. U. Polkanov. *Lit. i pol. Iskop.* no. 5:178-179 S-O '67.
- Morphological characteristics of zircons as indirect indications for finding out the source material of clastic rocks. L. M. Dorofeev. *Kon. i svol. min.* no. 2:112-115 '67.
- Nature of water in stratified silicates. E. G. Kukovskii, G. A. Drach. *Kon. i svol. min.* no. 2:36-45 '67.
- Phase transition of synthetic and natural sodalites upon heating. A. A. Shpigun, E. G. Kukovskii, I. U. G. Fedorenko. *Kon. i svol. min.* no. 2:172-179 '67.

550.4(235)—Mountains of Asia

Characteristics of the concentration of rare earths in soils and plants of the Tamyrtan. R. M. Talipov and others. *Uzb. geol. zhur.* 11 no. 5, 17-21 '67.
Distribution of rare alkalies and thallium in volcanic formations of the Kurama subzone (Western Tien Shan). K. U. Uimbayev and others. *Uzb. geol. zhur.* 11 no. 5: 3-9 '67.

550.4(476)—White Russian S. S. R.

Paleochemical studies of lacustrine-swamp sediments of the Upper Pleistocene as revealed by a study made in the Poleselskaya-Kupavitsky swamp massif. V. K. Lukashov. *Vestn. AN BSSR Ser. Khim. nauk* no. 1102-107 '67.

550.4(477)—Ukrainian S. S. R.

Accessory rare earths of granites of the region of the Sea of Azov. V. P. Kuts, H. D. Eliseieva, V. M. Shafir. *Dop. AN URSS, Ser. Khim.* 20 no. 10 917-920 O '67.

550.4(477.6)—Donets Basin

Establishing stages in hydrocarbon accumulation in the sediments of the Donets-Donets region on the basis of geochemical data. N. I. Ivanets, L. M. Samtsova. *Nef. i gaz. prom.* no. 6 11-14 N-D '67.

550.4(479)—Caucasus and Transcaucasia

Geochemistry of organic matter of Cretaceous sediments in the southwestern Caucasus. Sh. F. Mekhtiev, Ad. A. Aliev. *Izv. AN Azerb. SSR, Ser. nauk o zem.* no. 3/4 55-60 '67.

550.4(479.22)—Georgian S. S. R.

Comparison of the Vekudzhari and Mtskheta intrusions according to the content of lithium and rubidium in rocks. G. S. Zakariadze, O. I. Gelman. *Trudy Geol. inst. AN Gruz. S. S. R.* no. 11 5-53 '67.

550.4(479.24)—Azerbaijan S. S. R.

Histostratigraphic and geochemical characteristics of Akebagli sediments of the eastern part of the Kura lowland. Kh. S. Dzhabatova, Kh. M. Kuleva, Ad. A. Aliev. *Izv. AN Azerb. SSR, Ser. nauk o zem.* no. 5 1-7 '66.

550.4(571)—Asiatic R. S. F. S. R.

Correlational links between physicochemical characteristics of Mesozoic petroclasts in the West Siberian Plain. A. I. Lugovtsov. *Trudy SNIIGGIMS* no. 47:170-183 '66.

Geochemical characteristics of dispersed organic matter in Jurassic and Lower Cretaceous sediments in the northern part of the West Siberian Platform. A. S. Komichuk. *Trudy SNIIGGIMS* no. 47:188-203 '66.

Geochemical interpretation and systematization of the paleogeography of the southwestern part of the West Siberian Plain. I. D. Polakova. *Trudy SNIIGGIMS* no. 47:211-213 '66.

High-molecular hydrocarbons in dispersed organic matter; as exemplified by Jurassic sediments in the West Siberian Platform. L. I. Bogorodskaya, A. P. Kontorovich, L. I. Polakova. *Trudy SNIIGGIMS* no. 47:132-155 '66.

Some geochemical features of vanadium and nickel in sedimentary rocks and petroleum. M. M. Kolganova, A. P. Kontorovich. *Trudy SNIIGGIMS* no. 47:184-197 '66.

550.4(575.1)—Uzbek S. S. R.

Characteristics of the distribution of cesium depending on the composition and age of rocks of the Sultanulzadag. S. G. Shavlo, V. I. Kazukovich. *Uzb. geol. zhur.* 11 no. 5:36-40 '67.

Composition of clays of the Kokaytinskoye deposit. M. Z. Zakiev. *Uzb. geol. zhur.* 10 no. 4:17-22 '66.

Distribution of rare alkali elements in granitoid complexes of the Lolabulak-Ketmonchinsk zone (western Uzbekistan). N. K. Dzhamalidinov. *Uzb. geol. zhur.* 11 no. 5:10-16 '67.

Rare earths in weathering surfaces of granitoids. V. V. Burkov, F. K. Podporina. *Dokl. AN SSSR* 177 no. 3 691-693 N '67.

Some data on the concentration of thallium, selenium, and rare earth elements in Mesozoic and Cenozoic sediments of the Zhirbulak-Zinatdin Mountains. N. M. Miralimova. *Uzb. geol. zhur.* 11 no. 5:20-31 '67.

550.8 PRACTICAL AND APPLIED GEOLOGY. FIELDWORK. PROSPECTING

Angle of turning in the percussion and percussion-rotary drilling of boreholes. V. A. Plokhikh. *Izv. vys. ucheb. zav., geol. i razv.* 10 no. 9:140-151 '67.

Calculating the effect of horizontal component in the method of induced magnetic fields. A. V. Kavin, A. I. Sidorchuk. *Razved. geofiz.* no. 21 78-79 '67.

Causes for changing the scale division of quartz stabilized gravimeters. V. G. Budanov. *Razved. geofiz.* no. 23 75-79 '67.

Character of wave pattern in acoustic logging. G. I. Potkevich, T. Z. Verbitskii, E. F. Iannush. *Razved. geofiz.* no. 21:128-134 '67.

Characteristics of vertical pickups for measuring electric conductivity of rocks and ores when using the induction method. R. M. Kamenetskaya. *Razved. geofiz.* no. 22 85-88 '67.

Combining seismic prospecting methods and elements of the interpretation of seismic data. P. A. Pospelov. *Shor. tuid. Vses. zaoch. politekh. inst.* no. 36 54-106 '66.

Connection of the decrement of absorption with the lithological composition of rocks and propagation velocity of elastic vibrations. A. D. Pavlenkin. *Razved. geofiz.* no. 22 38-44 '67.

Construction of spools for electrodynamic seismic detectors. M. P. Ivano. *Razved. geofiz.* no. 21 52-55 '67.

Core container for studying gas and liquid flow in a fractured porous medium. M. A. Rustamzade, S. A. Abdullashitov. *Izv. vys. ucheb. zav., nef. i gaz.* 10 no. 10 66-67 '67.

Detecting dislocated rocks in a coal bed on the basis of logging data. S. A. Slepchov. *Razved. geofiz.* no. 22 111-117 '67.

Detectors of slow neutrons for the well equipment of radioactive logging. A. F. Vedutkin. *Razved. geofiz.* no. 21 120-127 '67.

Determination of costs of geologic prospecting operations. O. I. Leshuk. *Razrab. nef. i gaz. mest.* no. 3 73-77 '67.

Determining density interfaces by the dispersion of the density of rocks. E. O. Tarasova. *Razved. geofiz.* no. 23 65-70 '67.

Determining dimensions of oil and gas pools and estimating their reserves on the basis of the first producing well. B. S. Vorobiev, V. D. Karachinskii. *Nef. i gaz. prom.* no. 4:7-10 JI-ag '67.

Determining the density of an intermediate layer by the method of inverse probabilities. I. N. Mikhailov. *Razved. geofiz.* no. 21 101-108 '67.

Determining the dip azimuth of coal beds in wells by the electric prospecting method. A. V. Mironov. *Razved. geofiz.* no. 22 129-134 '67.

Determining the elements of the occurrence of vertical and dipped shelves. S. A. Shikhov. *Razved. geofiz.* no. 23:71-74 '67.

Determining the vertical thickness of the weathering crust of ferrous quartzites on the basis of magnetic prospecting data in connection with searches for rich iron ores. I. A. Zhavoronkin. *Razved. geofiz.* no. 22 107-113 '67.

Development of studies of the process of heat exchange in a borehole. S. M. Kuliev, B. I. Elshin, G. G. Gabuzov. *Izv. AN Azerb. SSR, Ser. nauk o zem.* no. 3/4 182-202 '67.

Effect of the density of source current on the coefficient of polarization in field studies by the method of induced polarization. N. S. Bopulova. *Vest. Mosk. univ. Ser. I Geologiya* 22 no. 6 66-69 N-D '67.

Effect of the wear of cutters on the drilling speed when using an infusible bit with sharpened cutters. S. N. Tarakanov. *Izv. vys. ucheb. zav., geol. i razv.* 10 no. 9: 142-148 '67.

Efficient diagram for the start of an electronic relay amplifier and mixer of the PSL-3 station. N. N. Vasilenko, V. M. Igumnov. *Razved. geofiz.* no. 23:33-35 '67.

Elimination of electrode interference in measuring natural electric fields. L. V. Podgornyy, E. M. Litvinov. *Uch. zap. NIIGA Reg. geol.* no. 8:230-236 '66.

Elimination of the misrepresentation of marine geophysical observations connected with variations of the depth of the sinking of transmitters. E. M. Litvinov. *Uch. zap. NIIGA Reg. geol.* no. 9:225-229 '66.

Evaluating the accuracy of gravimetric maps. M. V. Ardulov. *Razved. geofiz.* no. 23 60-64 '67.

Experience in processing observational data of the reflection method by digital computers. G. N. Bogatik, E. L. Bulanova, V. I. Mikhtina. *Razved. geofiz.* no. 22 27-37 '67.

Exponential regulation of amplification and switching of filtration in the photoelectric summation when using the controlled directional sensitivity method. G. G. Sheinberg, V. S. Petrov. *Razved. geofiz.* no. 21 45-51 '67.

Field of the direct electric dipole on a well axis. V. N. Kurillo. *Geol. i geofiz.* no. 7:151 JI '67.

Geophysical methods of borehole survey. I. I. Bashlykin. *Shor. tuid. Vses. zaoch. politekh. inst.* no. 36 107-145 '66.

Gold'in, I. D. [Mechanizing the plotting of graphic representations in prospecting and mining] *Mekhanizatsiya postroyeniya nagladnykh izobrazhenii pri razvedke i razrabotke nedr* Moskva, "Nedra," 1967. 183 p.

Heatproof charges for gun perforators and their ballistic characteristics. F. A. Baum, A. M. Duvanov, N. K. Semenov. *Razved. geofiz.* no. 23 106-111 '67.

High temperature hydrothermal synthesis of grossularite and andradite. S. S. Kollago, D. V. Kalinin. *Geol. i geofiz.* no. 7:153-155 JI '67.

Improving the performance of compressor of the AGKS-55/50 mud logging station. E. V. Galkin. *Razved. geofiz.* no. 23:115-117 '67.

Integral method for determining depths of disturbing bodies. B. D. Polotaev, V. N. Rozenberg. *Razved. geofiz.* no. 22 55-62 '67.

Interpretation of sounding curves by field formation. G. A. Isaev. *Geol. i geofiz.* no. 7:143-150 JI '67.

Interpretation of Δg anomalies upon an inclined scarp. T. V. Valova. *Razved. geofiz.* no. 22:76-84 '67.

Investigating the nonreflectivity of the surface of crystalline basement on the basis of the data of controlled directional sensitivity method. I. A. Mushtin, A. V. Popova. *Razved. geofiz.* no. 21 56-62 '67.

Justification of efficient methods for preliminary prospecting. V. S. Ogarkov. *Izv. vys. ucheb. zav.; geol. i razv.* 10 no. 9:88-93 '67.

Khmolevskii, V. K. [Brief course in exploration geophysics] *Kratkii kurs razvedochnoi geofiziki* Moskva, Izd. Mosk. un-ta, 1967. 223 p.

Magnetization and the demagnetization factor. *Izv. vys. ucheb. zav., geol. i razv.* 10 no. 9:137-141 '67.

Method for determining corrections for the relief of proximate zone in gravimetric measurement using aerial photos. I. M. Gramenitskaya. *Razved. geofiz.* no. 21 109-113 '67.

Method for determining the depth of occurrence of the upper edge of a thin magnetic vertical bed using variational functions in the case of B, A, Andreev, A. I. Kanuka, Zh. G. Mal'met. *Razved. geofiz.* no. 22 105-106 '67.

[Methodological instructions on mapping the distribution of thermal waters on a scale 1:500 000 and 1:200 000] *Metodicheskie ukazaniya po sostavleniyu kart rasprostraneniya termal'nykh vod v masshtabakh 1:500 000 i 1:200 000*, Moskva, 1967. 38 p.

Methodology of the analysis of the efficiency of detailed prospecting for deposits of coal. L. M. Petrovskii. *Izv. vys. ucheb. zav.; geol. i razv.* 10 no. 9:94-97 '67.

Multiple reflections and their influence on the calculation of effective velocities. A. A. Ivanov, I. U. A. Lchbedev. *Razved. geofiz.* no. 22 45-54 '67.

New data on the subsurface geology of Asakaudan Trough, based on results of seismic prospecting using the reflection method. R. D. Kozhueva, I. Kh. Kuliev. *Uzb. geol. zhur.* 10 no. 4 56-61 '66.

On separating gravitational fields. A. I. Dubov, N. P. Gracheva, I. A. Lugvina. *Razved. geofiz.* no. 22 63-66 '67.

Plotting structural maps with omitting the plotting of seismic profiles. V. V. Shcherbakov. *Razved. geofiz.* no. 23 19-20 '67.

Present extent of the effectiveness of oil and gas prospecting in the U.S.S.R. N. I. Bulalov. *Trudy VNIIGI* no. 48 3-36 '67.

Present state and problems of the overall geological survey. V. O. Nechalev. *Geol. zhur.* 26 no. 5:51-55 '66.

Problems of the theory of ore formation and prospects for finding deposits. I. A. M. Ihefeyev. *Geol. zhur.* 26 no. 5 46-50 '66.

Production of tubular electrodes for the electrochemical casting of boreholes. V. N. Semukov. *Izv. vys. ucheb. zav.; geol. i razv.* 10 no. 9:152-153 '67.

Prospecting possibilities and the methodology of gas logging. V. I. Zil'berman. *Geol. zhur.* 26 no. 4 110-113 '66.

Ptractor-template for discounting refractions in the intermediate velocity boundary line. A. D. Kapsan. *Razved. geofiz.* no. 21 63-64 '67.

Quantitative interpretation of the results of radiometric studies of argillaceous sandstones. T. I. Kurtev. *Razved. geofiz.* no. 23 89-93 '67.

Recent results in the field of deep magnetotelluric sounding. M. N. Berdichevskii and others. *Dokl. AN SSSR* 177 no. 3 564-566 N '67.

A relay pulser. E. A. Poliakov. *Razved. geofiz.* no. 21: 135-138 '67.

Representativeness of core samples and selection of the methodology of modeling layer conditions. I. M. Matromshstein. *Uch. zap. NIIGA Reg. geol.* no. 9:217-223 '66.

Research in the gas industry. P. A. Tesner. *Gaz. prom.* 12 no. 10 14-17 O '67.

Results of magnetotelluric sounding in the drift region of the station North Pole-13. N. A. Deniskin, N. V. Lipskaya. *Dokl. AN SSSR* 177 no. 6:1320-1323 D '67.

Seismic studies in ore deposits, review of works from 1926 to 1964. A. P. Volin. *Geol. i geofiz.* no. 7 122-130 JI '67.

Selecting transverse waves on the basis of the polarization of vibrations. A. G. Glinodman. *Razved. geofiz.* no. 23:3-9 '67.

Separation of density heterogeneities in the basement and upper mantle; as revealed by a study made in the Fergana Depression. M. B. Zil'berman, D. A. Shaposhnikova. *Uzb. geol. zhur.* 11 no. 6:70-75 '67.

Separation of trap intrusions according to aeromagnetic data. O. M. Il'in. *Uch. zap. NIIGA Reg. geol.* no. 8 237-242 '66.

Significance of certain types of longitudinal waves in the formation of seismograms using data of vertical seismic profiling. E. I. Gal'perin. *Razved. geofiz.* no. 22:3-20 '67.

Some economic problems of oil and gas prospecting in the Caspian Lowland and its bordering areas. E. A. Smirnova. *Trudy VNIIGI* no. 48 100-109 '67.

Some recommendations for increasing the effectiveness of the AGKS-55/59 automatic mud logging stations. V. M. Kuz'min, V. P. Kavunakov. *Razved. geofiz.* no. 22 124-128 '67.

Structure of the sedimentary layer in the northeastern part of the Okhotsk Sea based on the method of reflected waves. A. P. Mitashin. *Dokl. AN SSSR* 177 no. 6:1410-1422 D '67.

Studying connections between reservoir properties and geophysical parameters of a formation by multidimensional regression analysis. A. M. Rutman, M. M. Ellanskii. *Izv. vys. ucheb. zav.; nef. i gaz.* 10 no. 6:13-16 '67.

- 551.1(477)—Ukrainian S.S.R.
Problems of the subsurface crustal and mantle structure of the Ukrainian S.S.R. and the adjacent water area of the seas. S.I. Subbotin. Geol. zhur. 26 no. 5:60-63 '66
- 551.1(571)—Asiatic R.S.F.S.R.
Problematic formations in the sediments of the Muna series. L.P. Belikov. Uch. zap. NIIGA. Reg. geol. no. 8:216-221 '66.
- 551.2 INTERNAL GEODYNAMICS. ENDOGENOUS PROCESSES
Characteristic features of the Pre-Cambrian Sangiten igneous rock complex (Fuva). N.V. Rogov. Geol. i geofiz. no. 7:33-42 '67.
Experimental study of the effect of the viscosity of layers of the morphology of folds of laminar flow. L.I. Patalakha. Dokl. AN SSSR 177 no. 6:1123-1125 D '67.
Mechanism of the formation of mud volcanoes. A.M. Mametov. Dokl. AN Azerb. SSR 23 no. 8:47-53 '67.
Method of salt dome analysis and its practical application in the prediction of gas and oil potentials. N.F. Balukhoshvili, V.K. Gavrilish. Neft. i gaz prom. no. 6:5-8 N-D '67.
Tectonic map of Eurasia. B.N. Krasnikov, I.V. Luchinskii. Geotektonika no. 6:105-108 '67.
Types of main linear tectonic structures of the earth. G.D. Vzhigitel. Dokl. AN SSSR 177 no. 3:651-654 N '67.
- 551.2(234)—Mountains of Europe
Isotachic overthrust sheet in the southwestern Caucasus. A.M. Shumygin. Geotektonika no. 6:98-104 '67.
Development of the Dinarides in the Alpine cycle. B.M. Chirich. Geotektonika no. 6:3-21 '67.
Isotachic structures of systems of the regional cleavage of a fault in the Urals. K.P. Plutinin. Dokl. AN SSSR 177 no. 3:670-673 N '67.
Overthrust sheets in the Devon basin in the Dinarides. I.I. Belostotskii. Geotektonika no. 6:25-48 '67.
- 551.2(235)—Mountains of Asia
Geotectonic development of the Indian Ocean and the "roof of the World." T. Kraus. Vest. Mosk. un. Ser. 4 Geologia 22 no. 6:16-21 N-D '67.
Nappe outcrops in the Tianshan Mountains (Eastern Sayan Mountains). V.P. Aisent'v. Dokl. AN SSSR 177 no. 3:651-657 N '67.
Tectonic position of dike belts in the Stanovoy Range. I.P. Gurov, I.P. Gurova. Geotektonika no. 6:87-90 '67.
Tectonics of fold areas in Central Asia characteristics of the structure of geosynclinal areas. L.P. Zonen-shain. Geotektonika no. 6:49-69 '67.
- 551.2(265)—Pacific Ocean
Structure of the sedimentary layer in the northeastern part of the Okhotsk Sea based on the method of reflected waves. A.P. Milashin. Dokl. AN SSSR 177 no. 6:1419-1424 D '67.
- 551.2(267)—Indian Ocean
Geotectonic development of the Indian Ocean and the "roof of the World." T. Kraus. Vest. Mosk. un. Ser. 4 Geologia 22 no. 6:16-21 N-D '67.
- 551.2(470)—European U.S.S.R.
Gorlov, N.V. [Structure of moonstones (northwestern part of the White Sea region)] Struktura belomorsk. (Sev. Zap. Belomorsk) Leningrad, "Nauka," 1967, 111 p.
Tectonics of the Pre-Cambrian basement of the Starooskol'skaya and Novooskol'skaya regions of the Kursk Magnetic Anomaly. N.I. Goltvkin. Izv. vyz. ucheb. zav., geol. i razv. 10 no. 9:28-30 '67.
- 551.2(471.65)—North Ossetian A.S.S.R.
Geotectonic regionalization of the territory of North Ossetia. B.K. Lotiev, I.U. A. Sterlenko, Z.V. Sterlenko. Izv. vyz. ucheb. zav., neft' i gaz 10 no. 10:13-15 '67.
- 551.2(477)—Ukrainian S.S.R.
Dnieper-Danube Lowland as a result of the shearing stress of the earth's crust. A.V. Chekunov. Geol. zhur. 26 no. 4:15-31 '66.
Prospecting for buried structures in the marginal zones of the Dnieper Graben in Paleozoic sediments. B.P. Kabyshev, G.I. Kaledin. Neft' i gaz prom. no. 5:13-15 '67.
Tektuniv, G.V. [Structures of boundinagos and their role in the localization of mineralization, as revealed by a study made in the Ukrainian Shield and some other regions] Struktury budinazh i ikh rol' v lokalizatsii orudnolenia; na primere Ukrain'skogo shchita i nekorlykh drugih regionov. Kiev, "Naukova dumka," 1967, 214 p.
- 551.2(477.8)—Western Ukraine
Subsurface structure of the Outside Zone of the Carpathian region based on data of deep boreholes. V.M. Urobin, I.P. Zolotar'ov. Geol. zhur. 26 no. 4:62-67 '66.
- 551.2(479)—Caucasus and Transcaucasia
Formation of relief in connection with the manifestation of recent tectonic movements in the Lower Kura Lowland. D.M. Danilevskaya. Dokl. AN Azerb. SSR 23 no. 8:37-40 '67.
Tectonic structures on the highland part of the northeastern slope of Kavkazskii and their manifestation in the relief. T.Z. Nozadze. Soob. AN Gruz. SSR 48 no. 2:369-374 N '67.
- 551.2(479.22)—Georgian S.S.R.
New tectonic plan of the Kolkhida Lowland. E.K. Vakha-nua. Dokl. AN SSSR 177 no. 3:658-661 N '67.
- 551.2(479.24)—Azerbaijan S.S.R.
Time of the formation of tectonic faults in southwestern Kokystan. S.G. Salayev, N.S. Kashtulin. Dokl. AN Azerb. SSR 23 no. 7:35-39 '67.
- 551.2(571)—Asiatic R.S.F.S.R.
Aluchin group of Late Quaternary volcanoes of the Chukotka Peninsula. M.E. Gorodinskiy, I.U. M. Dvagal', V.E. Steilingova. Izv. AN SSSR Ser. geol. no. 12:72-83 D '67.
Comagmatic intrusive and effusive traps in the northwestern part of the Siberian Platform. I.U. I. Tolmanova-kala, G.N. Staritsyn. Uch. zap. NIIGA Reg. geol. no. 8:39-57 '66.
Metamorphism of organic matter in Mesozoic sediments in the central part of the West Siberian Plain. P.A. Trushkov. Trudy SNIIGGIMS no. 47:156-168 '66.
Nature of some local uplifts in the West Siberian Platform. S.I. Bilzintchenko, A.G. Poterayev. Trudy SNIIGGIMS no. 47:23-38 '66.
Relief of bottom, distribution of thicknesses of the formation of marine Pliocene-Quaternary sediments of the Ust'-Yenisey Trough and their relation to recent tectonic movements. G.V. Sazdal'skii. Uch. zap. NIIGA. Reg. geol. no. 8:137-146 '66.
Relation of mineral springs in Transbaikalia to tectonic faults. N.S. Bogomolov. Mat. Kom. po izuch. podzem. vod Sib. i Dal' Vost. no. 3:96-108 '67.
- Smirnov, A.D., and others. [Riphean structures of the southern part of Siberia and the structural position of their pegmatites] Rifeyskiy luga Sibiri i strukturnaya pozitsiya ikh pegmatitov. Moskva, "Nauka," 1967, 138 p.
Waters containing radon from zones of tectonic disturbances in Transbaikalia. I.L. Bogdanova, V.G. Ias'ko. Mat. Kom. po izuch. podzem. vod Sib. i Dal' Vost. no. 3:108-113 '67.
- 551.2(571.16)—Tomsk Province
Jointing of Jurassic and Lower Cretaceous rocks in the Kaym'sovyy arch and Srednyy-Vasvugan swell. N.V. Mel'nikov. Trudy SNIIGGIMS no. 47:18-61 '66.
- 551.2(571.17)—Kemerovo Province
History of the development of the Kuznetsk Trough. V.F. Zauzolkov. Izv. vyz. ucheb. zav., geol. i razv. 10 no. 9:8-11 '67.
- 551.2(571.511)—Taymyr National District
Tectonics of the Rybnaya basin (Noril'sk region). A.A. Mel'nikov. Geol. i geofiz. no. 7:94-103 JI '67.
- 551.2(571.6)—Soviet Far East
Basic characteristics of the tectonic structure of the northern part of the Pacific mobile belt. B.Kh. Eglar'ov. Uch. zap. NIIGA Reg. geol. no. 9:7-35 '66.
Some problems of the igneous activity and metamorphism of the Far East. I.V. Krut'. Izv. AN SSSR Ser. geol. no. 12:163-167 D '67.
- 551.2(571.64)—Sakhalin Province
Alpine folding in Sakhalin and the Kurile Islands. G.P. Vergunov. Sbor. trud. Vses. nauch. politekh. inst. no. 36:48-53 '66.
Markhinin, E.K. [Role of volcanism in the formation of the earth's crust, as revealed by a study made in the chain of the Kurile Islands] Rol' vulkanizma v formirovani zemnoi kory, na primere Kuril'skoi ostrovnol dugi. Moskva, "Nauka," 1967, 253 p.
- 551.2(571.65)—Magadan Province
Brief outline of the Pre-Permian development of the Omolon block. K.V. Simakov, V.M. Shevchenko. Geol. i geofiz. no. 7:86-93 JI '67.
- 551.2(571.661)—Koryak National District
Deep faults of the Koryak Upland. B.M. Chikov. Geotektonika no. 6:82-87 '67.
- 551.2(575.3)—Tajik S.S.R.
Jointing as an indicator of the history of the formation of the tectonic pattern, as revealed by a study made in western Aruk-Tau. V.N. Kalacheva, L.D. Knoring. Geotektonika no. 6:90-98 '67.
- 551.2(575.4)—Turkmen S.S.R.
Subsurface structure of Turkmenia based on data of seismic prospecting. N.K. Bulin. Geotektonika no. 6:70-81 '67.
- 551.3 EXTERNAL GEODYNAMICS. EXOGENOUS PROCESSES
Development of lithology in the U.S.S.R. and its nearest problems. Lit. i pol. iskop. no. 5:3-25 S-O '67.
Erosion complexes of the Ural-Tobol Plateau. N.V. Popov. Zemlevedenie 7:70-72 '67.
Genetic types of recent and Quaternary weathering surfaces of basic rocks in humid tropics. N.A. Lisitsyna. Lit. i pol. iskop. no. 5:26-49 S-O '67.
History of the study and basic problems and further investigation of mud volcanoes. A.A. Iakubov. Izv. AN Azerb. SSR Ser. nauk o zem. no. 3:4:61-67 '67.
Novoskii, E.N. [Processes of sedimentation in the littoral zone of the sea] Protsessy osadkoobrazovaniya v pibrezhnoi zone moria. Moskva, "Nauka," 1967, 255 p.
Quantitative determination of along-shore drift. M.G. Iurkevich, L.I. Iurkevich. Okeanologia 7 no. 6:1123-1127 N-D '67.
Relation of some rare elements to the organic matter in the layer of marine sediments. G.N. Batyagin, A.V. Kochinov. Okeanologia 7 no. 6:1025-1031 N-D '67.
Some possibilities of increasing the effectiveness of the method of artificial dusting of glaciers for increasing thawing and runoff. A.A. Krietei. Uzb. geol. zhur. 10 no. 4:91-92 '66.
Some problems in the study of overglazed ice. V.M. Pigurova, O.N. Tolstikhin. Mat. Kom. po izuch. podzem. vod Sib. i Dal' Vost. no. 3:30-40 '67.
Studies of cryotectonics of sea ice for purposes of glaciology and geology. N.A. Volkov, P.S. Voronov. Probl. Arkt. i Antark. no. 27:152-158 '67.
Transformations of polysaccharides in the process of peat formation. V.S. Vencin. Vestsi AN BSSR. Ser. khim. nav. no. 3:102-108 '67.
- 551.3(234)—Mountains of Europe
Conference on Weathering Surfaces of the Urals. A.P. Sigov. Lit. i pol. iskop. no. 5:180-182 S-O '67.
- 551.3(235)—Mountains of Asia
General characteristics of the recent glaciation of the Kungay Alatau. N.N. Zakhar'ina, E.V. Maksimov. Uch. zap. Ped. inst. Gerts. 289:16-85 '68.
Glaciers of the Choktal Massif in the Kungay Alatau and their variation within the last century and many centuries before. E.V. Maksimov. Uch. zap. Ped. inst. Gerts. 289:80-95 '66.
- 551.3(262.5)—Black Sea
Granulometric and chemical studies of littoral sands and bottom sediments in the region of the Bulgarian Black Sea coast. A.V. Rozhdenskiy. Okeanologia 7 no. 6:1020-1024 N-D '67.
- 551.3(265)—Pacific Ocean
Characteristics of the distribution and modification of CaCO₃ in bottom sediments of the Pacific Ocean. A.P. Lisitsyn, V.P. Petelin. Lit. i pol. iskop. no. 5:50-65 S-O '67.
Sediments of the central region of the southern part of the Pacific Ocean. N.S. Skorniakova, V.P. Petelin. Okeanologia 7 no. 6:1005-1010 N-D '67.
- 551.3(268)—Arctic Ocean
Basic results of the study of ice drift in the Arctic basin. N.A. Volkov, Z.M. Gidkovich. Probl. Arkt. i Antark. no. 27:55-64 '67.
Studying the ice cover of a sea as a medium of navigation. P.A. Gaidenko, A.IA. Buzuev, G.N. Sergeev. Probl. Arkt. i Antark. no. 27:93-104 '67.
- 551.3(471.25)—Pskov Province
Development of the processes of soil erosion in the southern regions in Pskov Province. A.N. Shershneva. Uch. zap. Ped. inst. Gerts. 289:113-129 '66.
- 551.3(471.6)—Northern Caucasus
Volcanoclastic rocks of the Upper Cretaceous age of the Crimean plain and the Kerch Peninsula. V.G. Bondarenko, M.IA. Apostolova, M.S. Shapovalov. Izv. AN SSSR Ser. geol. no. 12:123-127 D '67.
- 551.3(477.8)—Western Ukraine
Volcanoclastic rocks of the Upper Cretaceous age of the Crimean plain and the Kerch Peninsula. V.G. Bondarenko, M.IA. Apostolova, M.S. Shapovalov. Izv. AN SSSR Ser. geol. no. 12:123-127 D '67.
- 551.3(479.24)—Azerbaijan S.S.R.
General geomorphological conditions of the Telachay basin, mudflow on August 19, 1964. B.A. Bugatov, I.E. Mardanov. Izv. AN Azerb. SSR Ser. nauk o zem. no. 5:75-80 '66.

551.3(571)—Asiatic R. S. F. S. R.

Characteristics of the development of trap volcanism in the northwestern part of the Siberian Platform and mineralization connected with it. I. A. I. Pol'tin, I. U. I. Tomanovskaya. Uch. zap. NIIGA. Reg. geol. no. 8 16-28 '66.

Leonid Ivanovich Praseolov on the 90th anniversary of his birth. I. M. Osokin, A. I. Sizikov. Izv. Zabaik. otd. Geogr. ob-va SSSR. 1 no. 2 99-101 '65.

Spore-pollen spectra and stages of glaciation in connection with the problem of ridge forms of the relief and glacio-basque valleys of the northern part of Western and Central Siberia. A. P. Puminov. Uch. zap. NIIGA. Reg. geol. no. 8 147-158 '66.

551.3(571.12)—Tyumen' Province

Conditions of the formation of Upper Jurassic reservoirs in the Shalm region. L. D. Neumina. Trudy SNIIGGIMS no. 47, 106-114 '66.

Genetic significance of the granulometric composition of Jurassic and Neocomian reservoir rocks in the West Siberian Plain. T. I. Gurova. Trudy SNIIGGIMS no. 47, 65-74 '66.

Reservoirs in the Surgut arch and Iuzhno-Balyk uplift. G. V. Maslennikova. Trudy SNIIGGIMS no. 47, 98-105 '66.

551.3(571.51)—Krasnoyarsk Territory

New data on the source of materials of Upper Permian terrigenous sediments in the North region. I. U. G. Gor, I. I. Golubeva. Uch. zap. NIIGA. Reg. geol. no. 9 233-240 '66.

551.3(571.53)—Irkutsk Province

Permafrost and hydrogeological conditions of coal deposits in the northwestern part of the Irkutsk coal basin. I. A. I. Zarubinskiy. Mat. kom. po izuch. podzem. vod. Sib. i Dal'. Vest. no. 3 56-57 '67.

Rhythmostratigraphic and formation characteristics of the Oskovaya series of the Buzysa Valley of the Sayan Mountain region. Ch. B. Borukacv. Geol. i geofiz. no. 7, 3-14. JI '67.

551.3(571.56)—Yakut A. S. S. R.

New data on pegmatites containing andradite of the Aldan Shield. G. M. Beliaev. Dokl. AN SSSR. 177 no. 6 1434-1437 D '67.

Permafrost and hydrogeological conditions and prospects for the utilization of thermal waters of the Yakutia artesian basin. I. S. I. Iomogov. Mat. kom. po izuch. podzem. vod. Sib. i Dal'. Vest. no. 3 58-59 '67.

Textural characteristics of terrigenous sediments of the Siman complex of the northwestern slope of the Anabai anticline. L. P. Beliaev. Uch. zap. NIIGA. Reg. geol. no. 9 95-111 '66.

551.3(571.61)—Amur Province

Regime of frozen-over waters of the Kerak overglacial ice area and features of the development of the overglacial ice connected with it. E. A. Rumiantsev. Mat. kom. po izuch. podzem. vod. Sib. i Dal'. Vest. no. 3 40-56 '67.

551.3(575)—Central Asia

Marine Miocene sediments in Central Asia. L. S. Glikman, V. V. Ishchenko. Dokl. AN SSSR. 177 no. 3 662-665 N '67.

Radioliths in weathering surfaces of granitoids. V. V. Bukov, F. K. Podpolsina. Dokl. AN SSSR. 177 no. 3 691-694 N '67.

551.3(575.2)—Krylgiz S. S. R.

Glacial morphology of the upper Talas Valley in the light of the variation of general moistening. F. V. Maksimov. Uch. zap. Ped. inst. Gerts. 289, 66-79 '66.

551.4 GEOMORPHOLOGY

Acoustical methods of oceanic research. I. B. Andreeva. Vest. AN SSSR. 37 no. 12 36-40 D '67.

Behavior of organic matter of underground waters in infiltrated epigenesis. A. I. Gormanov, V. M. Panteleev. Izv. AN SSSR. Ser. geol. no. 12 113-120 D '67.

Development of pediments. V. V. Nikol'skaya, D. A. Timofeev, V. P. Chichagov. Zemlevedenie. 7 80-97 '67.

Hydraulic and channel calculations of bridge crossing based on hydrographs. L. G. Bogam. Avi. doi. 30 no. 8 23-24 Ag '67.

Induction study of landforms as one of the trends in modern geography. S. V. Viktorov. Zemlevedenie. 7 235-244 '67.

Methodology of the simultaneous quantity spectrochemical determination of heavy metals in natural waters. M. A. Sadirov, A. F. Khakhalina. Uch. zap. NIIGA. Reg. geol. no. 8 123-127 '66.

Practice in the genetic systematization of relief. A. I. Spiridonov. Zemlevedenie. 7 33-53 '67.

Some results of experimental tests of turbulent inhomogeneities in the sea. N. K. Shetkovnikov. Vest. Mosk. un. Ser. 3 Fiz., astron. 22 no. 6 118-120 N-D '67.

Some results of the study of turbulent mixing of water masses. S. G. Rustamov, B. S. Shetman. Dokl. AN Azerb. SSR. 23 no. 7 52-56 '67.

Subdivision of landform sphere of the earth in series and classes of landforms. F. N. Mil'kov. Zemlevedenie. 7 9-16 '67.

Terminology of basic concepts in swamp research, from the work of the Commission on Swamps of the All-Union Botanical Society. A. A. Nitsenko. Bot. zhur. 52 no. 11, 1692-1695 N '67.

[Topography of the earth and mathematics] Rel'ef Zemli i matematika. Sbornik statei. Moskva, "Mysl'", 1967. 116 p.

Using results of the determination of the morphological properties of rocks for the study of cross sections of boreholes. G. M. Subharev, S. P. Vlasova, I. U. K. Tairukha. Dokl. AN SSSR. 177 no. 3 688-690 N '67.

551.4(234)—Mountains of Europe

V. N. Tatishchev, first explorer of nature of the Ural. N. P. Arkhipova. Zemlevedenie. 7 274-287 '67.

551.4(265)—Lakes, ponds, etc.

Geographical classification of lakes. L. P. Shubaev. Uch. zap. Ped. inst. Gerts. 289, 36-45 '66.

551.4(47)—Union of Soviet Socialist Republics (U.S.S.R.)

Features of the distribution of helium in underground waters of the Russian Platform. A. N. Voronov. Izv. AN SSSR. Ser. geol. no. 12 127-132 D '67.

551.4(470)—European U.S.S.R.

Formation of relief and grounds of the shoals of the expanded part of Volga reaches in Rybinsk Reservoir. V. P. Kurdin. Trudy Inst. biol. vnut. vod. no. 7 112-118 '65.

551.4(471.311)—Moscow Province

Zharov, V. [The land of pearls] Krai zhemchuzhyn. Moskva, "Mosk. rabochi", 1967. 111 p.

551.4(471.317)—Kostroma Province

History of the development of the relief of the Uzhzh-Kostroma interfluv. S. I. Gol'ts. Zemlevedenie. 7 54-69 '67.

551.4(477)—Ukrainian S. S. R.

Confining strata of Devonian sediments in the Lvov Paleozoic Trough in connection with prospects for oil and gas occurrences. S. P. Vitrik, V. A. Kotlyk, V. M. Shchepak, Neft. i gaz. prom. no. 4, 3-7. JI-Ag '67.

551.4(470.24)—Azerbaijan S. S. R.

Development of geomorphological research in Azerbaijan. M. A. Abbasov and others. Izv. AN Azerb. SSR. Ser. nauk o zem. no. 3/4 222-238 '67.

Development of knowledge on landform zones of Azerbaijan. B. A. Budagov, A. N. Asadov, A. A. Aliev. Izv. AN Azerb. SSR. Ser. nauk o zem. no. 3/4 239-245 '67.

Development of paleontological and stratigraphic studies in Azerbaijan. K. A. Alizade. Izv. AN Azerb. SSR. Ser. nauk o zem. no. 3/4 78-80 '67.

Development of studies in the field of hydrology in Azerbaijan. S. G. Rustamov, Kh. D. Zamanov, R. B. Tarverdiev. Izv. AN Azerb. SSR. Ser. nauk o zem. no. 3/4 246-254 '67.

General geomorphological conditions of the Talachay basin, mudflow on August 19, 1964. B. A. Bugatov, I. E. Mardanov. Izv. AN Azerb. SSR. Ser. nauk o zem. no. 5 75-80 '66.

551.4(480)—Denmark

Physiogeographical regionalization of Denmark. L. R. Seebrianniy. Zemlevedenie. 7 17-25 '67.

551.4(571)—Asiatic R. S. F. S. R.

Hydrogeochemical indications of potassium potential in the Kan-Taseeva Depression. N. N. Shuranova. Mat. kom. po izuch. podzem. vod. Sib. i Dal'. Vest. no. 3 122-133 '67.

[Problems of geography and biology; studies of the Departments of the Faculty of Natural History and Geography] Voprosy geografii i biologii, uchenye zapiski kafedr. Estestvenno-geograficheskogo fakul'teta. Chita, 1966. 209 p.

Relief of the folded basement of the western and central part of the Siberian Platform, based on data of aeromagnetic surveying. N. N. Mikhailov, I. A. I. Pol'tin, I. U. N. Shakhov. Uch. zap. NIIGA. Reg. geol. no. 8 7-15 '66.

Waters containing radon from zones of tectonic disturbances in Transbaikalia. L. L. Bogdanova, V. G. Iasikov. Mat. kom. po izuch. podzem. vod. Sib. i Dal'. Vest. no. 1 105-113 '67.

551.4(575.1)—Uzbek S. S. R.

Hydrogeochemistry of the Khandza ore zone. B. B. Adylov. Uzb. geol. zhur. 11 no. 5 51-54 '67.

Using natural radioactive and stable isotopes for exploration of conditions governing the formation of mineral waters, as revealed by a study made in the Tashkent artesian basin. V. S. Brozgunov, A. N. Sultankhodzhaev, V. G. Tyminskiy. Uzb. geol. zhur. 11 no. 5 61-68 '67.

551.4(7)—North America

Physiogeographical regionalization of North America. G. A. Belosel'skaya. Zemlevedenie. 7 25-32 '67.

551.43 MOUNTAINS, TERRACES, VALLEYS. Altitudinal ranges of species areas of mountains. V. S. Govorukhin. Zemlevedenie. 7 257-262 '67.

551.44 CAVES, UNDERGROUND RIVERS, ETC. KARST TOPOGRAPHY. Distribution of karst phenomena on the earth and of their typology. N. A. Gvozdet'skiy. Zemlevedenie. 7 98-127 '67.

Origin of slope platforms and scoria inside karst. V. S. Lukin. Zemlevedenie. 7 212-211 '67.

Problems of modern speleology. A. G. Chukhlov. Zemlevedenie. 7 162-211 '67.

551.44(234)—Mountains of Europe

Regionalization of underground karst forms of the Caucasus. A. G. Chukhlov. Zemlevedenie. 7 123-141 '67.

551.44(477)—Ukrainian S. S. R.

The Ozernaya cave. V. A. Radzhevskiy. Zemlevedenie. 7 157-161 '67.

551.44(479)—Caucasus and Transcaucasia

Geomorphological dating of the Azykh cave site. Paleolithic man. N. Sh. Shiriinov. Izv. AN Azerb. SSR. Ser. nauk o zem. no. 5 67-74 '66.

Karst of the Malka and Guedelon interfluv. (Caucasus). N. A. Gvozdet'skiy. Zemlevedenie. 7 156 '67.

551.45 PLAINS, PRAIRIES, STEPPES, DESERT

Hydrogenous ecological series of vegetation in the areas. E. A. Vostokova. Zemlevedenie. 7 218 '67.

Nilsonko, A. A. [Concise course in the study of the Krailik kurs bolotovedeniya. Moskva, "Vysshaya shkola", 1967. 147 p.

551.45(471.53)—Perm Province

Some observations on floristic characteristics of communities of the Kuntur forest steppe. A. G. Voronov. Zemlevedenie. 7 263-271 '67.

551.45(510.3)—Mongolian People's Republic

Depression of Lake Khubsugul (Hobogol) in Mongolia. N. A. Marinov. Mat. kom. po izuch. podzem. vod. Sib. i Dal'. Vest. no. 3 186-186 '67.

551.46 OCEANOGRAPHY. SUBMARINE TOPOGRAPHY

Geological studies in the period of the Soviet Oceanographic Expedition. B. P. Zverev. Uch. zap. Ped. inst. Gerts. 289, 55-68 '66.

A half century of studying seas and oceans. A. I. Ikonnik. Moi. sbor. 50 no. 7 42-50 N '67.

Hydrodynamics, heat exchange and operational investigation of high-vacuum evaporator. V. I. Fedotkin and others. Ryb. khoz. 44 no. 1 25-30 '66.

Influence of salinity upon the strength of ice. G. S. Panin. Vest. Mosk. un. Ser. 5 Geogr. 22 no. 5 11-14 S-O '67.

Marine hydrologic forecasts. I. U. V. Malashin, A. I. Karakash. Okeanologiya. 7 no. 6 911-914 N '67.

New data on average annual water temperatures along the meridian in 1922-1944. G. N. Zaitsev. Izv. AN Azerb. SSR. Ser. nauk o zem. no. 3 186-186 '67.

Oceanographic Data Center. I. U. I. Beliaev, B. I. Filippov. Okeanologiya. 7 no. 6 112-113 N '67.

Solution of the problem of the determination of the dates of the place of tsunami originations on the basis of a wave recording on three special tide gauges. V. A. Kurlakin. Okeanologiya. 7 no. 6 110-113 N '67.

Some principles of the methodology of short range forecasts of the distribution of ice. A. I. Zaitsev, I. Gorbunov. Probl. Arkt. i Antarkt. no. 27 14-15 '67.

Studies of cryotectonics of sea ice for purposes of glaciology and geology. N. A. Volkov. Uch. zap. Ped. inst. Gerts. 289, 11-14 '67.

Temporary variations of some characteristics of the atmospheric layer near the water surface. V. I. Byshev. Okeanologiya. 7 no. 6 957-972 N '67.

Using methods of the disintegration of sea ice. Peschanskiy. Probl. Arkt. i Antarkt. no. 27 14-15 '67.

Vaisman, G. M. [Automation and telemechanics in oceanology] Avtomatika i telemekhanika v morskoy tekhnike. Leningrad, Gidrometizdat, 1967. 228 p.

Vinogradov, A. P. [Introduction to the geochemistry of the ocean] Vvedenie v geokhimiya okeana. Moskva, Nauka, 1967. 215 p.

Waves and turbulency in the surface layers of the sea. V. V. Navrotsky. Okeanologiya. 7 no. 6 971-972 N '67.

- 551.48(211)—Cold frigid regions
 E levelled surface of the ocean and the circulation of waters in the polar zones of the earth. I. V. Maksimov. Probl. Arkt. i Antarkt. no. 27 189-193 '67.
- 551.48(261)—Atlantic Ocean
 Semiannual oscillations of the mean sea level in the Atlantic Ocean and their causes. V. P. Karlin. Okeanologiya 7 no. 6 987-996 N-D '67.
 Some characteristics of the formation of the minimum oxygen layer in the northern part of the Atlantic Ocean. V. A. Bubnov. Okeanologiya 7 no. 6 997-1001 N-D '67.
- 551.48(262.5)—Black Sea
 [Hydrophysical and hydrochemical studies in the Black Sea] Gidrofizicheskie i gidrokhimicheskie issledovaniya v Chernom more. Moskva, "Nauka," 1987. 72 p.
- 551.48(262.8)—Caspian Sea
 Development of studies of the Caspian Sea. K. K. Gusev, T. I. Fan, Ivan. AN Azerb. SSR, Ser. nauk o zem., no. 3/4 255-264 '67.
 Tectonics of the Apsheron Ridge. I. A. Ailiev. Izv. vys. ucheb. zav. i inst. i gaz. 10 no. 6 111-12 '67.
- 551.48(268)—Arctic Ocean
 Geographical names for the main parts of the bottom relief of the Arctic basin. A. F. Tselimnikov and others. Probl. Arkt. i Antarkt. no. 27 5-15 '67.
 Methodology for long-range ice forecasts for Arctic seas and the ways of its development. A. A. Khrilov. Probl. Arkt. i Antarkt. no. 27 65-73 '67.
 Oceanography in the service of navigation in the Arctic. N. V. Mustafin. Probl. Arkt. i Antarkt. no. 27 16-31 '67.
- 551.48(269)—Antarctic Ocean
 Heat exchange of the Southern Ocean with the atmosphere. A. F. Tselimnikov, A. O. Shpakher, B. V. Gindiyah. Probl. Arkt. i Antarkt. no. 27 35-47 '67.
- 551.48 SURFACE WATERS
- 551.48(282.25)—Asian rivers
 Studying the hydrological regime of the estuary portions of Siberian rivers. V. S. Antonov. Probl. Arkt. i Antarkt. no. 27 40-54 '67.
- 551.48(470)—European U. S. S. R.
 Synchronous hydrological surveys in Rybinsk Reservoir. N. V. Butorin. Trudy Inst. biol. vnut. vod. no. 7 24-28 '65.
- 551.48(571)—Asiatic R. S. F. S. R.
 Ice-covered parts of Siberian mountain regions as the sources of the accumulation of water. I. A. K. Baishakov. Izv. Zabaik. old Geog. ob-va SSSR 1 no. 2 3-12 '65.
- 551.48(571.01)—Amur Province
 Regime of frozen-over waters of the Kerak overlaid ice area and features of the development of the overlaid ice connected with it. E. A. Rumiantsev. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 40-50 '67.
- 551.48(574)—Kazakh S. S. R.
 Vinogradov, I. U. B. [Problems of the hydrology of rain floods in small drainage basins of Central Asia and southern Kazakhstan] Voprosy gidrologii dozhdevykh pavodkov na mal'kikh vodosborakh Srednei Azii i Uzhnogo Kazakhstana. Leningrad, Gidrometeorologicheskoe Izd-vo, 1987. 281 p. (Alma-Ata, Kazakhskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy, no. 28).
- 551.48(575)—Central Asia
 Vinogradov, I. U. B. [Problems of the hydrology of rain floods in small drainage basins of Central Asia and southern Kazakhstan] Voprosy gidrologii dozhdevykh pavodkov na mal'kikh vodosborakh Srednei Azii i Uzhnogo Kazakhstana. Leningrad, Gidrometeorologicheskoe Izd-vo, 1987. 281 p. (Alma-Ata, Kazakhskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy, no. 28).
- 551.48 UNDERGROUND WATERS
- Dependence of the thermal conductivity of water-saturated rocks on the pressure and temperature. E. M. Baimov. Azerb. neft. khov. 44 no. 9 29-30 S '65.
- Dubrovskii, V. V. [Study of underground waters for water supply of power plants; methodological manual] Ispytaniya podzemnykh vod dlia vodosnabzheniya energeticheskikh ob'ektov; metodicheskoe posobie. Izd. 2-o, pererabot. i dop. Moskva, "Energiya," 1987. 196 p.
- Graphic analysis of parameters of turbulent-laminated inflow of underground waters to incomplete artesian wells. B. V. Irnizayov. Uzb. geol. zhur. 10 no. 4 83-88 '66.
- Some results of the experimental structural and geomorphological studies carried out in the Hydrological Laboratory of Moscow University, based on the example of the Sedel'sk structure of the Timan-Pechora region. L. G. Nikiforov, G. S. Samoilova. Vest. Mosk. un. Ser. 5 Geog. 22 no. 5 114-118 S-O '67.
- 551.49(477)—Ukrainian S. S. R.
 Distribution and chemism of Khar'kov underground waters in the north-eastern part of the Dnieper-Donets Lowland. H. M. Nehoda. Geol. zhur. 26 no. 5 86-89 '66.
 Seepage of industrial sewage in underground waters. O. N. Vlasovskiy. Geol. zhur. 26 no. 5 89-91 '66.
 Underground waters of the Ukraine. I. O. Misitskiy. Geol. zhur. 26 no. 5 65-69 '66.
- 551.49(479.24)—Azerbaijan S. S. R.
 Development of the knowledge of the features of the formation and distribution of underground waters of Azerbaijan. D. M. Shukmanov, A. A. Musayev, M. M. Mamedov. Izv. AN Azerb. SSR Ser. nauk o zem. no. 3/4 145-150 '67.
 Formation of waters in the lower division of the Balakhán stage in the Neftyan'ye Kamni and Cheleken oil fields. B. S. Moldavskii, M. F. Molchanov. Dokl. AN Azerb. SSR 23 no. 7 44-47 '67.
- 551.49(571)—Asiatic R. S. F. S. R.
 Chemical composition of underground waters of one of the rare metal deposits of eastern Transbaikalia. A. V. Seichevskaya. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 142-149 '67.
 Hydrogeothermal regionalization of the Amur Valley. N. M. Bogatkov. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 69-80 '67.
 Prospects for finding oil and gas in the southern part of the Siberian Platform according to hydrogeological indices. E. V. Pinkevich. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 150-165 '67.
 Regional evaluation of natural resources and exploitation reserves of underground waters of the mountain regions of Siberia and the Far East. B. I. Pisan'skii. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 182-186 '67.
 Relation of mineral springs in Transbaikalia to tectonic faults. N. S. Bogomolov. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 86-108 '67.
- 551.49(571.53)—Irkutsk Province
 Ouguren mineral waters and therapeutic muds (western shore of Lake Baikal). E. V. Pinkevich, M. N. Shurnova. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 84-86 '67.
 Permafrost and hydrogeological conditions of coal deposits in the northwestern part of the Irkutsk coal basin. I. A. I. Zarubinskii. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 50-57 '67.
 Regime of underground waters of Irkutsk. V. A. Mal'kii. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 175-181 '67.
- 551.49(571.56)—Yakut A. S. S. R.
 Permafrost and hydrogeological conditions and prospects for the utilization of thermal waters of the Yakutia tectonic basin. I. S. Lomonosov. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 58-69 '67.
- 551.49(571.61)—Amur Province
 Hydrogeological regionalization of Khabarovsk Territory and Amur Province. K. P. Karavanov. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 165-175 '67.
- 551.49(571.62)—Khabarovsk Territory
 Bureya intermontane artesian basin. I. B. Raikhlid. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 11-121 '67.
 Hydrogeological regionalization of Khabarovsk Territory and Amur Province. K. P. Karavanov. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 165-175 '67.
- 551.49(571.66)—Kamchatka Province
 Classification of thermomineral springs of Kamchatka. Z. B. Dekusar. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 80-84 '67.
- 551.49(575)—Central Asia
 Hydrogeological zonality of hydrostatic systems as an ore-forming factor in cover formations of Central Asia. A. I. Popov, R. I. Gol'dshteyn. Dokl. AN SSSR 176 no. 6 1382-1384 O '67.
- 551.49(575.1)—Uzbek S. S. R.
 Genesis of fresh artesian waters of the Sharabad alluvial fan. R. P. Kim, S. Sh. Mirzaev. Uzb. geol. zhur. 11 no. 6 82-85 '67.
 Khodzhibayev, N. N., and D. U. Miraliev. [Underground waters of the Kyzyl Kum] Podzemnye vody Kyzyl-Kumov. Tashkent, "Uzbekistan," 1987. 31 p.
- 551.49(58)—Arctic and North Polar regions
 Belt of artesian basins of the Arctic. N. I. Tol'stkhin. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 17-23 '67.
- Effect of underground waters on the deep cooling of the upper zone of the earth's crust. P. I. Melnikov. Mat. Kom. po izuch. podzem. vod. Sib. i Dal'. Vost. no. 3 24-29 '67.
- 551.5 METEOROLOGY CLIMATOLOGY
- Accuracy of temperature normals of air. M. V. Zavarina. Trudy GGO no. 210 92-108 '67.
 Air currents over mountains. I. Gara. Kiy. rad. 18 no. 9 28-30 S '67.
 Air currents over mountains. Ladislav Gara. Kiy. rad. 18 no. 9 28-30 Ag '67.
 Air humidity in downstreams in clouds. B. Sh. Beritashvili. Trudy Zak NIGMI no. 21 45-55 '67.
- Borisov, A. A. [Climate of the U. S. S. R.] Klimaty SSSR. Izd. 3-o, dop. i pererabot. Moskva, "Prosvoshchenie," 1987. 294 p.
 Calculation of glaze-wind loads on high constructions. M. V. Zavarina, M. M. Boisenko. Trudy GGO no. 210 39-46 '67.
 Comparison of calculated and measured values of the total radiation coming in on the surface of a non-orientated cylinder. V. I. Krichagin, G. V. Tsitsenko. Trudy GGO no. 193 119-121 '67.
 Comparison of calculated and observed values of the radiation balance of oceans. L. A. Strokina. Trudy GGO no. 193 44-46 '67.
 Complex of devices for the microfilming and input of information in an electronic digital computer from a microfilm of punched cards. V. E. Zolotovskii. Trudy NIIAK no. 39 63-83 '67.
 Concerning the criticism of the law of zonality. A. M. Arkhangel'skiy. Uch. zap. Ped. inst. Gerts. 289 3-11 '66.
 Content and value of hydrometeorological information subjected to mechanical processing in the World Meteorological Center and regional centers of the U. S. S. R. K. T. Logvinov. Trudy NIIAK no. 39 3-14 '67.
 Dependence of vertical profiles of wind speed on temperature stratification. M. M. Boisenko. Trudy GGO no. 210 21-28 '67.
 Direct solar radiation coming in on building walls. Z. I. Pivovaiova. Trudy GGO no. 193 73-118 '67.
 Distribution of absorbed radiation on continents and oceans. V. V. Mukhenberg, L. A. Strokina. Trudy GGO no. 193 37-43 '67.
 Distribution of the weight of snow cover in the U. S. S. R. V. I. Lipovskaya. Trudy GGO no. 210 58-78 '67.
 Effect of the heat of phase transformations on the speed of diffusion processes in drop clouds. B. Sh. Beritashvili, I. U. A. Dovgalluk. Trudy Zak NIGMI no. 21 35-44 '67.
 Glaze-rime phenomena in the U. S. S. R. in the 1964-65 season. M. V. Zavarina, T. S. A. Shver. Trudy GGO no. 210 62-67 '67.
 A guarantee of accurate forecasts. K. M. Iankin. Grazhd. av. 24 no. 9 26-27 S '67.
 Qualities of wind in the lower layers of the atmosphere. M. M. Boisenko, V. G. Glukhov. Trudy GGO no. 210 123-136 '67.
 Ivanov, K. A. [Reading weather forecasts in English] Chiteno prognozov pogody na angliiskom yazyke. Moskva, "Transport," 1987. 54 p.
 Methodology for statistical generalization of airplane sounding data. I. S. Dubrovina. Trudy NIIAK no. 39 51-62 '67.
 Methodology for the evaluation of severe climate for the determination of working conditions of mechanisms and machines. L. E. Anapol'skaya, Z. M. Sokratilina. Trudy GGO no. 210 109-121 '67.
 Natural evaporation of a droplet apherie cloud in stable stratification of the atmosphere. G. Sh. Beritashvili. Trudy Zak NIGMI no. 21 3-18 '67.
 On cloud and fog droplets charged by diffusion. N. S. Shilekin. Dokl. AN SSSR. 176 no. 6 1288-1291 O '67.
 One of the possible methods for the calculation of maximum vertical shears of wind. G. I. A. Narovitskii, N. V. Kobysheva, M. E. Kaulina. Trudy NIIAK no. 39 86-102 '67.
 Practice in using a complex of computers and electronic calculating machines for the calculation of wind characteristics. I. G. Guterman, E. P. Zvereva. Trudy NIIAK no. 39 29-39 '67.
 Practice in using computers for the accumulation and statistical generalization of information on cloud cover obtained from meteorological satellites. V. I. A. Lobanova. Trudy NIIAK no. 39 43-50 '67.
 Preparation of materials of rocket sounding for mechanized processings. K. T. Logvinov. Trudy NIIAK no. 39 40-42 '67.
 Probability of dangerous overvoltages due to thunderstorms on the neutral of a transformer in a 110 kw network. Ch. M. Dzhuvarly, M. M. Muslimov. Izv. AN Azerb. SSR, Ser. fiz.-tekh. i mat. nauk no. 3/4 114-118 '67.
 Radiation balance of the surface of the human body under different climatic conditions of the U. S. S. R. G. V. Tsitsenko. Trudy GGO no. 193 122-129 '67.
 Recurrence of speeds and directions of wind in glaze-rime phenomena in the European part of the Soviet Union and in Western Siberia. T. S. A. Shver. Trudy GGO no. 210 29-38 '67.
 Regionalization of the territory of the U. S. S. R. according to snow transfer. V. M. Mikheev, A. V. Rudneva. Trudy GGO no. 210 79-91 '67.

- 551.5 (Continued)
- 551.5(471.54)—Sverdlovsk Province
Some characteristics of features of tropopause. Z. M. Makhov. Trudy NIAG no. 38 103-128 '67
- 551.5(479)—Caucasus and Transcaucasia
Some characteristics of heat balance in the region of the southern slope of the Zangezur Range. I. I. Borzenkova. Trudy GGO no. 193 47-52 '67
- 551.5(479.22)—Georgian S.S.R.
Electric state of the atmosphere and its relation to meteorological factors. I. R. Dvali. Trudy Zak NIGMI no. 21 83-128 '67
Simultaneous (combined) modification of warm and supercooled parts of a cloud with the purpose of preventing the fall of hail. I. T. Bartishvili and others. Trudy Zak NIGMI no. 21 56-82 '67
- 551.5(519.3)—Mongolian People's Republic
Reasons for the stability of the position of the Asiatic anticyclone center over Mongolia. Z. M. Makhov. Trudy NIAG no. 38 54-59 '67
- 551.5(571)—Asiatic R.S.F.S.R.
Climatic characteristics of winter in the mountain regions of the taiga in northern Transbaikalia and their significance for the designs and plans of industrial enterprises and the means of transport. E. G. Kolomyta. Izv. Zabaik. old Geog. ob-va SSSR 1 no. 2 13-24 '65
Some features of the radiation regime of the steppes of Western Siberia and Kazakhstan according to observation data. K. F. Zhukov. Trudy GGO no. 193 60-72 '67
The temperature cycles of snow-covered surface in Transbaikalia. I. M. Osokin. Izv. Zabaik. old Geog. ob-va SSSR 1 no. 2 69-72 '65
- 551.5(574)—Kazakh S.S.R.
Some features of the radiation regime of the steppes of Western Siberia and Kazakhstan according to observation data. K. F. Zhukov. Trudy GGO no. 193 60-72 '67
- 551.5(575)—Central Asia
Vegetation of the southern Pamirs and some characteristics of its moistening. V. K. Lukankova. Uch. zap. Ped. inst. Gerts., 289:66-79 '66
- 551.5(575.1)—Uzbek S.S.R.
Rhythm of stratification of Paleozoic sediments of the Sultanuzdag (western Uzbekistan). M. A. Akhmedzhanov, E. R. Bazarbaev. Uzb. geol. zhur. 11 no. 6:20-24 '67
Some characteristics of features of tropopause. Z. M. Makhov. Trudy NIAG no. 38 103-128 '67
- 551.5(575.2)—Kirghiz S.S.R.
Glacial morphology of the upper Talas Valley in the light of the variation of general moistening. Uch. zap. Ped. inst. Gerts., 289:66-79 '66
- 551.5(598)—Arctic and North Polar regions
Development of a method for meteorological forecasting for 3-4 days in the Arctic. L. A. Dydyina. Probl. Arkt. i Antarkt. no. 27 144-122 '67
Development of the method of specifying and detailing long-range meteorological forecasts for the Arctic. L. I. Rybakov. Probl. Arkt. i Antarkt. no. 27 123-133 '67
Meteorological and aerological studies in the Polar regions. I. M. Dolgin. Probl. Arkt. i Antarkt. no. 27 105-113 '67
- 551.5(599)—Antarctica. South Polar regions
Meteorological and aerological studies in the Polar regions. I. M. Dolgin. Probl. Arkt. i Antarkt. no. 27 105-113 '67
- 551.7 HISTORICAL GEOLOGY. STRATIGRAPHY
Circulation system for the measurement of radiogenic argon by the method of isotopic dilution. S. N. Voronovskii, A. S. Batyrmurzaev. Izv. AN SSSR, Ser. geol. no. 12 132-134 '67
Correlation of Paleogene sediments of Fergana based on data of spectral analysis. Sh. Kh. Amirkhanov, Sh. G. Saidkhodzhaev. Uzb. geol. zhur. 10 no. 4 92-93 '66
Correlation of the Pliocene of the Black Sea and Caspian Sea basins in connection with the discovery of the Akchagyl mollusk fauna in Kuyalik sediments in the northern part of the region of the Sea of Azov. V. M. Semenenko. Geol. zhur. 26 no. 5 99-100 '66
Early Quaternary mammals of the northeastern part of the U.S.S.R. and the problem of continental relationships between Asia and America. A. V. Sner. Dokl. AN SSSR 177 no. 6 1430-1433 '67
Lithopaleontological study of Visayan-Namur sediments of the Moscow syncline. A. I. Osipova, T. N. Beiskaya, L. I. pol. iskop. no. 5:118-142 S-O '67
- 551.7(234)—Mountains of Europe
Boundary between the Tournai and Viscon stages in the Urals based on coral fauna. D. D. Degliarov. Izv. vuz. ucheb. zav.; geol. i inzh. 10 no. 9:15-20 '67
Stage division of Permian sediments of the Caucasus. A. A. Belov. Izv. AN SSSR, Ser. geol. no. 17 21-5 '67
- 551.7(235)—Mountains of Asia
Pre-Cambrian stratigraphy of the Baitalskaya Range (Eastern Sayan). V. M. Piroshchikov. Geol. i geofiz. no. 7:70-75 '67
Scheme of the division of Pliocene molasses in the Central and Gissar-Khet-Dag. Vest. Muz. u. Ser. Geologia 22 no. 6 52-56 N-D '67
- 551.7(261.3)—Baltic Sea, with Gulfs
Diatom and spore-pollen analyses of the samples of bottom sediments of the Gdansk Trough of the Baltic. N. N. Davydova and others. Dokl. AN SSSR 177 no. 6 1415-1418 '67
- 551.7(471.11)—Archangel Province
New data on the family Ucinulidae from the Lower Devonian sediments of Novaya Zemlya. S. V. Cherkasova. Uch. zap. Kazan. Paleont. i biol. no. 18 5-23 '67
- 551.7(471.6)—Northern Caucasus
Volcanoclastic rocks of the Upper Cretaceous in the Crimean plain and the Kerch Peninsula. V. G. Denisenko, M. I. A. Apostolova, M. S. Shapovalov. Izv. AN SSSR, Ser. geol. no. 12 123-127 '67
- 551.7(477)—Ukrainian S.S.R.
Lower Paleozoic formations of Velikoye Blakovo. P. D. Bukatchuk, D. O. Lykina. Dop. AN URSR 541 11-29 no. 10 803-805 '67
Novoraykaya series and the position of the hour-lens between the Triassic and Permian in the Donets Basin. V. H. Konashov. Geol. zhur. 26 no. 1 84-93 '66
Problem of oil and gas occurrences in the subarctic Devonian of the Ukraine. V. M. Zaytsev, G. I. Cherkasova. Neft. i gaz, prom. no. 5:7-9 '67
Prospecting for buried structures in the marginal areas of the Donets-Gabai in Paleozoic sediments. B. P. Kobyshev, G. I. Kaledin. Neft. i gaz, prom. no. 5:11-15 '67
Upper Jurassic stratigraphy of the northwestern part of the Dnieper-Donets Lowland. V. M. Solov'yukh. Izv. AN URSR, Ser. B 29 no. 10:870-880 '67
Upper Paleocene facies in the eastern part of the Crimean plain and adjacent areas. A. M. Voloshyna. Dop. AN URSR, Ser. B 29 no. 10 806-807 '67
Veklich, M. F., and others. [Key geological sections of the Quaternary of the Ukraine]. Opornye geologicheskie razrezy antropogena Ukrainy. Kiev, "Nashaya dumka." Ch. 1. 1007 106 p
- 551.7(477.6)—Donets Basin
Screening value of clay strata in the upper part of the Moscow stage in the East Ukrainian gas and oil basins. S. V. Litvin. Neft. i gaz, prom. no. 6 40-44 '67
- 551.7(477.8)—Western Ukraine
Stratigraphic division of sediments in the eastern sector of the Yuzhno-Stryytskaya key borehole. I. S. Pukachova, O. F. Tkachenko. Geol. zhur. 26 no. 1 84-93 '66
- 551.7(479)—Caucasus and Transcaucasia
History of the Upper Cretaceous of the central zone of the southeastern subbasins of the Greater Caucasus. A. A. Korimov, T. I. Muradian, S. F. Suleimanova. Izv. vuz. uchob. zav.; neft. i gaz 10 no. 9:17-19 '67
Processes of contact metamorphism in the range of the ophiolite formation of the Shakhdag Range (Lesser Caucasus). R. K. Gasanov. Dokl. AN Azerb. SSR 23 no. 8:41-46 '67
- 551.7(479.224)—Abkhaz A.S.S.R.
Relationship between Apt and Alia sediments of western Abkhazia. L. V. Kvantaliani, E. I. Davdaliani. Soob. AN Gruz. SSR 48 no. 2 381-386 '67
- 551.7(479.225)—South Ossetian Autonomous Province
Data on the Quaternary glaciation of the Kharaulsk Range. G. V. Lomatidze. Soob. AN Gruz. SSR 48 no. 2 375-377 '67
- 551.7(479.24)—Azerbaijan S.S.R.
Determination of Miocene and Pliocene formations in the Shakhdag Range. G. I. Korimov, T. A. Gasanov. Izv. AN SSSR, Ser. geol. no. 12 97-106 '67
Lithofacies characteristics of Apscheron type sediments of the producing layer of the Baku Archipelago. A. A. Akubov, I. S. Mustafayev. Izv. AN Azerb. SSR, Ser. nauk o zem. no. 5 14-21 '66
- 551.5(215)—Hemispheres (Eastern, Western)
Practice in the mechanized processing of analogues of synoptic situations. G. V. Leonova. Trudy NIAG no. 38 25-35 '67
Some characteristics in the distribution of constituents and vortex in the thermal wind in the 500-1000 mb layer over the Northern Hemisphere. A. V. Solopov. Trudy NIAG no. 38 38-53 '67
Stability of the basic types of baric fields in the Northern Hemisphere. S. M. Prostakov. Trudy NIAG no. 38 3-24 '67
- 551.5(234)—Mountains of Europe
Characteristics of the distribution of precipitation in the Central and Southern Urals in connection with atmospheric circulation. A. S. Shteklov. Zemlevedenie 7 215-234 '67
- 551.5(235)—Mountains of Asia
Glaciers of the Choklo Massif in the Kunlun Alatau and their variation within the last century and many centuries before. E. V. Maksimov. Uch. zap. Ped. inst. Gerts., 289 80-95 '66
- 551.5(470)—European U.S.S.R.
Laplacian air density as an indication of atmospheric fronts and precipitation. S. S. Klucharev. Trudy NIAG no. 38 60-68 '67
Loss of atmospheric precipitation on the Russian Plain in the cold period of the year. A. M. Alpatov. Uch. zap. Ped. inst. Gerts., 289:28-35 '66
Some climatic characteristics of the cloud over at the 200 m. height and lower over the European part of the U.S.S.R. V. I. Titov. Trudy NIAG no. 38 69-84 '67
Some climatic characteristics of the range of horizontal visibility less than 1 km. V. I. Titov. Trudy NIAG no. 38 85-95 '67
- 551.5(471.11)—Archangel Province
Formation of the soil-vegetative cover in the forest zone on carbonate soils of different moistening in the upper Onega basin. E. I. A. Chernikhova. Uch. zap. Ped. inst. Gerts., 289:139-152 '66
- 551.5(471.25)—Pskov Province
Development of the processes of soil erosion in the southern regions in Pskov Province. A. N. Shershneva. Uch. zap. Ped. inst. Gerts., 289:113-129 '66
- 551.5(471.318)—Kaluga Province
Analysis of a case of intensive deposition of glaze on the cable of the Obninsk tower. T. S. A. Shver. Trudy GGO no. 210 57-61 '67

551.7(479.24) (Continued)

- Lithofacies characteristics of Lower Sarmatian sediments of adjacent sections of the Kura and Iori interfluve and the Adzhara region. A. D. Abiev, I. U. P. Bakhnov. Izv. AN Azerb. SSR Ser. nauk o zem. no. 5:8-11 '66.
- Lithostratigraphic and geochemical characteristics of Akhagyl' sediments of the eastern part of the Kura Lowland. F. S. Dzhabarova, Kh. M. Kubeva, Ad. A. Mirov. Izv. AN Azerb. SSR Ser. nauk o zem. no. 5:3-7 '66.
- New species of the Lagenidre family in the Jurassic sediments of northeastern Azerbaijan. M. M. Kasimova, Azerb. neft. khoz. 41 no. 9:15-17 '65.
- Magnetometric correlation of the sections of productive strata in the Apsheron Peninsula and in the Lower Kura Lowland. T. A. Ismailova, A. I. Aliev. Azerb. neft. khoz. 41 no. 9:11-13 '65.

551.7(479.243)—Nagorno-Karabakh Autonomous Province

- Ancient glaciation of the Karabakh volcanic upland. R. A. Kubeva. Izv. AN Azerb. SSR Ser. nauk o zem. no. 5:21-27 '66.
- Determining Lower Maasticht sediments in the Karabakh Upland (Lesser Caucasus). E. Sh. Shukhalbeili, O. G. Melikov. Dokl. AN Azerb. SSR 23 no. 7:40-43 '67.

551.7(481)—Norway

- Lower and Middle Triassic of Serkap Land of Spitsbergen. V. N. Sokolov, T. M. Pchelina. Dokl. AN SSSR 176 no. 6:1374-1377 O '67.

551.7(510.3)—Mongolian People's Republic

- Age of ore-bearing intrusions of tin and tungsten deposits in central and eastern Mongolia. A. D. Kalenov. Dokl. AN SSSR 176 no. 6:1370-1373 O '67.

551.7(57)—Siberian U.S.S.R.

- [Paleozoic stratigraphy of central Siberia]. Stratigrafita paleozoiya Srednei Sibiri. Novosibirsk, "Nauka," 1967 253 p.

551.7(571)—Siberian R.S.F.S.R.

- Condition of the formation of the B₀ productive layer in the Nizhne-Vartovskoye arch. E. G. Sorokina, L. S. Chernova. Trudy SNIIGGIMS no. 47:75-85 '66.
- Geochemical characteristics of dispersed and organic matter in Jurassic and Lower Cretaceous sediments in the northern part of the West Siberian Platform. A. S. Fomichev. Trudy SNIIGGIMS no. 47:198-204 '66.

- Graizer, M. I. [Lower Carboniferous sediments of the Syran-Alai fold area]. Nizhnekamennugol'nye otlozheniya Syrano-Alaiskoi skladchatoi oblasti. Moskva, "Nauka," 1967 147 p.

- High-molecular hydrocarbons in dispersed organic matter; as exemplified by Jurassic sediments in the West Siberian Platform. L. I. Bogorodskaya, A. F. Kontonovich, L. F. Lipitskaya. Trudy SNIIGGIMS no. 47:132-155 '66.
- Metamorphism of organic matter in Mesozoic sediments in the central part of the West Siberian Plain. P. A. Trushkov. Trudy SNIIGGIMS no. 47:156-166 '66.

- New data on Triassic sediments of the northeastern part of the Koryak Highland. I. S. Rozenblum. Uch. zap. NIIGA Reg. geol. no. 8:213-215 '66.

- Petrographic composition of Neocomian oil-bearing sediments in the Nizhne-Vartovskoye arch. V. V. Korotun, E. G. Sorokina. Trudy SNIIGGIMS no. 47:86-90 '66.

- Upper Miocene sediments of the western part of the Olutona Peninsula (Koryak Highland). G. K. Pichagina. V. P. I. Uch. zap. NIIGA Reg. geol. no. 8:215-218 '66.

- Zonal division of the Lower Cretaceous of the Northern Sosva basin according to Crinoid fossils. V. N. Saks, I. G. Klimova. Geol. i geofiz. no. 7:76-85 JI '67.

551.7(571.12)—Tyumen' Province

- Stratigraphy of Neocomian sediments in the Ob'-Irtysh interfluve. L. A. Trushkova. Trudy SNIIGGIMS no. 47:52-64 '65.

551.7(571.51)—Krasnoyarsk Territory

- New data on the stratigraphy of Upper coal-bearing sediments in the northeastern part of the Noril'sk Plateau. I. U. G. Gor and others. Uch. zap. NIIGA Paleont. i biost. no. 17:5-16 '67.

- Section of the cross section of Triassic sediments in the Noril'sk region. O. T. Glushnitskiy. Uch. zap. NIIGA Reg. geol. no. 9:247-250 '66.

- Permian complex of spores and pollen of the Noril'sk region and their significance for the comparison of sediments. A. F. Dibner. Uch. zap. NIIGA Paleont. i biost. no. 10:61-68 '67.

- Stratigraphic division of Upper Paleozoic sediments of the Tunguska series in the Noril'sk region. G. I. Kharchenko. Uch. zap. NIIGA Reg. geol. no. 9:112-132 '66.

- Stratigraphy of Pre-Cambrian and Cambrian formations of the Solonskiy Range (Kuznetsk Alatau). G. M. Ekhalin, L. M. Mikhailova. Geol. i geofiz. no. 7:159-162 JI '67.

551.7(571.511)—Taymyr National District

- New data on Foraminifera of the genus Elondothyracopsis from the Lower Carboniferous of eastern Taymyr. M. F. Solov'eva. Uch. zap. NIIGA Paleont. i biost. no. 18:24-37 '67.

551.7(571.56)—Yakut A.S.S.R.

- Age of traps of the Udzhia Highland. Z. V. Osipova, G. I. Poshnev. Uch. zap. NIIGA Reg. geol. no. 8:207-209 '66.

- Boundary of the Middle and Upper series of the Cambrian system in the Silgii basin (right bank of the Olonok River). V. I. A. Kabanov. Uch. zap. NIIGA Reg. geol. no. 9:57-77 '66.

- Characteristics of paleontological spectra from sediments of secondary terraces above the floodplain of the Ambar-Obleny interfluve. Uch. zap. NIIGA Paleont. i biost. no. 18:91-101 '67.

- Foraminifera of genera Marginulina and Marginulinopsis from Volga and Berezina sediments of the Khera basin (Khatanga Depression). V. A. Barov. Uch. zap. NIIGA Paleont. i biost. no. 18:38-90 '67.

- Interrelationship between Upper and Middle Cambrian sediments in the northeastern part of the Ambar Uplift. N. A. Borshchikova, N. P. Lavrenko. Uch. zap. NIIGA Reg. geol. no. 9:78-87 '66.

- More about the Chukot'skaya series and regional nonconformity in the occurrence of Upper Cambrian sediments. N. I. Gogina, B. N. Leonov, N. V. Pukhovskaya. Uch. zap. NIIGA Reg. geol. no. 9:88-91 '66.

- Two new species of trilobites from Maya sediments of northern Yakutia. L. A. Solov'eva. Uch. zap. NIIGA Paleont. i biost. no. 17:17-26 '67.

551.7(571.6)—Soviet Far East

- Neogene paleogeography of the southern part of the Soviet Far East. M. N. Afonina, V. S. Shcherbakov. Vest. Mosk. univ. Ser. 4 Geologiya 22 no. 6:15-51 N-D '67.

551.7(574)—Kazakh S.S.R.

- Absolute age of granitoids of central and southern Kazakhstan. A. I. Vanov. Izv. AN Kazakh SSR, Ser. geol. 24 no. 5:62-75 S-O '67.

- Cambrian paleogeography of eastern Kazakhstan. R. A. Borukov. Izv. AN Kazakh SSR, Ser. geol. 24 no. 5:17-35 S-O '67.

- Conditions governing the formation of the fold structure of the Proterozoic Maytubinsk anticlinorium (central Kazakhstan). V. S. Mileev. Vest. Mosk. univ. Ser. 1 Geologiya 22 no. 6:21-27 N-D '67.

551.7(575)—Central Asia

- Marine Miocene sediments in Central Asia. L. S. Glikman, V. V. Ischenko. Dokl. AN SSSR 177 no. 3:662-665 N '67.

551.7(575.1)—Uzbek S.S.R.

- Eocene gill and nodular phosphorites from the Northern Kyzylkum. T. K. Karzhanov, A. A. Koldnev. Uzb. geol. zhur. 11 no. 5:10-15 '67.

- New data on the age of the Kokpatauskaya series of the Bukantau (central Kazakhstan). M. A. Akhmedzhanov, E. R. Barzhanov. Uzb. geol. zhur. 11 no. 5:82 '67.

- Oil-producing series in Paleogene sediments of southern Uzbekistan. A. A. Akhmedzhanov, Kh. K. Kasimov. Uzb. geol. zhur. 11 no. 5:47-50 '67.

- Rhythm of stratification of Paleozoic sediments of the Sultanzadag (western Uzbekistan). M. A. Akhmedzhanov, E. R. Barzhanov. Uzb. geol. zhur. 11 no. 6:20-24 '67.

551.7(575.4)—Turkmen S.S.R.

- Akhagyl estuary of the ancient Aru Darya. M. I. Raevskiy. Izv. AN SSSR, Ser. geol. no. 12:107-112 D '67.

551.8 PALEOGEOGRAPHY

551.8(479.24)—Azerbaijan S.S.R.

- Correlation of cross sections and some problems of the paleogeography of the producing layer of the Middle Pliocene of Azerbaijan in the light of paleomagnetic studies. T. A. Ismailova, A. I. Aliev. Izv. AN Azerb. SSR, Ser. nauk o zem. no. 3/4:151-160 '67.

551.8(571.15)—Altai Territory

- Silurian paleogeography of the Altai and the Salair Range. V. M. Sennikov. Geol. i geofiz. no. 7:63-69 JI '67.

552 PETROLOGY, PETROGRAPHY

- Classification of sandstones. V. D. Shutov. Lit. i pol. iskop. no. 5:56-103 S-O '67.

- Dependence of the thermal conductivity of water-saturated rocks on the pressure and temperature. E. M. Bairamov. Azerb. neft. khoz. 44 no. 9:23-30 S '65.

- First find of high argentic ferrous freibergite in the U.S.S.R. D. A. Timofeevskiy. Dokl. AN SSSR 176 no. 6:1368-1369 O '67.

- Lithochemical characteristics of loess rocks of the Novo-grudskoye-Koelichskiy loess massif. K. I. Lukashev, I. A. Dobrovolskaya. Vest. AN SSSR Ser. khim. nav. no. 3:117-128 '67.

- Morphological characteristics of zircons as indirect indications for finding out the source material of clastic rocks. L. M. Dorofeev. Kon. i vol. min. no. 2:112-115 '67.

- Paravolcanic zonation in volcanic sedimentary ore deposits. I. V. Derbikov, I. U. A. Nuvar'eva. Dokl. AN SSSR 176 no. 6:1367-1369 O '67.

- Physical and mechanical properties of some rock types. M. Kh. Bakiev. Uzb. geol. zhur. 11 no. 6:76-81 '67.

- Role of oxygen in the process of alkali rock formation of the Ochotke Massif. V. I. Pynysenkov. Dop. AN URSR, Ser. B 29 no. 10:868-871 O '67.

- Sergeev, A. S. [Fenites of the ultrabasic and alkali rock complex]. Fenitny kompleks ul'traosnovnykh i shchelochnykh porod. [Leningrad] Izd. Leningr. un-ta, 1967 162 p.

- Some characteristics of the formation of ultra- and micropores in rocks and minerals in hydrothermal metasomatism. V. S. Shur, N. T. Ef'kina. Geol. i geofiz. no. 7:15-21 JI '67.

- Tantalum-niobium mineralization in calciferous skarns. V. S. Kudrin, M. A. Kudrina, N. V. Moteeva. Dokl. AN SSSR 177 no. 2:430-432 N '67.

- Vdov'ykin, G. P. [Carbonaceous substance of meteorites. (Organic compounds, diamonds, graphite). Ugleodistoe veshchestvo meteoritov. (Organic compounds, almas, grafit). Moskva, "Nauka," 1967 271 p.

552(234)—Mountains of Europe

- Basic characteristics of the formation of the Borsukay alkali intrusion. I. U. A. Burmin, E. P. Shiral. Izv. AN SSSR, Ser. geol. no. 12:35-12 D '67.

- Isotopic composition of carbon in carbonaceous substance of the Khibiny alkali massif. R. D. Zerkov, V. S. Labedev, T. D. Syngavskiy. Dokl. AN SSSR 177 no. 2:136-138 N '67.

- Mineral association of granulite facies in gneisses of the Ural. V. A. Grachev, G. A. Kell'man. Dokl. AN SSSR 177 no. 6:1438-1441 D '67.

552(235)—Mountains of Asia

- Contact metamorphism near the Khaitovo gabbro massif. Temperatures, metamorphism, distribution of isograds, depth of the formation of massifs. V. V. Revvedato. Geol. i geofiz. no. 7:25-32 JI '67.

- Crystalline rocks of sedimentary origin in Upper Devonian sediments of the Chitka basin (Western Tien Shan). M. D. Tironov. Uzb. geol. zhur. 10 no. 1:3-10 '66.

- High alumina granites of the Chakhar Mountains and metamorphism connected with them. V. C. Golovin. Uzb. geol. zhur. 10 no. 1:13-20 '66.

- Permian small intrusions of the Almaty region. V. I. Aizenshtat. Uzb. geol. zhur. 10 no. 4:31-42 '66.

- Western Sayan Lower Cambrian complex of small intrusions. S. S. Kurnev. Geol. i geofiz. no. 7:56-62 JI '67.

552(287)—Indian Ocean

- Lithology of bottom sediments of the Indian Ocean. I. U. II. Chugunnyi. Dop. AN URSR Ser. B 29 no. 10:889-892 O '67.

552(202.25)—Asian rivers

- Nature of gneisses of the Omolon Massif, as revealed by a study made in the Abakits intrusive. V. M. Shevchenko. Geol. i geofiz. no. 7:51-55 JI '67.

552(470)—European U.S.S.R.

- New data on "Ratinsk" limestone containing sulfur in the southwestern part of the Russian Platform. H. V. Kuznetsov. Geol. zhur. 26 no. 4:79-84 '66.

552(471.311)—Moscow Province

- Igneous activity in Paleozoic sediments in the northern part of the Moscow syncline. N. S. Il'ina, T. D. Ivanova, D. L. Frukht. Dokl. AN SSSR 177 no. 2:404-407 N '67.

552(471.323)—Kursk Province

- Littoral bauxites in the Belgorod region of the Kursk Magnetic Anomaly. S. T. Akemov, N. P. Khochainov. Dokl. AN SSSR 177 no. 2:433-435 N '67.

552(471.52)—Bashkir A.S.S.R.

- Some differences in the epigenetic transformation of rocks in the water- and oil-bearing parts of the Dy layer (Pashlya horizon) of the Shkarpovo field. O. G. Zaripov. Izv. vuz. ucheb. zav. i. neft. i gaz. 10 no. 10:5-7 '67.

552(476)—White Russian S.S.R.

- Relationship between gypsum and sulfur in Miocene sulfate sediments of the Dnieper Valley. B. I. Srebiul'skiy. Izv. AN SSSR, Ser. geol. no. 12:134-138 D '67.

552(477)—Ukrainian S.S.R.

- Anatocite leucodiorite in the Archean of the western part of the region of the Sea of Azov. K. U. IEypchuk. Geol. zhur. 26 no. 4:67-75 '66.

- Chemogenic sediments in Lower Carboniferous formations in the northern margin of the Donets Basin. P. I. Zolotareva, G. P. Kozak, S. A. Tkhorzhvskiy. Dokl. AN SSSR 177 no. 2:401-403 N '67.

- Clay minerals of Carboniferous sediments of the Dnieper-Donets Lowland. G. V. Karpova, A. E. Lukin. Lit. i pol. iskop. no. 5:104-117 S-O '67.

- Kuz'min, V. I.** [Geometrization and calculation of reserves of solid mineral deposits] Geometriizatsiya i podschet zapasov mestorozhdenii tverdykh poleznykh iskopayemykh Moskva, "Nedra," 1967. 242 p
- Localization of ore shoots in the hanging wall of transverse preore faults.** E. M. Nekrasov. Izv. vys. ucheb. zav., geol. i razv. 10 no. 9-63-70 '67.
- Methodology for compiling mean assays of several layers (sections) from fractions of sieving and calculation of the mean content of its fractions.** I. A. Rozenfeld. Izv. vys. ucheb. zav., geol. i razv. 10 no. 9-63-70 '67.
- Ore resources of iron metallurgy.** M. M. Dobrokhoto. Geol. zhur. 26 no. 5-42-46 '66.
- Paravolcanic zonation in volcanic sedimentary ore deposits.** I. V. Derbikov, I. A. Navai'eva. Dokl. AN SSSR 176 no. 6-1367-1369 O '67.
- Phase composition of the products of interaction of sodium carbonate with modified chloasma-containing igneities.** N. Sh. Safullin, I. K. Bellaev. Zhur. prikl. khim. 40 no. 9-1028-1931 S '67.
- Problems of the theory of ore formation and prospects for finding deposits.** I. A. M. Bielevitsv. Geol. zhur. 26 no. 5-46-50 '66.
- Progress in the study of principal sedimentary minerals in the U.S.S.R.] Uspehi v izuchenii glavnykh osadochnykh poleznykh iskopayemykh v SSSR** Moskva, "Nauka," 1967. 290 p
- Sintering of manganese flotation concentrate of the Gushcheva Ore Dressing Plant, and composition of the sinters.** I. A. Drobilov, O. F. Korotkova, L. P. Turchina. Stal' 27 no. 12-1068-1070 D '67.
- Some characteristics of the formation of ultra- and microporites in rocks and minerals in hydrothermal metasomatism.** A. S. Shur, N. T. El'kina. Geol. i geofiz. 7 no. 15-24 J1 '67.
- Surface electric conductivity of mica.** M. S. Kosman, R. Kh. Kalimullin. Izv. AN SSSR Ser. fiz. 31 no. 11-1902-1904 N '67.
- Thermal decomposition of magnesium borates.** N. A. Fubova, L. G. Berg, P. F. Rza-Zade. Dokl. AN Azerb. SSR 23 no. 7-24-36 '67.
- Using the method of discriminant functions in the separation of related composition.** I. G. Pavlova, Z. V. Agukina. Dokl. AN SSSR 177 no. 6-1142-1144 D '67.
- Using the statistical theory of homogeneity for studying the zonation of ore bodies.** I. A. Nezhenskii. Dokl. AN SSSR 177 no. 4-439-441 N '67.
- 553(234)—Mountains of Europe**
- Isotopic composition of carbon in carbonaceous substance of the Khibiny alkali massif.** R. B. Zerin, V. S. Lebedev, E. D. Syngayevskii. Dokl. AN SSSR 177 no. 2-436-138 N '67.
- 553(235)—Mountains of Asia**
- East and present of Rudnyi Altai.** L. S. Getakin, S. N. Gerasimov. Tsvet. met. 10 no. 10-110-122 O '67.
- Role of metasomatic processes in the formation of fluorite veins in the southern Gissar and Karatagin Ranges (southern Tien Shan).** A. Kh. Khasanov, A. R. Fozilov. Izv. vys. ucheb. zav., geol. i razv. 10 no. 9-42-50 '67.
- 553(471.55)—Chelyabinsk Province**
- Correlation of coal-bearing sediments of the Chelyabinsk Basin based on the composition of coals.** V. A. Kufazev, I. A. M. Chernousov. Izv. vys. ucheb. zav., geol. i razv. 10 no. 9-71-77 '67.
- 553(476)—White Russian S. S. R.**
- Relationship between gypsum and sulfur in Miocene sulfate sediments of the Dnieper Valley.** B. I. St. Chodol'skii. Izv. AN SSSR, Ser. geol. no. 12-134-138 D '67.
- 553(477)—Ukrainian S. S. R.**
- Gold of the Bobrykovskoye deposit (Nakol'nyy Range, Donets Basin).** I. K. Latsky, O. G. Sidenko. Kon. i svot. min. no. 2-110-119 '67.
- Regional problems in the development of nonferrous and rare metal resources in the Ukraine.** M. P. Semenenko. Geol. zhur. 26 no. 5-37-42 '66.
- Studying process of the formation of mineral waters of the "Klimen'nik" Health Resort using the graphic method.** C. D. Despillier, M. O. Murionovych. Geol. zhur. 26 no. 4-42-54 '66.
- Tokhtuev, G. V.** [Structures of boundnages and their role in the localization of mineralization; as revealed by a study made in the Ukrainian Shield and some other regions] Struktury budinazh i ikh rol' v lokalizatsii orudnennia; na primere Ukrainetskogo shchita i nekotorykh drugikh regionov. Kiev, "Naukova dumka," 1967. 214 p.
- 553(477.8)—Western Ukraine**
- Formation of hydrocarbonate sodium waters of Upper Cretaceous sediments of the western part of the Volyn'-Podolian artesian basin.** I. I. TSapenko, V. P. Vysochay'ska. Geol. zhur. 26 no. 1-102-109 '66.
- Genesis of the sulfur deposit of the cis-Carpathian basin.** L. I. Alekseenko. Geol. zhur. 26 no. 5-92-95 '66.

553(477.86)—Transcarpathia

Some characteristics of the structural position of the Betsgov complex metal deposit in Transcarpathia. I. U. M. Koptukh. Geol. zhur. 26 no. 4-75-79 '66.

553(479)—Caucasus and Transcaucasia

Monomineralic vein pyroxenites among ultrabasic rocks of the Shakhdag Range (Lesser Caucasus). R. K. Gasanov. Izv. AN Azerb. SSR Ser. nauk o zem. 5 no. 29-35 '66.

553(479.22)—Georgian S. S. R.

Thermal dissociation of Chhatua manganese carbonate ore. N. V. Nubizidze and others. Soob. AN Gruz. SSR 48 no. 2-335-310 N '67.

553(479.24)—Azerbaijan S. S. R.

Achievements in the study of the igneous activity and metallogeny in Azerbaijan. R. N. Abdullayev and others. Izv. AN Azerb. SSR, Ser. nauk o zem. no. 3/4-68-77 '67.

Diaspore quartzites and diaspore from the Chiragidzor-Toganly deposits. V. I. Aliev. Izv. AN Azerb. SSR, Ser. nauk o zem. no. 5-36-41 '66.

Mineralogy of iron manganese ores of the Dashsalakhly manifestation in the Azerbaijan S. S. R. T. A. Khalilova, F. G. Askerov. Izv. AN Azerb. SSR, Ser. nauk o zem. no. 5-54-60 '66.

Yaneshki-Tovladzinsk intrusive iron pyrite mineralization connected with it. A. A. Alizade. Izv. AN Azerb. SSR Ser. nauk o zem. no. 5-45-53 '66.

553(497.2)—Bulgaria

Using methods of geophysical prospecting in the Madan ore region in prospecting for lead-zinc deposits. T. B. Dobrev, V. P. Ivanova, S. S. Pishchakov. Vest. Mosk. un. Ser. 4 Geologia 22 no. 6-19-44 N-D '67.

553(519.3)—Mongolian People's Republic

Age of ore-bearing intrusions of tin and tungsten deposits in central and eastern Mongolia. A. D. Kalenov. Dokl. AN SSSR 176 no. 6-1370-1373 O '67.

553(571)—Astatic R. S. F. S. R.

Characteristics of the development of trap volcanism in the northwestern part of the Siberian Platform and mineralization connected with it. I. A. I. Polkin, I. U. I. Tomonovskaya. Uch. zap. NIIGA, Reg. geol. no. 8-10-26 '66.

Grigor, M. I. [Lower Carboniferous sediments of the Sayan-Altai fold area] Nizhnekamennougol'nye otlozheniya Saluno-Altayskoi skladchatoi oblasti. Moskva, "Nauka," 1967. 147 p.

Increased manganese content in Middle and Upper Ordovician sediments of the western margin of the Siberian Platform. E. S. Rybikhina. Dokl. AN SSSR 177 no. 6-1149-1151 D '67.

Metasomatic sulfide and sulfide magnetite ore manifestation in the upper Sevenaya Valley (right tributary of the Lower Tunguska). L. M. Gerasimov, V. I. Laskina. Uch. zap. NIIGA, Reg. geol. no. 9-176-185 '66.

Origin of the so-called iron quartzites of the western part of Lake Balka region. A. S. Ivanova, I. A. M. Kisilnikov. Lit. i pol. iskop. no. 5-171-177 S-O '67.

Phosphorites from Jurassic and Cretaceous sediments of the Yenisey-Lena Trough. E. P. Kolokol'seva, Z. Z. Romkina. Uch. zap. NIIGA, Reg. geol. no. 8-209-213 '66.

Relations of igneous rock formations to mineral deposits. V. N. Kozorenko. Soob. AN Gruz. SSR, Ser. nauk o zem. no. 36-3-37 '66.

553(571.51)—Krasnoyarsk Territory

Differential tectonic movements in the Taimnakh sulfide copper-nickel deposit. I. N. Gorilalov. Uch. zap. NIIGA, Reg. geol. no. 9-228-232 '66.

New data on the stratigraphy of Upper coal-bearing sediments in the northeastern part of the Noril'sk Plateau. I. U. G. Gor and others. Uch. zap. NIIGA, Paleont. i biost. no. 17-5-16 '67.

New magnetite deposit in the central part of the Yenisey Range. L. I. Komov. Geol. i geofiz. no. 7-151-153 J1 '67.

Relationship of ore-bearing intrusions of Noril'sk-1 and Mt. Zub. V. F. Tyardokhebov. Uch. zap. NIIGA, Reg. geol. no. 9-241-246 '66.

Rheomorphic dikes and veins in titanium-augite dolerites and rocks of the excontact gabbro-dolerite intrusion Noril'sk-1. A. V. Tarasov. Uch. zap. NIIGA, Reg. geol. no. 9-186-202 '66.

Sulfide ores of the excontact of the gabbro-dolerite intrusion Noril'sk-1 (lower part). A. V. Tarasov. Uch. zap. NIIGA, Reg. geol. no. 9-155-175 '66.

553(571.58)—Yakut A. S. S. R.

Some characteristics of the distribution of crystalliferous belts and vein areas in the northern part of the Verkhovnyy crystalliferous province. V. S. Apolonov. Uch. zap. NIIGA, Reg. geol. no. 8-58-81 '66.

553(571.6)—Soviet Far East

[Problems of the metallogeny of the Soviet Far East; transactions of the out-of-town session of the Department of the Earth Sciences of the Academy of Sciences of the U.S.S.R. in the Far East] Problemy metallogeni Sovetskogo Dal'nego Vostoka; trudy vyezdnoi sessii Otdelentsia nauk o Zemle AN SSSR na Dal'nem Vostoke. Moskva, "Nauka," 1967. 145 p.

Relations of igneous rock formations to mineral deposits. V. N. Kozorenko. Soob. AN Gruz. SSR, Ser. nauk o zem. no. 36-1-37 '66.

553(571.62)—Khabarovsk Territory

Basic type of ore-controlling structures in the central part of the Okhotsk volcanic belt. S. S. Udlin, V. N. Udina, A. A. Kraslinnikov. Dokl. AN SSSR 176 no. 6-1378-1381 O '67.

553(574)—Kazakh S. S. R.

Achievements in the study of the ore supply center of the ferrous metallurgy of Kazakhstan. I. P. Novokhatskii. Izv. AN Kazakh. SSR, Ser. geol. 24 no. 5-36-43 S-O '67.

Characteristics of the metallogeny of northern Kazakhstan. M. A. Abdulkabirova. Izv. AN Kazakh. SSR, Ser. geol. 24 no. 3-76-03 S-O '67.

Characteristics of variations in the temperature and depth of "neutral layer" in Kazakhstan. N. M. Bondarenko, Zh. S. Sydyakov. Izv. AN Kazakh. SSR, Ser. geol. 24 no. 5-86-82 S-O '67.

Mineral resources of Kazakhstan. Sh. T. Esenov. Izv. AN Kazakh. SSR, Ser. geol. 24 no. 5-3-8 S-O '67.

Phases of formation and the genetic types of iron ores in the Tunga andesite-diorite volcanic and plutonic formation. O. M. Chuguevskaya, N. M. Beliaehov, I. P. Novokhatskii. Vest. AN Kazakh. SSR 23 no. 9-16-51 S '67.

Some characteristics of the mechanism of the formation mechanism of Kumol' hydrothermal asbestos (central Kazakhstan). P. T. Tazhibayeva, N. M. Petrovskaya, L. I. pol. iskop. no. 5-164-171 S-O '67.

The Uspenka metallogenic zone. G. N. Shcherba. Vest. AN Kazakh. SSR 23 no. 8-24-30 Ag '67.

553(575)—Central Asia

Hydrogeological zonation of hydrothermal systems as an ore forming factor in cover formations of Central Asia. A. I. Popov, R. I. Gol'dshchik. Dokl. AN SSSR 176 no. 6-1382-1384 O '67.

553(575.1)—Uzbek S. S. R.

Carnallites of Lyalikman. M. Mirakhmedov. Uzb. geol. zhur. 11 no. 5-60-72 '67.

Characteristics of reservoir properties of Lower Cretaceous sediments of southern and southwestern Uzbekistan. M. Eganberdiyev, Z. S. Biagiromov, B. S. Khikmatullayev. Uzb. geol. zhur. 11 no. 6-30-34 '67.

Characteristics of the distribution of oil and gas reservoirs of Cenomanian sediments of Fergana. Z. S. Biagiromov, A. R. Imankuliev. Uzb. geol. zhur. 11 no. 5-41-45 '67.

Lorene grit and nodular phosphorites from the Northern Kyzylkum. T. K. Karzhayev, A. A. Koldasov. Uzb. geol. zhur. 11 no. 6-10-15 '67.

Geochemistry of gold in the Sultanuzdag. L. Z. Palei, A. V. Muvoisov, N. I. Bozozmet, Uzb. geol. zhur. 11 no. 6-65-65 '67.

Gold potential of the Kyzylkum. I. Kh. Khamitbayev. Vest. AN SSSR 37 no. 12-47-49 D '67.

Manifestation of fluorite mineralization in the Uchkulach ore zone (western Uzbekistan). G. M. Chobotov. Uzb. geol. zhur. 11 no. 5-22-27 '67.

Modeling sulfiferous diaphic folds as revealed by a study made in the Akhshakoye potassium salt deposit. N. P. Petrov, E. L. Ildashiev, V. D. Morozov. Uzb. geol. zhur. 11 no. 6-5-9 '67.

Some results of bituminous studies of Paleogene sediments of the Fergana Depression. A. K. Karimov, M. I. Kushnir. Uzb. geol. zhur. 11 no. 6-35-40 '67.

553(581)—Afghanistan

Sary-Sang lapis-lazuli deposits in north. I. A. Efimov, A. I. Sudderkin. Vest. AN 23 no. 8-64-66 Ag '67.

553(597)—Polar regions

New literature on the geology and mineral resources of Antarctica. Uch. zap. NIIGA, Reg. geol. 280 '66.

553.9 CARBONACEOUS MINERAL DE

Basic criteria for predicting oil and gas their significance in estimating future. B. A. Ilov. Trudy VNIGM no. 48-70-82 I.

Calculating oil reserves in pools with oil reservoirs. E. V. Zakharov, K. M. Obr. VNIGM no. 48-130-147 '67.

Change of optical density of humic acids process of humus formation. N. N. Ban. Rakovskii. Vest. AN BSSR, Ser. khim. 131 '67.

Determining pressure function in nonoil oil fields. V. A. Belov. Izv. vys. ucl. i gaz. 10 no. 10-68-72 '67.

Effect of the moisture content on the nonequilibrium of process in gas cond. E. S. Sydykh-Zade and others. Izv. vys. ucl. i gaz. 10 no. 10-37-40 '67.

Filippov, B. V. [Types of natural oil and Tipy prirodnykh rezervuarov nefli i ga "Nedra," 1967. 121 p.

- Interaction of the effects of the elements in the composition of the rocks on the purification of hydrocarbons at petroleum refining plants.** S. M. Baid, *Trudy VNIIGI* no. 6:22-27 '67.
- On the problem of the purification of oil elements.** A. M. Mamontov, *Dokl. Akad. Nauk SSSR* 23 no. 4:7-9 '67.
- Feasibility of the development of oil and gas prospects in the production of oil and gas potentials.** V. F. Babitskiy, *Trudy VNIIGI* no. 6:5-8 '67.
- On the problem of the purification of oil elements of petroleum refining plants.** I. I. Mongut, *Trudy VNIIGI* no. 6:12-13 '67.
- Scientific data on the geology of the Azerbaijan Trough based on results of seismic prospecting using the reflection method.** R. D. Kovalev, *Trudy VNIIGI* no. 6:10-11 '67.
- The effect of humic acids from peat.** K. V. Riaschenko, A. A. Rukhovich, M. H. Gennadiy, *Trudy VNIIGI* no. 6:13-14 '67.
- Studying connections between reservoir properties and geophysical parameters of a formation by multidimensional regression analysis.** A. M. Rutman, M. M. Ellanskii, *Izv. vys. ucheb. zav., nef't i gaz* 10 no. 6:13-16 '67.
- Using the genetic method in calculating predicted oil and gas reserves.** D. V. Zhurav, E. S. Lutskaia, *Trudy VNIIGI* no. 6:12-13 '67.
- 553.9(235)—Mountains of Asia**
Biogenic and abiogenic formation of sulfur and iron in the area of the formation of the Lower and Middle Jurassic of the southern part of the Caspian Sea. S. F. Salimov, *Trudy VNIIGI* no. 6:10-11 '67.
- 553.9(262.8)—Caspian Sea**
Tectonics of the Apsheron Ridge. L. A. Aliev, *Izv. vys. ucheb. zav., nef't i gaz* 10 no. 6:11-12 '67.
- 553.9(4.9.104)—Capitalist countries of the world**
Oil and gas resources of the capitalist world. A. V. Kuchapin, L. S. Timonin, *Trudy VNIIGI* no. 4:148-149 '67.
- 553.9(42)—Ireland (Eire)**
Production of peat briquets in Ireland. Kh. Reedik, *Trudy VNIIGI* no. 4:29-31 '66.
- 553.9(470)—European U.S.S.R.**
Possible oil and gas prospects of Riphan and Lower Paleozoic sediments in the central regions of the Russian Platform. N. S. Il'ina, D. L. Frukht, *Trudy VNIIGI* no. 4:93-94 '67.
- 553.9(471.23)—Leningrad Province**
Problems of the peat enterprises of the Leningrad Trust in 1966. A. P. Basov, *Trudy VNIIGI* no. 4:1-2 '66.
- Technological progress in the enterprises of the Leningrad State Trust of the Peat Industry.** V. N. Kiselev, D. K. Zhernichukhin, *Trudy VNIIGI* no. 4:13-17 '66.
- 553.9(471.4)—Central and Lower Volga regions**
Evaluating predicted oil reserves of the lithological and stratigraphic pools in the terrigenous sediments of the Devonian in the Volga-Ural area. N. N. Osad'ko, *Trudy VNIIGI* no. 4:37-46 '67.
- 553.9(471.41)—Tatar A.S.S.R.**
Bringing into development oil fields and oil pools with small oil resources in the Tatar A.S.S.R. S. P. Nikonov, K. I. Azarov, R. A. Baicev, *Trudy VNIIGI* no. 8:20-24 '67.
- 553.9(471.5)—Ural regions**
Evaluating predicted oil reserves of the lithological and stratigraphic pools in the terrigenous sediments of the Devonian in the Volga-Ural area. N. N. Osad'ko, *Trudy VNIIGI* no. 4:37-46 '67.
- Regularities of changes in the quality characteristics of oils and casing-head gases in the Volga-Ural region.** B. F. Raaben, M. V. Dakhinova, O. L. Nechaeva, *Trudy VNIIGI* no. 4:47-49 '67.
- 553.9(471.52)—Bashkir A.S.S.R.**
"Bashneft" on the front line. *Izv. vys. ucheb. zav., nef't i gaz* 10 no. 6:3-5 '67.
- Some differences in the epigenetic transformation of rocks in water- and oil-bearing parts of the Dzhigul (Pashlya) horizon of the Shkapovo field.** O. G. Zaitsev, *Izv. vys. ucheb. zav., nef't i gaz* 10 no. 10:5-7 '67.
- 553.9(471.62)—Krasnodar Territory**
Change in quantitative and qualitative gas condensate characteristics in some fields of Krasnodar Territory during their development in a depletion drive. A. I. Gritsenko, I. A. D. Savina, V. V. Ushkin, *Izv. vys. ucheb. zav., nef't i gaz* 10 no. 10:33-36 '67.

553.9(476)—White Russian S. S. R.

Prospects for oil and gas occurrences in White Russia. N. I. Bulalov, K. I. Gnudin, *Trudy VNIIGI* no. 4:110-123 '67.

553.9(477)—Ukrainian S. S. R.

- Commercial evaluation of geological resources of coal and combustible shales of the Ukraine.** V. S. Popov, *Geol. zhur.* 26 no. 5:32-37 '66.
- Confining strata of Devonian sediments in the Lvov Paleozoic Trough in connection with prospects for oil and gas occurrences.** S. P. Vitrik, V. A. Kotyk, V. M. Shechepak, *Neft i gaz, prom.* no. 4:3-7 *Trudy VNIIGI* '67.
- Development of oil and gas prospecting operations in the Ukrainian S. S. R. during the past 50 years and further objectives.** V. A. Boboshko and others, *Neft i gaz, prom.* no. 5:3-7 '67.
- Lithology and reservoir properties of productive sediments in the Keghechka gas field.** I. A. Mukharinskaia, O. G. Ryabikh, V. M. Potukhaev, *Neft i gaz, prom.* no. 5:9-12 '67.
- Oil and gas prospects in the Oktyabr'skoye-Melovoye tectonic zone.** G. P. Kurylo, *Neft i gaz, prom.* no. 4:11-13 *Trudy VNIIGI* '67.
- Problem of oil and gas occurrences in the subalt Devonian of the Ukraine.** V. M. Zavyalov, S. E. Cherpak, *Neft i gaz, prom.* no. 5:7-9 '67.
- Prospects for finding oil and gas in the Ukrainian S. S. R. and trends in prospecting.** I. P. Kishchenko, *Geol. zhur.* 26 no. 5:27-32 '66.

553.9(477.6)—Donets Basin

- Establishing stages in hydrocarbon accumulation in the sediments of the Dnieper-Donets region on the basis of geochemical data.** N. I. Ivanets, L. M. Samitova, *Neft i gaz, prom.* no. 6:11-14 *Trudy VNIIGI* '67.
- Scientific value of clay strata in the upper part of the Moscow stage in the East Ukrainian gas- and oil-bearing basin.** S. V. Litvin, *Neft i gaz, prom.* no. 6:8-10 *Trudy VNIIGI* '67.

553.9(479.24)—Azerbaijan S. S. R.

- Conditions governing the formation of oil and gas pools in the Oligocene-Miocene sediments of Azerbaijan.** S. G. Salayev, N. S. Kastimirov, *Izv. AN Azerb. SSR, Ser. nauk o zem.* no. 3/4:47-54 '67.
- Determining initial water-oil contact in horizon I of the Kirmaki series in the Buzovny-Mashtagi field.** T. A. Kuleva, *Izv. vys. ucheb. zav., nef't i gaz* 10 no. 10:9-12 '67.
- Development of petroleum geology during the years of the Soviet rule.** A. A. Ali-zade and others, *Azerb. nef't khoz.* 46 no. 11:6-9 '67.
- Formation of waters in the lower division of the Baklanian stage in the Neftyan'ye Kamli and Cheleken oil fields.** R. S. Moldavskii, M. F. Molchanov, *Dokl. AN Azerb. SSR* 23 no. 7:44-47 '67.
- New geologic data on the Azerbaijan portion of the Caspian Sea.** Kh. B. Iusufzade, A. M. Poladov, A. F. Dzhanibekov, *Azerb. nef't khoz.* 44 no. 9:9-11 '65.
- Progress of the scientific research on the development of oil and gas fields in Azerbaijan.** M. T. Abbasov and others, *Azerb. nef't khoz.* 46 no. 11:14-17 '67.
- Prospects for finding oil and gas in Mesozoic sediments of Azerbaijan.** A. A. Ali-zade, G. A. Akhmedov, M. M. Zennatov, *Izv. AN Azerb. SSR, Ser. nauk o zem.* no. 7/4:33-46 '67.
- Some geologic prerequisites for gas prospecting in Paleogene-Miocene sediments in the Caspian Sea-Kuba region.** D. I. Efendiev, *Azerb. nef't khoz.* 44 no. 9:13-15 '65.
- Temperature regime of the Bibi-Eibat oil field.** O. A. Marfatova, *Izv. vys. ucheb. zav., nef't i gaz* 10 no. 10:17-20 '67.

553.9(571)—Astatic R. S. F. S. R.

- Cap rocks of Jurassic oil and gas pools in the region of Obi-Irtyskh interfluvium.** A. G. Poda, *Trudy VNIIGI* no. 4:123-127 '66.
- Classification of clay cap rocks in the profile of the central regions of the West Siberian Plain.** T. F. Antonova, *Trudy VNIIGI* no. 4:128-131 '66.
- Conditions of the formation of the B₂ productive layer in the Nizhne-Vartovskoye arch.** E. G. Sorokina, L. S. Chornova, *Trudy VNIIGI* no. 4:75-85 '66.
- Correlational links between physicochemical characteristics of Mesozoic petroleum in the West Siberian Plain.** A. D. Lugovtsov, *Trudy VNIIGI* no. 4:178-183 '66.
- Find of maltha in Jurassic sediments of the Lena-Anabar Trough.** A. V. Pavlov, A. I. Danilovskaya, *Uch. zap. NIIGA Reg. geol.* no. 9:224-227 '66.
- Geochemical characteristics of dispersed organic matter in Jurassic and Lower Cretaceous sediments in the northern part of the West Siberian Platform.** A. S. Fomichev, *Trudy VNIIGI* no. 4:198-203 '66.
- High-molecular hydrocarbons in dispersed organic matter; as exemplified by Jurassic sediments in the West Siberian Platform.** L. I. Bogorodskaya, A. E. Kontorovich, L. F. Lipnitskaya, *Trudy VNIIGI* no. 4:132-155 '66.
- Nonhorizontal position of oil-water and gas-water contacts.** F. G. Gurarii, *Trudy VNIIGI* no. 4:23-28 '66.
- Petrographic composition of Neocomian oil-bearing sediments in the Nizhne-Vartovskoye arch.** V. V. Korotun, E. G. Sorokina, *Trudy VNIIGI* no. 4:78-80 '66.

Prospects for finding oil and gas in the southern part of the Siberian Platform according to hydrogeological indices. E. V. Pimke, *Mat. Korm. po izuch. i razv. Sib. i Dal. Vost.* no. 3:159-165 '67.

Some geochemical features of vanadium and nickel in sedimentary rocks and petroleum. M. M. Kolganova, A. E. Kontorovich, *Trudy VNIIGI* no. 4:181-197 '65.

Time of migration of hydrocarbons from organic matter. O. L. Nechaeva, *Izv. vys. ucheb. zav., nef't i gaz* 10 no. 10:16 '67.

Types of oil and gas pools in the fields of the West Siberian Plain. F. G. Gurarii, *Trudy VNIIGI* no. 4:74-81 '64.

553.9(571.12)—Tyumen' Province

- Conditions of the formation of Upper Jurassic reservoirs in the Shaim region.** L. D. Neumilina, *Trudy VNIIGI* no. 4:106-111 '66.
- Genetic significance of the granulomelic complex of the Jurassic and Neocomian reservoir rocks in the West Siberian Plain.** T. I. Gurova, *Trudy VNIIGI* no. 4:72:65-71 '66.
- Nizhne-Vartovskoye arch, a new petroleum-prospecting region.** V. V. Guchuk and others, *Trudy VNIIGI* no. 4:14-22 '66.
- Reservoir rocks of the Upper Jurassic in the Berezovskiy region.** L. P. Alekhina, *Trudy VNIIGI* no. 4:175-181 '66.
- Reservoirs in the Sugut arch and Nizhne-Balyk upland.** G. V. Maslennikova, *Trudy VNIIGI* no. 4:7, 98-104 '66.

553.9(571.16)—Tomsk Province

- Geochemical characteristics of the petroleum in the Nizhne-Vartovskoye arch.** O. F. Stasova, *Trudy VNIIGI* no. 4:167-177 '66.
- Petrographic characteristics of the layers III in the S. V. Vasyugan and Myldzhovo fields.** S. M. Anshin, *Trudy VNIIGI* no. 4:71-91 '66.

553.9(571.51)—Krasnoyarsk Territory

Determining the ash content of coal on the basis of density gamma-gamma logging. A. Z. Gorn, A. V. Petakov, *Razved. geofiz.* no. 21:111-119 '67.

553.9(571.6)—Soviet Far East

[Problems of oil and gas occurrences in the Soviet Far East; transactions of a session of the Far Eastern Science Department and the Siberian Section of the Academy of Sciences of the U.S.S.R. in the Far East.] *Problemy neftegazonomosti Vostokey SSSR; trudy sessii Otdel'nykh nauk o Zemel' i Sibirskogo otdeleniya AN SSSR na Dal'nem Vostoke* Moskva, "Nauka," 1967. 68 p.

553.9(574)—Kazakh S. S. R.

Prospects for finding oil and gas in the southern part of the Caspian Lowland. P. I. Ayvazov and others, *Izv. AN Kazakh. SSR, Ser. geol.* 24 no. 5:11-19 '67.

553.9(575.1)—Uzbek S. S. R.

Sealing through the earth. B. D. Zhusov, *Neft i gaz* 12 no. 11:24 '67.

56 PALEONTOLOGY. FOSSILS

Early Quaternary mammals of the northern part of the U.S.S.R. and the problem of continental interrelations between Asia and America. A. V. Sher, *Dokl. AN SSSR* 177 no. 6:1490-1491 '67.

56(471.5)—Ural regions

Kalashnikov, N. V. [Ecology of the fauna and biogenic regionalization of the Carboniferous sea of the Northern Urals]. *Ekologiya fauny i biogenez vostochnykh kamennougol'nogo morya Severnogo Urals* Leningrad, "Nauka," 1967. 55 p. illus.

56(479.24)—Azerbaijan S. S. R.

- Achievements in the study of the biostratigraphy and lithofacies of Quaternary sediments in Azerbaijan.** B. G. Vekilov, N. V. Pashaly, *Izv. AN Azerb. SSR, Ser. nauk o zem.* no. 7/4:117-125 '67.
- Achievements in the study of the biostratigraphy of Mesozoic sediments of Azerbaijan.** M. M. Akhmedov and others, *Izv. AN Azerb. SSR, Ser. nauk o zem.* no. 7/4:81-91 '67.
- Achievements of the study of the biostratigraphy of Paleogene sediments of Azerbaijan.** K. A. Ali-zade, T. A. Mamadov, *Izv. AN Azerb. SSR, Ser. nauk o zem.* no. 3/4:92-105 '67.
- Development of paleontological and stratigraphic studies in Azerbaijan.** K. A. Ali-zade, *Izv. AN Azerb. SSR, Ser. nauk o zem.* no. 3/4:78-80 '67.

561 SYSTEMATIC PALEOBOTANY

Advances in the Tertiary flora research in the U.S.S.R. (1917-1967). L. U. Budantsev, *Bot. zhur.* 52, no. 11:1563-1573 '67.

Problem of the systematic position of Jurassic ferns. R. A. Rappoport, N. D. Vasilovskaya, V. V. Pavlov, *Uch. zap. NIIGA, Paleont. i biostr.* no. 19:41-50 '67.

- 561(479, 242)—Nakhichevan A. S. S. R.
New data on the Sarmatian flora of the Nakhichevan A. S. S. R. G. M. Kasumova. Dokl. AN Azerb. SSR 23 no. 8:33-36 '67.
- 561(571)—Asiatic R. S. F. S. R.
Spore-pollen spectra and stages of glaciations in connection with the problem of ridge forms of the relief and glacio-basque valleys of the northern part of Western and Central Siberia. A. P. Puntimov. Uch. zap. NIIGA Reg. geol. no. 8:147-158 '66.
- 561(571, 51)—Krasnoyarsk Territory
Permian complex of spores and pollen of the Noril'sk region and their significance for the comparison of sediments. A. I. Dibnet. Uch. zap. NIIGA Paleont. i biost. no. 19:51-81 '67.
- 561(571, 511)—Taymyr National District
Spores and pollen of Upper Cretaceous sediments of the Khatanga Depression. N. M. Bondarenko. Uch. zap. NIIGA, Paleont. i biost. no. 19:81-98 '67.
- 561(571, 56)—Yakut A. S. S. R.
Characteristics of palynological spectra from sediments of secondary terraces above the floodplain of the Anzhar-Olenek interfluvium. Uch. zap. NIIGA Paleont. i biost. no. 18:91-101 '67.
- Early forms of the Lena-Olenek region of the Lena basin. N. D. Vasil'skaya. Uch. zap. NIIGA, Paleont. i biost. no. 17:58-78 '67.
- Spores *Lygodium glandiventiculatum* Pavlov sp. n. from Lower Cretaceous sediments of the Lena basin. V. V. Pavlov. Uch. zap. NIIGA Paleont. i biost. no. 17:79-81 '67.
- 561(574)—Kazakh S. S. R.
Radchenko, M. I. [Carboniferous flora of southeastern Kazakhstan] Kamennoougol'naya flora Yugo-Vostochnogo Kazakhstana. Alma-Ata, "Nauka," 1967. 71 p. 25 illus.
- 562 SYSTEMATIC PALEOZOOLGY
Forgotten paleontological finds of the past century. V. A. Terleev. Izv. vys. ucheb. zav.; geol. i razv. 10 no. 9:35-41 '67.
- Morphological characters of bisymmetric Nodosariidae (Foraminifera) and their species description. A. A. Gerke. Uch. zap. NIIGA Paleont. i biost. no. 19:5-31 '67.
- Some new data on the systematics of Lower Jurassic Brachiopoda. R. B. Askerov. Dokl. AN Azerb. SSR 23 no. 7:45-51 '67.
- Systematics and phylogeny of Choristites. V. I. Ustrel'skiy. Uch. zap. NIIGA, Paleont. i biost. no. 19:33-40 '67.
- Using the punched-card method in the study of tetra-radiate corals. A. G. Kravtsov, N. I. A. Spasskiy. Uch. zap. NIIGA Paleont. i biost. no. 17:89-100 '67.
- 562(234)—Mountains of Europe
Trilobites of the Yagor horizon (Middle Ordovician) of the northern part of the Pay-Khoy and Vaygach A. Z. Bur'skiy. Uch. zap. NIIGA Paleont. i biost. no. 17:27-51 '67.
- 562(235)—Mountains of Asia
Lower Cretaceous Ostracoda of the Baysanau. A. S. Masumov. Uzb. geol. zhur. 10 no. 4:62-68 '66.
- 562(470)—European U. S. S. R.
Correlation of the Pliocene of the Black Sea and Caspian Sea basins in connection with the discovery of the *Achagayi* mollusk fauna in Kuyalnik sediments in the northern part of the region of the Sea of Azov. V. M. Semenenko. Geol. zhur. 26 no. 5:99-100 '66.
- Remains of the Permian genus *Chronosuchus* of the Orenburg portion of the Ural Mountain region. G. I. Tverdokhlebova. Izv. vys. ucheb. zav.; geol. i razv. 10 no. 9:31-35 '67.
- Study of the Lower Sarmatian Ostracoda fauna of the southwestern margin of the Russian Platform. A. H. Ul'manova. Dop. AN URSR, Ser. B 29 no. 10:882-885 O '67.
- 562(471, 11)—Archangel Province
New data on the family Ucaulidae (Razonsnickaja) (Brachiopoda) from Lower Devonian sediments of Novaya Zemlya. S. V. Cherkasova. Uch. zap. NIIGA, Paleont. i biost. no. 18:5-23 '67.
- Some *Antonyaria* and *Schizodonta* of the southern part of Novaya Zemlya. Uch. zap. NIIGA, Paleont. i biost. no. 17:52-57 '67.
- Trilobites of the Yagor horizon (Middle Ordovician) of the northern part of the Pay-Khoy and Vaygach A. Z. Bur'skiy. Uch. zap. NIIGA, Paleont. i biost. no. 17:27-51 '67.
- 562(471, 52)—Bashkir A. S. S. R.
Find of remains of the genus *Prosilphus* (Rodentia, Mammalia) in the Bashkirian portion of the cis-Ural region and some problems of the systematics of the family *Myospalacidae*. V. P. Sukhov. Dokl. AN SSSR 177 no. 3:695-698 N '67.
- 562(477)—Ukrainian S. S. R.
Conditions governing the existence of mollusks in the Paleocene basin of the southwestern Crimea. V. II. Kulichenko. Geol. zhur. 26 no. 4:95-102 '66.
- 562(478)—Moldavian S. S. R.
[Place and significance of fossil mammals of Moldavia in the Cenozoic of the U. S. S. R.] Mesto i znachenie iskopanykh molekoplakushchikh Moldavii v Kainozoe SSSR Kishinev, 1967. 115 p.
- 562(479, 24)—Azerbaijan S. S. R.
Achievements in the study of fossil microfauna in Soviet Azerbaijan. D. M. Khatifov. Izv. AN Azerb. SSR Ser. nauk o zem. no. 3/4:106-116 '67.
- New species of the Irgendiac family in the Jurassic sediments of northeastern Azerbaijan. N. M. Kasumova. Azerb. neft. khoz. 14 no. 9:15-17 '65.
- 562(571)—Asiatic R. S. F. S. R.
Hydrodynamic conditions of the burial of mollusk shells: experience of taphonomic analysis of marine Pleistocene of Western Siberia. O. V. Sardal'skiy. Uch. zap. NIIGA Paleont. i biost. no. 17:82-88 '67.
- Zonal division of the Lower Cretaceous of the Northern Soviet basin according to Cephalopoda. V. N. Saks, I. G. Klimova. Geol. i geofiz. no. 7:76-85. II '67.
- 562(571, 511)—Taymyr National District
New data on Foraminifera of the genus *Loxostoma* from the Lower Carboniferous of eastern Taymyr. M. F. Solov'eva. Uch. zap. NIIGA Paleont. i biost. no. 18:24-37 '67.
- 562(571, 56)—Yakut A. S. S. R.
Foraminifera of genera *Margulinella* and *Margulinopsis* from Volga and Berezian sediments of the Khatanga basin (Khatanga Depression). V. A. Basov. Uch. zap. NIIGA Paleont. i biost. no. 18:38-40 '67.
- Two new species of trilobites from Maya sediments of northern Yakutia. I. A. Solov'eva. Uch. zap. NIIGA Paleont. i biost. no. 17:17-26 '67.
- 562(571, 6)—Soviet Far East
Dubatolova, I. U. A., R. S. El'yshcheva, and E. A. Modzalev'skaya. [Devonian and Lower Carboniferous corals of the Far East] Morskoe i lizh devona i nizhnego karbona Dal'nego Vostoka. Moskva, "Nauka," 1967. 71 p. 11 illus.
- 562(575, 1)—Uzbek S. S. R.
Early Cretaceous Charophyta on northern Fergana. N. P. Kianep-Romashkina. Dokl. AN SSSR 177 no. 2:408-410 N '67.
- 57 ANTHROPOLOGICAL AND BIOLOGICAL SCIENCES
In memory of Vladimir Nikolaevich Sukachev (1880-1967). P. Lapin, B. I. Glav, bot. sadu no. 66:103-106 '67.
- 57(571)—Asiatic R. S. F. S. R.
[Problems of geography and biology; studies of the Departments of the Faculty of Natural History and Geography] Voprosy geografii i biologii; uchenye zapiski kafedri Estestvenno-geograficheskogo fakul'teta Chita, 1966. 200 p.
- 571 PREHISTORIC MAN (ARCHAEOLOGY)
571(477, 8)—Western Ukraine
Age of red conglomerates in the western part of the Black Sea region. M. S. Shapovalov. Izv. AN SSSR, Ser. geol. no. 12:121-123 D '67.
- 572 ANTHROPOLOGY (PHYSICAL). ETHNOLOGY
In memory of Aleksandr Samsonovich Lezhava. V. P. Mikhailov. Arkh. anat., gist. i embr. 53 no. 12:112-117 D '67.
- New anthropometric measurements in obstetrics, gynecology and bordering fields. A. M. Mazhulis. Trudy Novokuz. GIDUVA no. 33:13-25 '66.
- 574 GENERAL BIOLOGY
Session on Problems in Molecular Biology held in Moscow. V. I. Tovaritskiy. Vest. AN SSSR 37 no. 12:95-96 D '67.
- Studying the demands of biologists for literature in their field, from the work-experience of the scientific reading room of the V. I. Lenin State Library of the U. S. S. R. N. A. Dmitrieva, S. V. Zomskova, Z. G. Ivanova. Bibliot. SSSR no. 34:133-146 '67.
- 574.10 SPACE BIOLOGY
[Biological action of high energy protons. (Evaluation of hazards of space flights)] Biologicheskoe deistvie protonov vysokikh energii [K olsenke radiatsii, opasnosti kosmich. polotov]. Pod red. I. G. Grigor'eva. Moskva, Atomizdat, 1967. 508 p.
- Growth stimulation of *Allium cepa* bulbs following their space flight aboard the satellite spaceship "Kosmos-110." N. L. Delone and others. Kosm. issl. 5 no. 6:938-943 N-D '67.
- 575 GENETICS. EVOLUTION
Alikhanian, S. I. [Modern genetics] Sovremennaya genetika. Moskva, "Nauka," 1967. 195 p.
- Crossing over in *Drosophila melanogaster* males induced by N-mitrosoethylurea. G. I. Efremova. Genetika no. 11:37-46 N '67.
- Current problems of radiation genetics of man and mammals. I. U. A. Karkis. Vest. AN SSSR 37 no. 12:17-23 D '67.
- Electronic structure of pair bases of DNA in excited states and Lowdin's mutation mechanism. V. I. Danilov, V. A. Kupriyevich, O. V. Shumakov. Dokl. AN SSSR 177 no. 6:1465-1468 D '67.
- Expression of the genome of moderate bacteriophage No. 15 in integrated and autonomous state. V. K. Ravkin. Dokl. AN SSSR 177 no. 3:703-705 N '67.
- The fate of mutations in the populations. Presentation of the problem and some trends in its development. N. V. Tunafov-Resovskiy. Vest. AN SSSR 37 no. 12:7-11 D '67.
- Genetic activity of ectochias isolated from pea plant. G. N. Vinkler, M. N. Zupomietov, V. K. Shcherbakov. Dokl. AN SSSR 177 no. 3:699-702 N '67.
- Genetic study of cell mating in *Saccharomyces cerevisiae*. I. A. Zakharov, T. N. Kozhina. Genetika no. 11:110-115 N '67.
- Heterosis and cytoplasmic male sterility in sorghum and their utilization in breeding. B. I. Malinovsky. Genetika no. 11:3-11 N '67.
- Heterosis in tea cultivation. K. E. Bakhladze. Genetika no. 11:26-30 N '67.
- Induced parthenogenesis in *Nicotiana tabacum* L. V. A. Todua and others. Dokl. AN SSSR 177 no. 2:448-449 N '67.
- Morphological and cytoembryological characteristics of tetraploid sunflower. A. E. Efremov. Genetika no. 11:31-36 N '67.
- Neurology and genetics. I. F. Davidenko. Zhur. nevro. i psiki. 67 no. 11:1612-1615 '67.
- Primary mechanism of the effect of radiation at the cellular and molecular level. N. N. Sokolov, B. N. Sidorov. Vest. AN SSSR 37 no. 12:12-16 D '67.
- Spontaneous mutant of cucumber of the Nezhinskii 12 variety. I. P. Gornitskaya. Genetika no. 11:159 N '67.
- Study of phage conversion in *Escherichia coli*. Report No. 2. Genetic control of conversion capacity of temperate bacteriophage N15. E. I. Golub, V. K. Ravin, M. G. Shul'ga. Genetika no. 11:91-99 N '67.
- Study of the mutation process in dormant *Allium fistulosum* seed under increased temperature and moisture conditions. N. N. Orlova. Genetika no. 11:115-125 N '67.
- Transplacental transmission of acute leukemia. Z. V. Gorbunova, T. N. Stieneva. Probl. gemat. i perel. krovi 12 no. 8:36-38 Ag '67.
- Urgent problems of radiogenetics in mammals. N. I. Shaplo, M. D. Pomerantseva. Genetika no. 11:120-144 N '67.
- Yeast mutant, ultrasensitive to ultraviolet rays. I. A. Zakharov, T. N. Kozhina. Dokl. AN SSSR 176 no. 6:1417-1418 O '67.
- Zaitseva, T. A. [Hereditary diseases in man (Chromosomal diseases)] Nasledstvennye bolezni cheloveka. (Khromosomnye bolezni) Pod red. V. I. Chumaka. Moskva, 1967. 14 p. (Obshcheteoret. voprosy meditsiny)
- 576.2 GENERAL MORPHOLOGY AND PHYSIOLOGY
Development of the theory of the variability of the organs and systems of the human body during the period 1917-1967. A. N. Maksimenkov. Vest. khir. 90 no. 11:17-20 N '67.
- Stimulating and inhibiting effect of X rays on the functional state of the retina and on its ability to induce the formation of the cornea. V. V. Popov, V. V. Ufianova. Dokl. AN SSSR 177 no. 3:728-731 N '67.
- 576.3 CYTOLOGY
Age-related accumulation of cells with chromosome aberrations in the normal and irradiated mouse liver. A. M. Kononenko, N. I. A. Polikh. TSitologiya 9 no. 11:1391-1396 N '67.
- All-Union conference on main problems of cytology dedicated to the 50th anniversary of the Great October Socialist Revolution. S. I. A. Zakkind. TSitologiya 9 no. 11:1441-1443 N '67.
- Automatic methods of preparing and processing cytophotometric data. L. S. Agroskin and others. TSitologiya 9 no. 11:1313-1327 N '67.
- Capture of homologous and heterologous isolated nuclei by cells in vitro. Report No. 1. Morphological and cytochemical study. A. N. Mosolov and others. Genetika no. 11:116-119 N '67.
- Changes in liver cell ultrastructure following enzyme induction. N. B. Kristolubova. Genetika no. 11:47-55 N '67.
- Chromosomes of Diptera. Report No. 1: Culiidae; evolutionary and practical significance of karyotype research. I. I. Kiknadze. Genetika no. 11:145-156 N '67.
- Clinicocytologic parallels in the diagnosis of malignant tumors of soft tissues. K. V. Danilov-Bek, N. I. Nikitina. Khirurgiya 43 no. 8:133-136 Ag '67.

- Method for separating *Aspergillus nidulans* from mycelium in field crops grown by surface method. P. N. Evstakhov, K. A. Kalinina. *Form. i spirt. prom.* 33 no. 8 23-27 '67.
- Methodology of the isolation of the pseudotuberculosis bacillus. G. D. Serov, A. K. Vishniakov, V. A. Znamenskiy. *Lab. delo* no. 11 694-696 '67.
- Methodology of the microbiological determination of the concentration of 5-fluorouracil in biological fluids. L. Z. Shtolmanova, N. N. Agadzhanova. *Vop. onk.* 13 no. 10 125-126 '67.
- Methods for preparing aquargen. P. K. Gedyk. *Trudy Sverd. sel'khoz. inst.* 14 237-238 '65.
- Methods of detecting the pathogenicity of *Shigella* in interaction with tissue cultures. V. I. Bakhtashvili. *Lab. delo* no. 11 683-686 '67.
- Methods of determining the nucleotide composition of DNA. I. I. Samoilenko. *Lab. delo* no. 11 691-691 '67.
- Microflora of blind wounds of soft tissues caused by secondary pyogenic, against the background of acute radiation sickness. M. I. Gul'man, B. M. Zelmanovich. *Sov. nauch. i med. krasn. gos. med. no. 7* 182-184 '63.
- New armatode species in ponds of the Western Ukraine. V. M. Levchuk and others. *Ryb. khoz.* 44 no. 121 '68.
- New preparations for controlling ichthyophthirius infections of pond fishes. V. A. Musselins, N. T. Filipenko. *Ryb. khoz.* 44 no. 118-20 '68.
- New type of viral interference. *Vop. virus.* 12 no. 6 156 '67.
- Oxidation of antimonite by a new *Thiobacillus cultus*. N. N. Lialikova. *Dokl. AN SSSR* 176 no. 6 1132-1134 '67.
- Pathogenicity of various coccidian species in sheep. S. K. S. Anbaev. *Trudy Inst. zool. AN Kazakh SSR* 28 37-61 '67.
- Physiology of producing micro-organisms and the process of biosynthesis of antibiotics. M. M. Levitov, S. I. Baiderg. *Antibiotiki* 12 no. 11 985-999 '67.
- Possibility of experimental changes in the pathogenic properties of soil keratophiles. Z. G. Shpanisheva, A. I. A. Malkina. *Vest. dermat. ven.* 41 no. 7 51-57 '67.
- Rate of the spontaneous mutational process in a strain of *Bacillus subtilis* with disturbed recombination ability. A. A. Prozorov, B. I. Barabanshchikov. *Dokl. AN SSSR* 176 no. 6 1122-1124 '67.
- Searching for intermediate hosts of avitellinosis and thysanotomias agents in sheep. M. I. Kuznetsov. *Trudy VIGIS* 12:25-37 '66.
- Sensitivity of strains of dysenteric pathogens, isolated in 1964-1965 in Baku, to antibiotics. S. N. Miev. *Azerb. med. zhur.* 44 no. 11 6-52 '67.
- Spores of coccidian in domestic and wild Artiodactyla. S. K. Svanbaev. *Trudy Inst. zool. AN Kazakh SSR* 28 15-36 '67.
- Stability of the basic properties of pyogenic *Staphylococci* in prolonged reseeded on agar. B. M. Zelmanovich. *Sov. nauch. i med. krasn. gos. med. no. 7* 100-104 '63.
- Study of amino acid composition of the obligate bacterium from animal organisms. G. I. Ushakova, T. A. Egorova, M. S. Polonskaya. *Nauch. dokl. vys. shkoly. biol. nauki* 10 no. 12 112-115 '67.
- Study of *Aphis maydis* F. feeding on corn and its control measures. A. T. Abashidze, I. U. Tvalvazde. *Trudy Inst. zashch. rast. AN Gruz. SSR* 18:59-70 '66.
- Study of genetic M-marker of smallpox vaccine virus variants. I. I. Rozina and others. *Vop. virus.* 12 no. 6 674-680 '67.
- Study of nucleotide composition and fertility in spontaneous and 5-bromouracil induced streptomycin-resistant mutants of *Escherichia coli* HFR H. V. P. Shchepkov, I. I. Samoilenko. *Antibiotiki* 12 no. 9 787-791 '67.
- Study of phage conversion in *Escherichia coli*. Report No. 2. Genetic control of conversion capacity of temperate bacteriophage N15. T. I. Golub, V. K. Ravin, M. G. Shul'ga. *Genetika* no. 11 94-99 '67.
- Study of relationship between R7/40 marker of type III poliomyelitis virus and neurovirulence in monkeys. G. L. Kutianskaya and others. *Vop. virus.* 12 no. 6 680-682 '67.
- Study of the properties of some arboviruses of group A, B and Bunyamwera. V. D. Neustov and others. *Vop. virus.* 12 no. 6 688-691 '67.
- Study of the variability of tick-borne encephalitis virus. Report No. 4. Pathogenic properties of some strains of tick-borne encephalitis viruses and their variants. O. G. Andzhaparidze, I. G. Stepanova, E. E. Rozina. *Vop. virus.* 12 no. 6 691-697 '67.
- Studying paratyphoid bacterial carrier state in animals. G. V. Zhukov, E. N. Zhukova, T. M. Mitrakova. *Trudy Sverd. sel'khoz. inst.* 14:207-208 '65.
- Studying paratyphoid bacterial carrier state in rabbits. I. A. Chludianskii. *Trudy Sverd. sel'khoz. inst.* 14:215 '65.
- Studying the transmission of salmonellosis agents by means of duck eggs. I. A. Chludianskii. *Trudy Sverd. sel'khoz. inst.* 14:227-228 '65.
- Synthesis of lipase by *Aspergillus* in media of various carbon sources. I. M. Arends. *Form. i spirt. prom.* 33 no. 8 27-29 '67.
- Transformation of *Bacillus subtilis* inhibited by homologous and heterologous DNA. A. P. Pechov, L. G. Stollanova. *Dokl. AN SSSR* 176 no. 6 1410-1421 '67.
- Use of gel filtration for the characterization of casein and its hydrolyzates. V. I. Shantina-Vagina, L. S. Edvinskaia. *Lab. delo* no. 11:670-672 '67.
- Use of stained antigen for determining the paratyphoid bacterial carrier state in ducks. I. A. Chludianskii. *Trudy Sverd. sel'khoz. inst.* 14:210-210 '65.
- Viral epiphytology of grain crops in Krasnodar Territory. G. M. Razvinzina, I. U. V. Belianchukova, E. A. Pridan-tseva. *Nauch. dokl. vys. shkoly. biol. nauki* 10 no. 12 118-122 '67.
- Virus inhibiting activity of the blood and secretions. V. N. Kazakova, P. N. Kostakov. *Vop. virus.* 12 no. 6 702-705 '67.
- Works of Soviet scientists in the field of research on new antibiotics. G. F. Gaur. *Antibiotiki* 12 no. 11 961-971 '67.

576. 6(282, 25)—Asian rivers

Biological properties of vibrios isolated from the water and ice of the Kacha River in the area of the City of Krasnoyarsk. A. I. Zyrrinov. *Sov. nauch. i med. krasn. gos. med. no. 7* 101-106 '63.

576. 8(479, 22)—Georgian S. S. R.

Study of bean weevil in Georgia and its control measures. I. A. Chelidze. *Trudy Inst. zashch. rast. AN Gruz. SSR* 18 83-91 '66.

576. 8(479, 223)—Adzhara A. S. S. R.

Study of the injuriousness of the citrus white fly (*Dialeurodes citri* Ril et Il.) in Adzharia. N. K. Gapiindashvili. *Trudy Inst. zashch. rast. AN Gruz. SSR* 18 71-82 '66.

576. 8(471, 5)—Ural regions

Study of the propagation of tick-borne encephalitis virus in some species of experimentally infected mosquitoes of the Central Ural focus. Preliminary report. A. N. Alekseev, Z. N. Kondashova. *Med. paraz. i paraz. bol.* 36 no. 6 722-726 '67.

576. 8(574)—Kazakh S. S. R.

Coccidians in swine and cattle of Kazakhstan. S. K. Svanbaev. *Trudy Inst. zool. AN Kazakh SSR* 28 93-120 '67.

Coccidians of domestic and wild water fowl in Kazakhstan. N. K. Rahmatullina, S. K. Svanbaev. *Trudy Inst. zool. AN Kazakh SSR* 28 3-36 '67.

Onithodoros papillipes heats in natural spirochetosis foci of Kazakhstan. R. T. Akmetbekov. *Trudy Inst. zool. AN Kazakh SSR* 28 170-175 '67.

Spirochetes and spirochetosis in birds of Kazakhstan. M. P. Ilyukhin. *Trudy Inst. zool. AN Kazakh SSR* 28 151-169 '67.

576. 8(575 1)—Uzbek S. S. R.

[Carriers of human and animal disease agents in southern Uzbekistan] *Perenoschikiy vzbuditeley boleznei cheloveka i zhivotnykh v usloviyakh juga Uzbekistana*. Tashkent, "Fan," 1967. 197 p.

577 GENERAL PROPERTIES OF LIFE

Characteristics of transaminase activity changes in some organs in ontogeny. F. A. Kutateladze, M. I. Dzhabura. *Sov. AN Gruz. SSR* 48 no. 2 357-362 '67.

577. 1 BIOCHEMISTRY

Acetylating ability of the mucous membrane of the digestive tract in cattle. S. I. Kusen', B. P. Moravskiy. *Dop. AN URSS Ser. B* 29 no. 9 915-917 '67.

Activity of alkaline and acid phosphatases in osseous tissues of rabbits affected by plutonium-239. N. I. Elkina, R. P. Libinon. *Vop. med. khim.* 13 no. 6 591-597 '67.

Activity of glucose-6-phosphate dehydrogenase in some forms of hemolytic anemia. L. S. Astilan. *Vop. med. khim.* 13 no. 6 623-626 '67.

Activity of lipolytic enzymes of vascular walls in atherosclerosis and its connections with the lipomobilizing factor of the hypophysis. B. M. Lipovetskii and others. *Kardiologiya* 7 no. 12 82-86 '67.

Adenosine triphosphate activity and mitochondrial respiration under conditions of vitamin D₂ intoxication. L. P. Shepil'syna. *Vop. med. khim.* 13 no. 6 601-603 '67.

Advances in Soviet biochemistry as a theoretical basis for food production. A. I. Oparin. *Vop. pit.* 26 no. 5: 10-15 '67.

Biological activity of plant polyphenols. F. F. Shamrai, B. A. Medovar. *Vop. pit.* 26 no. 4:8-11 '67.

Calcium pangamate (vitamin B₁₂). *Farmatsiya* 16 no. 6:80 '67.

Change in the amino acid composition of yeast mash sweetened by enzymes of mold fungi. V. I. Tarovenko and others. *Form. i spirt. prom.* 31 no. 8:15-20 '65.

Changes in lipid metabolism in man following prolonged effect of industrial noises on the central nervous system. P. S. Khomulo, L. P. Rodionova, A. P. Rusinova. *Kardiologiya* 7 no. 7 35-38 '67.

Changes in protein metabolism in organs of a rabbit following burns under conditions of limited pain sensitivity in the burn area. T. L. Zaets, K. B. Korimov. *Eksper. khir. i anest.* 12 no. 6:49-52 '67.

Changes in some indices of nucleic acid metabolism in atherosclerosis. V. P. Kazanchikov, I. A. V. Poltavov. *Kardiologiya* 7 no. 7:22-25 '67.

Changes in the electrocardiogram and disorders of potassium metabolism in surgical interventions on the stomach. A. A. Krokhatov, B. M. Druanov, I. M. Grishina. *Kardiologiya* 7 no. 12:97-102 '67.

Characteristics of the accumulation of thiamine and its phosphoryl esters in the erythrocytes in rats. A. A. Rybina, T. M. Slonitsko. *Vop. med. khim.* 13 no. 6 617-623 '67.

Characteristics of the adaptation of plants to the conditions of Bukovina. O. S. Kotelchov. *Trudy Bot. inst. Ser. 4* no. 19 23-38 '67.

Characteristics of the metabolism in the myocardium. M. D. Diodorova. *Vop. med. khim.* 13 no. 6 563-573 '67.

Clinical and laboratory study of kanamycin in surgical patients. E. F. Safsien and others. *Antibiotiki* 12 no. 9 812-815 '67.

Complexometric determination of hyperoxide and its mixtures with some flavonoids. V. V. Belikov. *Farmatsiya* 16 no. 6 36-39 '67.

Congress on biochemistry in Tokyo. V. L. Kizlovich, N. S. Goltman. *Vest. AN SSSR* 37 no. 12 69-72 '67.

Content of incompletely oxidized blood products in dogs with experimental hypertension. P. V. Konyaseva. *Fiziol. zhur. [Ukr.]* 13 no. 6 837-838 '67.

Content of RNA in the glands of the endometrium in women in different phases of the normal menstrual cycle. I. T. Patikhan. *Arkh. anat., gist. i embr.* 53 no. 12:51-54 '67.

Content of sugar and cholesterol in the blood in primary arterial hypertension. Z. M. Salava, A. D. Abidov. *Azerb. med. zhur.* 44 no. 11:6-8 '67.

Correlation of human blood sugar and lipids in heavy physical loads of a different nature. IP. M. Kozhukhar. *Fiziol. zhur. [Ukr.]* 13 no. 6 784-787 '67.

Coumarin hydrantone from the roots of *Perula ladiakema*. N. P. Kirilov. *Khim. prirod. soed.* no. 6 363-367 '67.

Cytological analysis of the effect of cholera, adenalin, and serotonin antagonists on fertilized sea urchin egg cells. L. V. Berdyshcheva, L. N. Markova. *Tsitologiya* 9 no. 8 912-921 '67.

Cytology of vaginal smears in different stages of pregnancy. R. G. Mulla. *Trudy Novokuz. GIDUVA* no. 33 67-70 '66.

Cytophotometric determination of the content of DNA in hepatic cells in the process of their malignization. IU. A. Umanskiy and others. *Vop. onk.* 13 no. 10 103-108 '67.

Determination of 17-hydroxycorticosteroids in the urine following their transformation into 17-ketosteroids. I. T. Rozovskaya. *Lab. delo* no. 8 464-467 '67.

Determination of the lipolytic activity of microbes. A. A. Lentsner, M. A. Toom, K. I. Tamnaru. *Lab. delo* no. 11 608-601 '67.

Determination of thioformamide and formamide by infrared spectroscopy. G. M. Galperin and others. *Khim.-farm. zhur.* 1 no. 8 48-49 '67.

Development of clinical biochemistry during 50 years of Soviet power. IU. M. Gelfer, G. V. Derizl. *Lab. delo* no. 8 451-456 '67.

Development of metabolic acidosis in surgery on the heart. G. G. Gel'shtein, R. A. Motina, S. O. Apsh. *Kardiologiya* 7 no. 7 103-108 '67.

Development of metabolic processes in the human embryo in early stages of embryogenesis. IU. N. Shapovalov, A. I. Bruzilovskii. *Akush. i gin.* 43 no. 8 23-25 '67.

Development of vitamin research in the Soviet Union during the last 50 years. V. V. Tirmov. *Vop. pit.* 26 no. 5:23-33 '67.

Distribution of glutamic dehydrogenase in separate formations of the motor analyzer in some species of mammals. I. S. Kruglova. *Arkh. anat., gist. i embr.* 53 no. 12:79-88 '67.

Distribution of glutamic dehydrogenase in the hypothalamic structures of some mammals. O. V. Fiedina. *Arkh. anat., gist. i embr.* 53 no. 12:89-93 '67.

Dobrynya, V. I., and E. A. Sveshnikova. [Manual of practical work in biological chemistry. Compiled with the use of semimicroanalysis] *Rukovodstvo k prakticheskim zaniatiyam po biologicheskoi khimii. Sost. s primeneniem metodov polumikroanaliza. Izd. 2-o, 1-lapr. i dop. Moskva, "Meditsina," 1967. 343 p.*

Effect of adrenalectomy and hydrocortisone on the content of water-soluble proteins of the brain and liver. N. S. Kuznetsova. *Fiziol. zhur. [Ukr.]* 13 no. 6 833-837 '67.

Effect of aluminum and some aluminum alloys on ascorbic acid oxidation. Z. M. Evenshteyn. *Vop. pit.* 26 no. 4:12-15 '67.

Effect of cancerogenic compounds on the content of free radicals in animal tissues. D. M. Abdurashov, A. I. Nikolaev, A. I. Gaziev. *Vop. onk.* 13 no. 12:50-54 '67.

Effect of hypoxia and diaphase in the content of acetone bodies, acetylation and activity of hexokinase in tissues. E. K. Chirveikova, I. A. Mozgovaia, I. G. Shcherbak. *Vop. med. khim.* 13 no. 6:588-591 '67.

Effect of pangamic acid on experimental myocarditis in rabbits. M. V. Sokolov. *Kardiologiya* 7 no. 12:123-124 '67.

Effect of protein-enriched diet on the trypsin activity in the blood serum of chronic pancreatitis patients. V. A. Shaternikov, I. I. Kniazev, S. A. Tuzhik, Vop. pit. 26 no. 4:54-57 '67.

Effect of some physicochemical factors on the biosynthesis of vitamin B₁₂ and porphyrins by resting suspension of *Propionibacterium shermanii*. V. I. A. Bykhovskii, N. I. Zaitseva. *Dokl. AN SSSR* 176 no. 6:1435-1436 '67.

5771 (Continued)

Role of natural gibberellins in the photochemical reaction of peroxidation and glycolysis. I. F. Kochetkov, T. K. Maikova. Dokl. AN SSSR 177 no. 4 720-721 N '67.

581.1 (479.22)—Georgian S. S. R.

Study of *Mercuria salicifolia* L. in Georgia. T. V. Alkhazishvili. Trudy Inst. zashch. rast. AN Gruz SSR 18 3-15 '66.

581.1 PLANT PHYSIOLOGY AND METABOLISM

Absorption of radioactive phosphorus by fruit tree trunks and branches during winter dormancy. R. V. Gritits, E. A. Shishkin. Fiziol. rast. 14 no. 5 933-935 S-O '67.

Accumulation of pigments and changes in plastid apparatus in radish and lettuce leaves as related to spectral light composition. L. V. Kakhovich. Bot., issl. Bel. old. VBO no. 9 11-19 '67.

Activity of the photosynthetic apparatus and nitrogen metabolism. A. A. Nishiporovich and others. Fiziol. rast. 14 no. 5 819-859 S-O '67.

Effect of growth promoting substance of petroleum origin on growth and productivity of hybrid Zarif-tum. A. M. Mashev. Dokl. AN Azerb. SSR 23 no. 7 69-71 '67.

Analysis of chloramphenicol effect on corn root growth. V. B. Ivanov, N. V. Obucheva, T. K. Litinskaya. Fiziol. rast. 14 no. 5 785-793 S-O '67.

Antimutagenic effect of linal on *Allium fistulosum* L. U. K. Alekperov. Dokl. AN Azerb. SSR 23 no. 7 81-84 '67.

Antiradiation effect of gibberellins on plants. L. M. Krasnaya, K. K. Mukhammatova, I. F. Nazatova. Dokl. AN SSSR 177 no. 3 708-710 N '67.

Ash composition and total nitrogen content in leaves of oak and hornbeam in the forests of the Kuba-Khachmas region. Kh. G. Mamedov. Dokl. AN Azerb. SSR 23 no. 8 62-64 '67.

Carbohydrate metabolism of some plants as related to their geographical origin and their introduction in Georgia. R. I. Lerman, M. P. Kur'mina. Trudy Bot. inst. Ser. 4 no. 19 93-115 '67.

Carbon dioxide assimilation by leaves of higher plants exposed to monochromatic red light. D. A. Zakharov. Dokl. AN SSSR 177 no. 6 1492-1493 D '67.

Causes of low winter hardiness in fruit tree roots. I. I. Tumanov, N. N. Khvalin. Fiziol. rast. 11 no. 5 908-918 S-O '67.

Characteristics of the adaptation of plant to the conditions of Bukovina. O. S. Kozlovets. Trudy Bot. inst. Ser. 4 no. 19 23-38 '67.

Colchicine effect on *Betula verrucosa* Ehrh. seedlings. N. I. Kartel'. Bot., issl. Bel. old. VBO no. 9 129-134 '67.

Comparative ecology and physiologic study of *Medicago transcaspica* Vass. in the course of introduction. A. I. Smirniakova. Trudy Bot. inst. Ser. 1 no. 19 3-22 '67.

Comparative effect of natural growth inhibitors, narcotics and antibiotics on plant growth. V. I. Kefeli, R. Kh. Putskeia. Fiziol. rast. 14 no. 5 796-803 S-O '67.

Comparative study of physiological and biochemical characteristics of sterile lines, their fertile analogs and fertility restoring lines. A. N. Pavlov, Z. I. Losova. Bot., issl. Bel. old. VBO no. 9 33-41 '67.

The content of flavonoids in some species of wormwood. G. P. Pavlovskaya, L. S. Aliukina, L. K. Klyshev. Vest. AN Kazakh SSR 23 no. 9 60-65 S '67.

Content of plastid pigments and nucleic acids in rooted leaves. F. M. Abdullaeva, A. G. Iusutov. Trudy Bot. inst. Ser. 1 no. 19 159-173 '67.

Cultivation of detached leaves. A. G. Iusutov, T. M. Abdullaeva. Bot. zhur. 52 no. 11 1646-1656 N '67.

Device for studying plant transpiration. V. M. Terent'ev, L. G. Emel'yanov, V. V. Bokut'. Bot., issl. Bel. old. VBO no. 9 3-13 '67.

Direct effect of adenosine triphosphate on the absorbing apparatus in barley roots. D. B. Vakhnistov, M. P. Lasteva. Fiziol. rast. 14 no. 5 833-842 S-O '67.

Ecologic and physiologic characteristics of some plants cultivated in the desert of the southern Balkhash lake region. V. P. Bedenko. Trudy Bot. inst. Ser. 4 no. 19 36-62 '67.

Effect of apical bud on the cambial activity of common pine. V. I. Lashkevich. Bot., issl. Bel. old. VBO no. 9 162-167 '67.

Effect of chloramphenicol on protein synthesis in leaf discs. O. N. Kulnava, N. L. Klichko. Fiziol. rast. 14 no. 5 926-929 S-O '67.

Effect of drought on protein synthesis and ribosomal state in plants. P. A. Genkel', N. A. Satarova, E. K. Torus. Fiziol. rast. 11 no. 5 898-907 S-O '67.

Effect of ionizing radiation on the germination of some seeds of field crops and forest trees. I. A. Shavlashvili, I. A. Zedginidze. Trudy Inst. zashch. rast. AN Gruz SSR 18 189-200 '66.

Effect of light intensity on rooting of green cuttings. G. I. Shakhova. Biol. Glav. bot. sada no. 66 50-54 '67.

Effect of minerals on the intensity of photosynthesis in eggplant. M. G. Abutalybov, S. A. Rakhmanova, D. A. Aliev. Dokl. AN Azerb. SSR 23 no. 7 72-75 '67.

Effect of potassium ions on generation and conduction of action potentials in conducting bundles of the pumpkin (*Cucurbita pepo*) stalk. E. I. Vyskrebentseva, A. M. Simukhin. Fiziol. rast. 14 no. 5 823-832 S-O '67.

Effect of pre-soaking seed treatment with heteroauxin on the 3-nucleotidase activity. Z. V. Vasil'eva. Biol. Glav. bot. sada no. 66 71-74 '67.

Effect of retardants on growth and flowering of plants. M. Kh. Chaltalidze, V. G. Kochanov. Fiziol. rast. 14 no. 5 773-784 S-O '67.

Effect of succinic acid on seed germination. M. A. Kudinov. Biol. Glav. bot. sada no. 66 74-76 '67.

Effect of sulfuric acid aerosols on leaves of some birch species. V. G. Antipov. Bot., issl. Bel. old. VBO no. 9 124-128 '67.

Effect of trace elements and growth stimulators on *Syngia josikaea* Jacq. seedlings. D. S. Shatunova. Biol. Glav. bot. sada no. 66 54-58 '67.

Elementary chemical composition of some herbaceous and subshrub plant species in a forest. B. I. Lakushev. Bot., issl. Bel. old. VBO no. 9 95-101 '67.

Ethylene as highly effective defoliant. I. U. V. Rakitin. Fiziol. rast. 14 no. 5 936-951 S-O '67.

Fertilization of *Heperis steveniana* DC. G. B. Rodionova. Nauch. dokl. vys. shkoly. biol. nauki 10 no. 12 73-78 '67.

Formation of the membrane system of chloroplasts illuminated by various spectral rays. A. A. Shakhov, N. S. Balas, I. A. Kondrashkin. Fiziol. rast. 14 no. 5 872-879 S-O '67.

Tractation of prochlorophyll particles of chloroplasts in green barley leaves. A. A. Shlyk, G. E. Savchenko. Dokl. AN SSSR 176 no. 6 1437-1440 O '67.

Genetic activity of catechins isolated from tea plant. G. N. Vinkler, M. N. Zapirometov, V. K. Shchibakov. Dokl. AN SSSR 177 no. 3 699-702 N '67.

Germination of isolated embryos of some ash species. V. G. Iudin. Trudy Bot. inst. Ser. 4 no. 19 158-163 '67.

Growth and accumulation of pigments in *Chlorella* on the Tamia medium with potato juice addition. I. A. Lashchov and others. Bot., issl. Bel. old. VBO no. 9 3-9 '67.

Growth of corn seedling root cells following high-dose X-ray irradiation. Report No. 1. Inhibition of cell division, duration, and rate of root growth after irradiation. V. B. Ivanov. Trudy Biolog. 9 no. 8 958-966 Ag '67.

Growth of some maple species introduced in the Karakalpak. A. S. S. R. S. K. Labulov. Trudy Bot. inst. Ser. 4 no. 19 39-45 '67.

Growth stimulators with photogenic activity from beets and corn. N. D. Smashkovskii. Nauch. dokl. vys. shkoly. biol. nauki 10 no. 12 103-108 '67.

Gusev, N. A. [Physiology of water metabolism in plants] Fiziologiya vodobremena rastenii. [Moskva] Izd. Mosk. un-ta, 1966 134 p.

Interrelationship between sciradella, lupine, and oat through their root excretions. I. A. Kuzov. Bot., issl. Bel. old. VBO no. 9 41-46 '67.

Iron-containing coenzyme A in carbon dioxide acceptor in photosynthesis. V. E. Zaim', E. A. Holchenko. Fiziol. rast. 14 no. 5 943-949 S-O '67.

Localization of polysaccharides in the stem of Lankorian hollyhock and characteristics of its monosaccharide composition. I. S. Kozhina, N. A. Trukhaleva. Dokl. AN SSSR 177 no. 2 458-461 N '67.

Metabolism of succinic semialdehyde of γ -aminobutyric acid in plants. V. L. Kiselevich, T. I. Kariakina, N. V. Lulimova. Fiziol. rast. 11 no. 5 919-925 S-O '67.

Nitrogen content in the shoots of black currants of different origin. V. A. Mukhina. Trudy Bot. inst. Ser. 1 no. 19 129-139 '67.

Organic lupine matter as a source of plant nutrition. I. A. Ushkevich. Bot., issl. Bel. old. VBO no. 9 139-144 '67.

Photoenergetics of the synchronous *Chlorella* culture. L. N. Bell and others. Fiziol. rast. 14 no. 5 866-871 S-O '67.

Photosynthesis intensity in Oregon ash grown from irradiated seeds. M. A. Kudinov. Bot., issl. Bel. old. VBO no. 9 134-136 '67.

Photosynthesis intensity in woody plant seedlings growing on soils with different acidity. A. F. Ivanov, E. I. Moiseenko. Bot., issl. Bel. old. VBO no. 9 139-138 '67.

Physiological heterogeneity of English walnut shoots. E. N. Mikhailova, I. N. Konovalov. Trudy Bot. inst. Ser. 1 no. 19 206-215 '67.

Physiological processes and productivity of spring wheat cultivated at various altitudes. L. F. Belosludova and others. Trudy Bot. inst. Ser. 4 no. 19 63-80 '67.

Plant physiology in the Soviet Union during last fifty years, 1917-1967. Fiziol. rast. 14 no. 5 765-772 S-O '67.

Pollen germination and male gametophyte in some species of *Ruscus* Tourm. G. E. Kapinos, S. O. Guseinova. Dokl. AN Azerb. SSR 23 no. 7 76-80 '67.

Qualitative composition of proteins in leaves of black currants of different geographical origin. E. N. Mikhailova, L. M. Porodova. Trudy Bot. inst. Ser. 4 no. 19 116-120 '67.

Relationship between phosphorus absorption by cells of photocoal algae and oxidative phosphorylation. S. S. Belavskaya and others. Nauch. dokl. vys. shkoly. biol. nauki 10 no. 12 89-93 '67.

Role of nucleic acids and protein in radiostimulation of plant growth. S. O. Gochinskii, N. M. Formuk, N. V. Iat'yevskaya. Dokl. AN SSSR 177 no. 3 717-719 N '67.

Seasonal dynamics of the content of pigments and their biosynthesis in the leaves of black currants. V. S. Saakov, I. N. Konovalov, A. S. Saidov. Trudy Bot. inst. Ser. 4 no. 19 81-82 '67.

Significance of some microelements for the adaptation of cotton to adverse habitat. S. S. Abaeva, T. I. Stenlagina, D. K. Khodzhaev. Trudy Bot. inst. Ser. 4 no. 19 140-155 '67.

Some characteristics of growth process in black alder (*Alnus glutinosa*) as related to the types of forest. I. D. Iurkevich, N. F. Lovchik, V. S. Goltzman. Bot., issl. Bel. old. VBO no. 9 170-182 '67.

Study of the chemical nature and dynamics of the formation of lipid radiotoxins in higher plant tissues. I. U. B. Kudashov, P. A. Sharovskii, G. G. Ishmukhamedova. Nauch. dokl. vys. shkoly. biol. nauki 10 no. 12 64-68 '67.

Transformation of ^{14}C catechins introduced in plants. M. N. Zapirometov, V. I. A. Bukhlaeva. Fiziol. rast. 14 no. 5 801-812 S-O '67.

Transformation of sugars absorbed by the tissues of sugar beet leaf blades. A. L. Kurnanov, M. I. Brovchenko, E. P. Butenko. Fiziol. rast. 11 no. 5 811-822 S-O '67.

Translocation and transformation of defoliant bathyl-xanthogen trisulfide in plants. V. A. Kraft, A. S. Bolarev. Fiziol. rast. 14 no. 5 929-932 S-O '67.

Transport of molecular oxygen from aerial parts to the roots of *Cucurbita pepo*. B. B. Vartapetian and others. Dokl. AN SSSR 177 no. 6 1478-1481 D '67.

Triplet-triplet energy transfer with the participation of chlorophyll. A. K. Chibisov, A. V. Kasafin, M. E. Zubrilina. Dokl. AN SSSR 177 no. 2 166-170 N '67.

Use of a fruiting promoting substance of petroleum origin as a growth stimulator in woody plants. L. V. Kravchenko. Bot., issl. Bel. old. VBO no. 9 150-156 '67.

Water holding capacity in plants and the coefficient of water activity. A. A. Zialalov. Dokl. AN SSSR 177 no. 2 462-463 N '67.

581.2 PLANT DISEASES, INJURIES, MALFORMATIONS, PESTS

Changes in caffeic and chlorogenic acid content during storage in the peripheral layer of potato tubers of different varieties as to their resistance to *Phytophthora infestans*. V. F. Sokolova and others. Dokl. AN SSSR 177 no. 3 724-727 N '67.

Diseases of ornamental plants of the family Ranunculaceae. L. A. Shavlova. Biol. Glav. bot. sada no. 66 81-88 '67.

Effect of microelements and fertilizers on corn resistance to *Hemiteosporium* infection. A. A. Natsheishvili. Trudy Inst. zashch. rast. AN Gruz SSR 18 181-187 '66.

Microphyes *brevipunctatus* Nal. and its control. A. Z. Gordlenko. Biol. Glav. bot. sada no. 66 86-88 '67.

Genus *Cytospora* fungi parasitizing on apple trees. I. I. Minkovich. Biol. Glav. bot. sada no. 66 77-81 '67.

Nematoes in the rhizosphere of normal cotton and of *Verticillium* infected cotton. I. M. Sudakova, A. V. Stofakov, R. V. Mikulina. Zool. zhur. 46 no. 12 1753-1763 D '67.

Structural changes in mitochondria of tobacco leaves infected by virus. B. A. Rubin, I. U. V. Balchukin, M. E. Ladygina. Fiziol. rast. 14 no. 5 880-888 S-O '67.

Study of the toxin of *Phoma tracheiphila* fungus, a mal secco agent. R. I. Kiplani, K. G. Gokashvili. Trudy Inst. zashch. rast. AN Gruz. SSR 18 171-180 '66.

581.2 (479.22)—Georgian S. S. R.

Some biochemical and physiological changes in a new Georgian lemon as affected by chemical substances. Z. N. Kikachishvili. Trudy Inst. zashch. rast. AN Gruz. SSR 18 201-207 '66.

Study of red blight of pine needles in Georgia. A. K. Shishkhina, M. I. Tsanava. Trudy Inst. zashch. rast. AN Gruz. SSR 18 205-206 '66.

Study of the resistance of different varieties and forms of citrus fruits to mal secco. V. Z. Donadze. Trudy Inst. zashch. rast. AN Gruz. SSR 18 209-216 '66.

581.3 EMBRYOLOGY

Embryological causes for noncrossability of *Nicotiana glauca* R. Gray and *Petunia hybrida* Hort. M. M. Akhmedova. Biol. Glav. bot. sada no. 66 27-30 '67.

Germination of isolated embryos of some arctic species. V. G. Iudin. Trudy Bot. inst. Ser. 1 no. 19 156-163 '67.

Physiological characteristics of rooted cuttings with inverted polarity. A. G. Iusutov, I. N. Konovalov. Trudy Bot. inst. Ser. 4 no. 19 164-168 '67.

582.4(471.22)—Karelian A. S. S. R.

Effect of extracts from some herbaceous plants of pine forests on pine seedling growth. K. G. Lavrova. Uch. zap. Kar. ped. inst. 19:19-23 '66.

State of pine growth on different-type clear-cuttings of northern Karelia. I. P. Volkova, V. S. Voronova. Uch. zap. Kar. ped. inst. 19:9-18 '66.

582.4(471.67)—Daghestan A. S. S. R.

Rubia ibérica (Fisch., ex DC) C. Koch in Daghestan. P. Kh. Bekova. Bul. Glav. bot. sada no. 66:67-71 '67.

582.4(470)—White Russian S. S. R.

Characteristics of spruce forests of the Bialovezhzka Pushcha. V. S. Romanov, G. G. Dubovik. Bot., issl. Bel. old. VBO no. 9:232-237 '67.

Culture of *Pinus situbus* in White Russia. N. V. Shkutko. Bot., issl. Bel. old. VBO no. 9:218-222 '67.

Natural growth of *Hedera helix* L. in White Russia. V. I. Parfenov. Bot., issl. Bel. old. VBO no. 9:101-105 '67.

Organic matter accumulation dynamics in pine belonging to different growth classes. A. M. Borovikova. Bot., issl. Bel. old. VBO no. 9:167-170 '67.

Morphological forms of common pine. L. S. Vasil'evskaya. Bot., issl. Bel. old. VBO no. 9:156-162 '67.

582.4(477)—Ukrainian S. S. R.

Wild Crimean species of *Vicia*. V. V. Utkin, G. I. Nilov. Bul. Glav. bot. sada no. 66:63-67 '67.

582.4(470.24)—Azerbaijan S. S. R.

Aftereffect of growth promoting substance of petroleum origin on growth and productivity of hybrid *Zarbitut* mulberry. A. M. Maslov. Dokl. AN Azerb. SSR 23 no. 7:69-71 '67.

Ash composition and total nitrogen content in leaves of oak and hornbeam in the forests of the Kuba-Khachmaz Lowland. Kh. G. Muradov. Dokl. AN Azerb. SSR 23 no. 8:62-64 '67.

Localization of polysaccharides in the stem of Lankoran hollock and characteristics of its monosaccharide composition. I. S. Korzhina, N. A. Trufhalova. Dokl. AN SSSR 177 no. 2:458-461 N '67.

59 ZOOLOGY

Anniversary plenum of the Scientific Council on biological principles of reclamation, reconstruction and protection of the animal kingdom. P. V. Terent'ev. Zool. zhur. 46 no. 11:1731-1732 N '67.

Session of the Scientific Council of the International Biological Program and scientific centers of Versailles and Montpellier (France). M. S. Giliarov. Zool. zhur. 46 no. 12:1878-1880 D '67.

Zoological studies of southern seas. V. A. Vodianitskii. Zool. zhur. 46 no. 11:1641-1647 N '67.

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Morphological characters of bryozoan *Nodularia* (Fossamitrea) and their species description. A. A. Gerke. Uch. zap. NIIGA. Paleont. i biol. no. 19:6-34 '67.

Systematics and phylogeny of Choriellidae. V. I. Udal'tsin. Uch. zap. NIIGA. Paleont. i biol. no. 19:35-40 '67.

591.1 ANIMAL PHYSIOLOGY

Automatic microrespirometer for prolonged measurement of the oxygen consumption. A. L. Tyrov and others. Zool. zhur. 46 no. 12:1852-1856 D '67.

Butyric acid metabolism in the wall of the digestive canal in sheep. A. M. Emel'yanov. Trudy Sverd. sel'khoz. inst. 14:121-123 '65.

Case of anaphylactic shock in a piglet. N. P. Tsvetova, M. L. Naumcheva. Trudy VIGIS 12:268-269 '66.

Change in the sulphydryl groups in muscles in the course of thermal alteration. T. A. Kovaleva. TSitologiya 9 no. 8:1018-1021 Ag '67.

Caffeine effect on neuropsychic behavior of white rats and on acetylcholinesterase activity of brain preparations. H. G. Alekaidze, I. D. Lomouri. Soob. AN Gruz. SSR 48 no. 2:351-356 N '67.

Effect of additional artificial illumination on watermelon and melon seedlings. O. D. Skudnata and others. Bot., issl. Bel. old. VBO no. 9:10-21 '67.

Effect of Co60 gamma rays on the automatic activity of lymph hearts in frogs. M. N. Murav'ev, A. B. Tsylin. Dokl. AN SSSR 177 no. 2:479-482 N '67.

Effect of insulin deficiency on the activation of DNA and protein synthesis in the myocardium following the hyperfunction of the heart. F. Z. Meerson, K. M. Kariyev. Dokl. AN SSSR 177 no. 6:1493-1496 D '67.

Effect of light on the growth of bones in young pigs. A. F. Shumukhin, N. I. Loshukova, A. A. Prokhor. Trudy Sverd. sel'khoz. inst. 14:186-187 '65.

Effect of low-molecular fatty acids on the reserve alkalinity of the blood in sheep. A. I. Lubin, A. M. Emel'yanov. Trudy Sverd. sel'khoz. inst. 14:144 '65.

Effect of nutrition conditions on the carbohydrate and fat metabolism and productivity in cows. A. M. Emel'yanov, G. I. Gud, M. A. Smirnova. Trudy Sverd. sel'khoz. inst. 14:148-150 '66.

Effect of sapropel feeding on the reproductive capacity of bulls. G. B. Safonov. Trudy Sverd. sel'khoz. inst. 14:186 '65.

Effect of the enrichment of rations with iodine on the blood and milk in cows. M. Z. Vylegzhanin. Trudy Sverd. sel'khoz. inst. 14:161-162 '65.

Effect of the external environment on the lactation in cows. L. T. Liubimov. Trudy Sverd. sel'khoz. inst. 11:164-166 '63.

Effect of thyroxine and 6-methylthiourea on the concentration of volatile fatty acids in the rumen contents of sheep. V. K. Nikodimov. Trudy Sverd. sel'khoz. inst. 14:139-140 '65.

Electron microscopic data on the lipid excretion by *Triacnophorus nodulosus* (Pall.). V. A. Timofeev. TSitologiya 9 no. 11:1413-1415 N '67.

Exchange of nitrogen substances between the blood and the digestive canal in sheep when carbamide is included in rations. I. U. Kondrat'ev. Trudy Sverd. sel'khoz. inst. 14:133-135 '65.

Excitase and reproductive capacity of boars. A. D. Chernomykh. Trudy Sverd. sel'khoz. inst. 14:193-194 '65.

Food consumption as a function of body weight in crustaceans. L. B. Sushchenko, N. N. Khmeleva. Dokl. AN SSSR 176 no. 6:1128-1131 O '67.

Functional organization of afferent connections between Purkinje's cells of the paramedian lobe of the cerebellum. I. I. Arshavskii and others. Dokl. AN SSSR 177 no. 3:734-735 N '67.

Glycogen content in leucocytes following stimulation of mechanoreceptors of the stomach. A. K. Gabuchina. Dokl. AN Azerb. SSR 23 no. 8:80-82 '67.

Hemolymph of the lac insect (*Laccifer lac*). Z. K. Khadrabelli. Trudy Inst. zashch. inst. AN Gruz. SSR 16:137-148 '66.

Inclusion of P32-orthophosphate in acid-soluble nucleotides of the liver of rats and guinea pigs in vivo. V. I. Zhivkov. Dokl. AN SSSR 176 no. 6:1418-1450 O '67.

Loss of the regeneration capacity of the myocardium in postnatal period of mammals. L. V. Arhaldze, V. V. Nymnik. Dokl. AN SSSR 177 no. 6:1405-1408 D '67.

Low-molecular fatty acid content of sheep rumen. A. M. Emel'yanov. Trudy Sverd. sel'khoz. inst. 11:124-126 '65.

Materials for studying the blood of Romanov sheep. G. I. Selianin, L. A. Nosayeva. Trudy Sverd. sel'khoz. inst. 14:179-181 '65.

Metabolism of sugar, volatile fatty acids, and acetone bodies in the liver of sheep under the effect of adrenaline and insulin injections. F. M. Shudov. Trudy Sverd. sel'khoz. inst. 14:130-132 '65.

Methodology for evaluation of the quality of rooster semen. E. A. Malishevskii. Trudy Sverd. sel'khoz. inst. 14:201-203 '65.

Morphological structure of the epididymis of the testicles in roosters. E. A. Malishevskii. Trudy Sverd. sel'khoz. inst. 14:195-197 '65.

Morphology of cow ova during pregnancy and postpartum period. S. P. Petrov. Trudy Sverd. sel'khoz. inst. 14:161-162 '65.

Nature of the restoration of structure and function of the heart muscle in diphtherial myocarditis as affected by some biological preparations. L. V. Polezhaev and others. Dokl. AN SSSR 177 no. 6:1469-1492 D '67.

Relationship between the duration of action potential of separate muscle fibers of the heart and the restitution period of excitable membrane. E. B. Babitskii, E. I. A. Raikhaum. Dokl. AN SSSR 177 no. 3:736-739 N '67.

Some characteristics of the biology of the reproduction of Romanov sheep. G. I. Selianin. Trudy Sverd. sel'khoz. inst. 14:172-175 '65.

Tissue respiration in separate sections of the portal canal of the hypophysis in mammals. I. G. Akmev, M. G. Khovnaskaya, V. I. Prilutskii. Dokl. AN SSSR 176 no. 6:1445-1447 O '67.

Transformation of insulin in a solution. S. A. Marenkova. Dokl. AN SSSR 177 no. 6:1475-1477 D '67.

Vision of the large Transcaucasian termite *Anacanthotermes ahngerianus* Jacobs (Insecta, Isoptera) based on electrophysiological experiments. G. A. Mazokhin-Poyshnikov and others. Zool. zhur. 46 no. 11:1668-1675 N '67.

Ways for increasing the effectiveness of the artificial insemination of cows. R. F. Venkibets, E. A. Malishevskii. Trudy Sverd. sel'khoz. inst. 14:188-189 '65.

591.2 ANIMAL DISEASES, INJURIES, MALFORMATIONS, ETC.

Dynamics of the concentration of sugar hemoglobin, quantity of erythrocytes and leucocytes in the blood of cows with the anion and hypotony of the rumen. L. K. Emel'yanov. Trudy Sverd. sel'khoz. inst. 14:145-147 '65.

Etiology of lung diseases in sheep in Sverdlovsk Province. V. P. Gromov and others. Trudy Sverd. sel'khoz. inst. 14:231-232 '65.

Etiology of the abortion in cattle. G. V. Zhukov, G. N. Zubareva, E. N. Zhukova. Trudy Sverd. sel'khoz. inst. 14:205-206 '65.

Immunization characteristics of dry live brucellosis vaccine from strain No. 10. N. P. Lazarev. Trudy Sverd. sel'khoz. inst. 14:230 '65.

Interrelation between the branching type of milk canals and the systems originated in them by pathological changes. Z. P. Andreeva. Trudy Sverd. sel'khoz. inst. 14:155-157 '65.

Iodine metabolism in cranial organs and the thyroid gland in sheep with hyper- and hypothyroidism. V. K. Nikodimov. Trudy Sverd. sel'khoz. inst. 14:141-143 '65.

Metabolism of carbohydrate components and low-molecular fatty acids in the cranial organs of sheep with hyper- and hypothyroidism. V. K. Nikodimov. Trudy Sverd. sel'khoz. inst. 14:136-138 '65.

Reproduction of experimental histocytosis in cattle. M. K. Ganev, M. I. Gasanov. Dokl. AN Azerb. SSR 23 no. 8:68-71 '67.

Sensitivity of staphylococci isolated from cows with mastitis to antibiotics. V. I. Porinagin. Trudy Sverd. sel'khoz. inst. 11:226 '65.

Specific prophylaxis of paratyphoid fever for silver and arctic foxes. V. G. Sudakov. Trudy Sverd. sel'khoz. inst. 14:221-222 '65.

Studying paratyphoid bacterial carrier state in animals. G. V. Zhukov, E. N. Zhukova, T. M. Mitrapova. Trudy Sverd. sel'khoz. inst. 11:207-208 '65.

Testing the blood drop agglutination reaction for the diagnosis of tuberculosis in chickens. G. V. Zhukov and others. Trudy Sverd. sel'khoz. inst. 14:223-225 '65.

Training brucellosis in cows using formaldehyde-killed vaccine and streptomycin. N. P. Lazarev. Trudy Sverd. sel'khoz. inst. 11:229 '63.

Therapy of swine with trichoccephalosis. I. I. Vershinin, E. B. Khaturov, Zh. A. Svobodina. Trudy Sverd. sel'khoz. inst. 14:234-236 '65.

Use of ring test and allergen for the diagnosis of paratyphoid fever in calves. M. V. Morev, G. V. Zhukov. Trudy Sverd. sel'khoz. inst. 14:211-214 '65.

Use of sapropel in suppurative arthritis. N. P. Rashvcev. Trudy Sverd. sel'khoz. inst. 14:203-204 '65.

591.2(471.54)—Sverdlovsk Province

Helminth fauna of Romanov sheep in Alapaevsk District of Sverdlovsk Province. T. I. Iaroslavlev. Trudy Sverd. sel'khoz. inst. 14:233 '65.

591.3 EMBRYOLOGY

Glycogen in the placenta, trunk muscles and liver of Karakul sheep fetuses. T. I. Kasamanly. Dokl. AN SSSR 177 no. 2:183-185 N '67.

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Age-related changes in substantial properties of sea urchin nerve and muscle tissues. R. F. Fedlakina. TSitologiya 9 no. 8:927-933 Ag '67.

Cytophotometric study of the relationship of ploidy classes of cell nuclei in the rat liver. F. S. Valeeva. TSitologiya 9 no. 11:1421-1423 N '67.

Inductive inhibition of contiguous neurons of the optic center of the frog following light stimulation. V. G. Samsonova. Dokl. AN SSSR 177 no. 6:1497-1500 D '67.

Innervation of the portal vein in cattle. T. N. Arkhangel'skaya. Trudy Sverd. sel'khoz. inst. 14:160-162 '65.

Materials on the innervation of the portal vein in swine. T. N. Arkhangel'skaya. Trudy Sverd. sel'khoz. inst. 14:163 '65.

Structural formation of the walls of the test canal in cows. Z. P. Andreeva. Trudy Sverd. sel'khoz. inst. 14:153-154 '66.

Volumetric reconstruction of RNA distribution in the giant neuron of *Limnaea stagnalis*. G. G. Anokhin, E. N. Sokolov, V. I. Brodskii. TSitologiya 9 no. 11:1380-1385 N '67.

591.5 ECOLOGY

Caloricity of plankton of the tropical zone of the ocean. A. P. Ostapina, L. M. Sushchenko, N. N. Khmeleva. Okeanologia 7 no. 6:1100-1107 N-D '67.

Comparative data on the growth of young eel in the coastal areas of Murmansk in various years. N. I. Chugunova. Trudy MMBI no. 15:44-53 '67.

Development of water toxicology in the U. S. S. R. N. S. Stroganov. Nauch. dokl. vys. shkoly. biol. nauki 10 no. 12:7-21 '67.

Dynamics of size and age composition of haddock population and its migration in the southern part of the Barents Sea. M. A. Sonina. Trudy MMBI no. 15:3-43 '67.

Dynamics of unconditioned vascular and respiratory reactions in puppies during early ontogeny. V. N. Vlasova. Shor. nach. trud. Krasnodar. gos. med. in. 7:44-46 '63.

Ecology of the mayfly *Palingenia sublongicauda* Tshern. in the Volga Delta. A. A. Kosova. Zool. zhur. 46 no. 12:1856-1859 D '67.

Effect of the external environment on the lactation in cows. L. T. Liubimov. Trudy Sverd. sel'khoz. inst. 14:164-166 '65.

Flight of owl moths (*Lepidoptera*, *Noctuidae*) to different light sources in the alpine forest zone of the Crimea. Z. F. Kituchko. Zool. zhur. 46 no. 11:1721-1723 N '67.

Histogenesis of intestinal epithelium in mammal animals and man. N. P. Vasil'eva. Arkh. anat., gist. i embr. 53 no. 12:37-46 D '67.

Metabolism of sugar, volatile fatty acids, and acetone bodies in the digestive tract of sheep under the effect of adrenaline and some nutritive injections. F. M. Shudov. Trudy Sverd. sel'khoz. inst. 14:127-128 '65.

Some comparative data on the ecology and behavior of rove beetles (*Coleoptera*, *Staphylinidae*). A. L. Tikhomirova. Zool. zhur. 46 no. 12:1785-1788 D '67.

Use of the two-layer system for the calculation of the primary productivity of marine waters. V. V. Volkovinskii. Okeanologia 7 no. 6:1037-1052 N-D '67.

Value of angular displacement in the description of anadromous migration of salmon of the genus *Salmo*. D. K. Khalturin. Dokl. AN SSSR 177 no. 6:1462-1464 D '67.

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- Review of the classification of cestodes of the order ...
11 ...
- Some comparative data on the ecology and behavior of rove beetles ...
11 ...
- Structure and main physicochemical properties of *Ascaridia* ...
11 ...
- Study of the effect of some components of *Ascaridia* ...
11 ...
- Summary and future study of *Monogonophora* in fresh waters ...
11 ...
- Susceptibility of oil beetle mites to anapherous ...
11 ...
- Toxic and allergic phenomena in necrosis of piglets ...
11 ...
- Toxicity of chlorophyll for strains of *Musca* ...
11 ...
- Transformation of swimming extremities in the ...
11 ...
- Trichinella* invasion rate in swine determined on a sample ...
11 ...
- Two new leafhopper species of the genus *Trachodes* ...
11 ...
- Use of organic insecticides in controlling the ...
11 ...
- Use of some immunobiological reactions in diagnosis of echinococcosis ...
11 ...
- Vision of the large Transcaucasian termite *Antecap* ...
11 ...
- 595(262, 5) —Black Sea
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11 ...
- 595(280) —Antarctic Ocean
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11 ...
- 595(471, 45) —Volgograd Province
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11 ...
- 595(471, 46) —Astrakhan Province
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11 ...
- 595(477) —Ukrainian S. S. R.
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11 ...
- 595(477, 6) —Crimea
Flight of owl moths (Lepidoptera, Noctuidae) to different light sources ...
11 ...
- 595(470) —Caucasus and Transcaucasia
Material on the fauna and ecology of chigger of the Caucasus ...
11 ...

- Hemolymph of the lac insect (*Laccifer lacina* L.). Z. K. Khadzhishvili. Trudy Inst. zashch. rast. AN Gruz. SSR 18 137-148 '66.
- Materials on rice yellow Calandria oryzae L. in fields of Georgia. L. A. Vacheishvili. Trudy Inst. zashch. rast. AN Gruz. SSR 18 91-99 '66.
- Materials on the fantastic mycetozoa of the worm (Colopota, Tetractaria) in the Georgian S. S. R. D. N. Kobrkhidze. Trudy Inst. zashch. rast. AN Gruz. SSR 18 104-120 '66.
- Some bioecological characteristics of *Suctocophala buhalus* F. in Georgia. I. D. Rishashvili, G. I. Dzanordze. Trudy Inst. zashch. rast. AN Gruz. SSR 18 91-107 '66.
- Study of the effectiveness of some chemical preparations against *Synanthedon myopaeformis* Borkh. in Georgia. T. I. Chupidze. Trudy Inst. zashch. rast. AN Gruz. SSR 18 124-136 '66.
- Tetrastichus telarius* L. as tomato pest in Georgia and its control measures. T. M. Chivcharidze, L. A. Khushkivadze. Trudy Inst. zashch. rast. AN Gruz. SSR 18 11-57 '66.

595(479, 24)—Azerbaijan S. S. R.

- Gamasid mites (Parasitiformes, Gamasoidea) of bats in Azerbaijan. A. T. Gadzhiev, T. A. Dubovchenko. Zool. zhur. 46 no. 11 1706-1714 N '67.
- Trombiculid mites (Acari-formes) in the Lenkoran natural area of the Azerbaijan S. S. R. L. V. Mullarskaya, Z. P. Verdieva. Dokl. AN Azerb. SSR 23 no. 7 92-95 '67.
- The new genera of oribatid mites from Azerbaijan. K. A. Kulev. Dokl. AN Azerb. SSR 23 no. 7 85-91 '67.

595(571, 64)—Sakhalin Province

- Distribution of *Isodes angustus* Neum. (Isodidae). B. P. Savitskiy, L. V. Okuntsova. Zool. zhur. 46 no. 12 1849-1850 D '67.

595(575, 3)—Tajik S. S. R.

- Entomophaga of the owl moth *Agrotis segetum* Schiff. (Lepidoptera, Agrotinae) in Tajikistan. K. V. Kamenkova. Zool. zhur. 46 no. 12 1799-1809 D '67.

597 FISHES

- Trout, a new fishing object. N. Tatarikova. Ryb. khoz. 46 no. 112 '68.
- Characteristics of the formation of commercial fish stock and changes in the biological properties of fish populations as a basis for fish catch forecasts. T. I. Lamentova. Trudy VNIRO 62 9-19 '67.
- Effect of copper naphthenic acids on early stages of the development of salmon. A. F. Samylin. Uch. zap. Kar. ped. inst. 19 92-95 '66.
- Hemoglobin structure of the cytoplasm of frog erythrocytes. V. N. Karanukhov, R. T. Lin. Tsitologiya 9 no. 11 1116-1121 N '67.
- New norms of the natural loss of fish during the freezing process and storage. A. P. Kozhinovskan and others. Khod. tekhn. 14 no. 11 38-39 N '67.
- Phlebotomus lusitana* (Nematoda, Dracunculidae), a parasite of carp. V. M. Pasch and others. Zool. zhur. 46 no. 11 1713-1717 N '67.
- Some cytomorphological and cytochemical data on early stages of the embryonic development of *Acipenser guldenstaedti* Brandt and *A. mediventris* Lowitzky and their reciprocal hybrids. I. A. Chubanova. Dokl. AN SSSR 177 no. 2 486-488 N '67.
- Specific characters of *Caracanthus johnsoni*. V. P. Maksimov. Ryb. khoz. 46 no. 113-11 '68.
- Study of the family Moridae (Pisces, Gadiformes). A. N. Svetovidov. Zool. zhur. 46 no. 11 1681-1693 N '67.
- Value of angular displacement in the description of anadromous migration of salmon of the genus *Salmo*. B. K. Khaturin. Dokl. AN SSSR 177 no. 2 1462-1464 N '67.

597(262, 6)—Black Sea

- Evaluation of Azov herring resources. V. N. Maiskiy. Trudy VNIRO 62 190-196 '67.
- Gobius buccichel* Steindachner at the Caucasian shore of the Black Sea. V. I. Pluchuk. Zool. zhur. 46 no. 11 1724-1725 N '67.

597(262, 8)—Caspian Sea

- Diurnal course of feeding habits of sturgeons based on materials from the western region of the northern Caspian Sea in summer of 1963. M. I. Tsvetlova. Trudy Azerb. otd. TSNIORKH 6 53-66 '67.
- Summarizing the research on shugrains in the central and southern Caspian Sea and its immediate objectives. M. I. Legera, R. A. Maillan. Trudy Azerb. otd. TSNIORKH 6 5-12 '67.
- 597(268)—Arctic Ocean
- Comparative characteristics of feeding habits of cod and haddock. Report No. 2. A. V. Astaf'eva. Trudy MMRI no. 13 82-89 '67.
- Comparative data on the growth of young cod in the coastal areas of Murmansk in various years. N. I. Chugunova. Trudy MMRI no. 15 44-53 '67.
- Dynamics of size and age composition of haddock population and its migration in the southern part of the Barents Sea. M. A. Sonina. Trudy MMRI no. 15 3-43 '67.

Feeding habits of flounders of the Barents Sea under experimental conditions. I. F. Pordunov. Trudy MMRI no. 15 90-96 '67.

- Low-temperature effects on cod of the Barents Sea. V. V. Gerasimov, R. A. Tsech. Trudy MMRI no. 15 59-71 '67.
- Morphological characteristics of the maxillary and pharyngeal-gill apparatus in haddock *Melanogrammus aeglefinus* (L.). A. N. Astaf'eva. Trudy MMRI no. 15 97-104 '67.
- Natural factors of population dynamics of White Sea herring. O. A. Artyukova. Trudy VNIRO 62 160-180 '67.
- Seasonal changes in temperature resistance of young pollack *Polichus virens* L. I. V. Titbankin. Trudy MMRI no. 15 72-76 '67.
- Temperature resistance of the muscular tissue of cod, haddock and pollack of the Barents Sea. A. G. Pol'nosto. Trudy MMRI no. 15 77-81 '67.

597(265)—Pacific Ocean

- Methods of evaluating the Okhotsk herring resources. R. V. Turbin. Trudy VNIRO 62 129-139 '67.

597(282, 24)—European rivers

- Characteristics of spawning run and descent of sturgeon in the Volga River and its stock in 1962-1963. T. N. Shubina. Trudy Azerb. otd. TSNIORKH 6 41-52 '67.
- Food supply for young fish in the Volga River below the Volgograd Dam. P. N. Khochoshko. Trudy Azerb. otd. TSNIORKH 6 57-98 '67.

597(471, 22)—Karelian A. S. S. R.

- Guidelines for using local material in studying fish in school. A. S. Borisova. Uch. zap. Kar. ped. inst. 19 101-106 '66.
- Morphological and biological characteristics of perch in small humified bodies of water of the Konezh-Ozelo system. I. F. Lukhova. Uch. zap. Kar. ped. inst. 19 66-77 '66.
- Dynamics of whitefish and roach in Kuyvo lakes and their dynamics in relation to the host growth. L. A. Rumiantsev. Uch. zap. Kar. ped. inst. 19 78-91 '66.

597(471, 45)—Volgograd Province

- Spreading of *Ligula* infestation of fish in Tsimlyansk Reservoir. I. V. Kamenikh. Trudy VIGIS 12 159-164 '66.

597(471, 5)—Ural regions

- Importance of the Juvar of *Tandipididae* and gammarus in the nutrition of roach in some lakes on the eastern slope of the Central Urals. G. A. Sokolova. Trudy Sverd. sel'khoz. inst. 14 15 '65.

597(571, 55)—Chita Province

- Biological theories of the acclimatization of the Balk whitefish in Lake Arakhsley. G. L. Karayev. Izv. Zabai. old Geog. ob-va SSSR 1 no. 2 11-49 '65.

597(571, 6)—Soviet Far East

- Methods of determining the *Oncorhynchus nerka* population. I. V. Krugov. Trudy VNIRO 62 71-77 '67.

597(571, 62)—Khabarovsk Territory

- Parasites of the larvae as an indicator of the local origin of its lake and river species in the Chura Valley. N. M. Pionin. Izv. Zabai. old Geog. ob-va SSSR 1 no. 2 71-77 '65.

597(571, 66)—Kamchatka Province

- Methods of estimating the fish population in fishing grounds of Korfa-karaga herring stock. T. F. Lachina. Trudy VNIRO 62 122-128 '67.
- Methods of evaluating commercial flounder resources. V. I. Tikhonov. Trudy VNIRO 62 110-148 '67.

598.1 REPTILES

598.1(575, 4)—Turkmen S. S. R.

- Abundance of Testudo horsfieldi Gray. in the Badkhyz Preserve. I. U. M. Korotkov. Zool. zhur. 46 no. 12 1893-1894 D '67.

598.2 BIRDS

- Acoustic orientation of birds as a zoological problem; some aspects of biological acoustics of birds. V. D. Il'ichev. Zool. zhur. 46 no. 12 1741-1787 D '67.
- Analysis of signals of the external environment affecting nest behavior reactions in birds. A. P. Kapivnyi. Zool. zhur. 46 no. 11 1691-1700 N '67.
- Characteristics of nesting of birds in artificial nests and tree cavities. V. V. Stokov. Zool. zhur. 46 no. 12 1831-1836 D '67.
- Cocciidians of domestic and wild water fowl in Kazakhstan. N. K. Bakimatullina, S. K. Svanbaev. Trudy Inst. zool. AN Kazakh SSR, 28 5-36 '67.
- 598.2(471, 22)—Karelian A. S. S. R.
- Nesting of hedge sparrow (*Prunella modularis* L.) in the forests of Karelia. V. B. Zimun. Uch. zap. Kar. ped. inst. 19 96-100 '66.

- Jussi, Fred. [Seagulls are calling] Kajakad kutsuvad Tallinn, "Eesti Raamat," 1966 1 v. (chiefly illus.) [In Estonian]

598.2(571, 55)—Chita Province

- Ecology of the Siberian muskrat *Fiber zibetica davurica* Pall. A. P. Shukutova. Izv. Zabai. old Geog. ob-va SSSR 1 no. 2 50-55 '65.

599 MAMMALS

- Choline effect on neuropsychic behavior of white rats and on acetylcholinesterase activity of brain preparations. H. G. Aleksidze, I. D. Lomoni. Snob AN Gruz. SSR 48 no. 2 351-356 N '67.
- Distribution and abundance of Palaearctic shrews (Insectivora, Soricidae) in A. Dolgop. Zool. zhur. 46 no. 11 1701-1713 N '67.
- Friends live in the sea. A. Plakhotnik. Sov. zool. 49 no. 15 32-33 Ag '67.
- Kinetics of restoration processes in mammals following gamma irradiation. V. P. Gvales, L. Kh. Egidus, L. D. Plotnikov. Dokl. AN SSSR 177 no. 6 1460-1471 D '67.
- Nicotinic acid biosynthesis in the monkey. A. S. Kirakosova. Vop. pit. 26 no. 4 21-23 Ji-Ag '67.
- Specificity of coecidians in domestic and wild Artiodactyla. S. K. Svanbaev. Trudy Inst. zool. AN Kazakh SSR 28 43-56 '67.
- Study of relationship between HCT/PCV marker of type III poliomyelitis virus and immunofluorescence in monkeys. A. I. Krutinskaya and others. Vop. virus. 12 no. 6 680-682 N-D '67.
- Testing new rodenticides against field mice. I. M. Borishvili, M. S. Bagdasaryan, D. M. Bejdzec. Trudy Inst. zashch. rast. AN Gruz. SSR 18 149-158 '66.
- Urgent problems of radiogenetics in mammals. N. I. Shapiro, M. D. Pomerantseva. Genetika no. 11 120-124 N '67.
- Zavarzin, A. A. [Synthesis of DNA and kinetics of cell populations in mammalian ontogeny]. Sintez DNK i kinetika kletochnykh populatsii v ontogeneze mlekopitayushchikh. Leningrad, "Nauka," 1967 195 p.

599(571)—Asiatic R. S. F. S. R.

- New data on the geographical variability of the Siberian lemming (*Lemmus sibiricus* Kerr.) within the Palaearctic range. F. B. Cherniavskiy. Zool. zhur. 46 no. 12 1865-1867 D '67.

599(571, 511)—Taymyr National District

- Reproduction of wild reindeer on the Taymyr Peninsula. L. N. Michurin. Zool. zhur. 46 no. 12 1837-1841 D '67.

599(571, 53)—Irkutsk Province

- Reproduction of *Microtus maximovicchi* Sch. in the Selenga Delta (the Baikal Lake region). I. U. G. Shvetsov. Nauch. dokl. vs. shkoly biol. nauki 10 no. 12 39-42 '67.

6. APPLIED SCIENCES. MEDICINE. TECHNOLOGY

608 INVENTIONS PATENTABLE DISCOVERIES TRADEMARKS

- Gubarev, V. S., and V. E. Gorelov. [The era of great inventions] Vremia velikikh otkrytiy. [Moskva] "Mosk. rabochiy," 1967. 199 p.
- Gushchin, V. F. [Designing structural features of an invention] Konstruktorskaya razrabotka izobreteniya. [Leningrad] Lentsid, 1967 121 p. (Biblioteka rabochego-izobretatelya i racionalizatora).
- New developments in the field of science and technology. Prom. Aiz. 9 no. 9 67-69 '66.
- Spreading information about patents among the personnel of industrial enterprises. V. V. Kirillova. Bibliot. SSSR no. 33 83-89 '66.

608(479, 25)—Armenian S. S. R.

- News from plants, factories, construction sites. Prom. Aiz. 9 no. 9 61-62 '66.

61 MEDICAL SCIENCES. HEALTH AND SAFETY

- Aleksandr Nikolaevich Syzganov, on his 70th birthday. Trudy Kazakh. inst. klm, i eksp. khir. AMN SSSR 12 3-6 '66.
- The first hospital airplanes. Grazhd. av. 24 no. 8 6 Ag '67.
- History of the use of punched cards in medical practice. V. K. Grasis. Med. paraz. i paraz. bol. 36 no. 6 748-749 N-D '67.
- Mamed Emin Mustafa Ogly Efendiev. Azerb. med. zhur. 44 no. 11 77 N '67.
- Methodological and systematic bases of theoretical medicine. A. I. Strukov. Vest. AMN SSSR 22 no. 11 8-19 '67.
- Opening address by N. N. Blokhin, President of the Academy of Medical Sciences of the U. S. S. R. at the 25th Anniversary Session of the General Assembly of the Academy of Medical Sciences of the U. S. S. R. Vest. AMN SSSR 22 no. 11 5-7 '67.

612 1 (Continued)

- Study of leukocyte viability in cadaveric blood. S.V. Ryzhko, V.M. Kiseleva. *Probl. gemat. i perel. krovi* 12 no. 11:77-81 N-D '67.
- Study of the cardiovascular system and disorders of lipid metabolism in twins. L.N. Ignatova. *Kardiologiya* 7 no. 12:46-49 D '67.
- Tissue factors of blood coagulation in the valvular apparatus of the heart. B.I. Kuznik and others. *Kardiologiya* 7 no. 7:130-133 JI '67.
- Test of antithrombotic antibodies in immunized persons during the process of donation. I.V. Burakov, N.I. Petrakovets. *Probl. gemat. i perel. krovi* 12 no. 11:49-52 N '67.
- Transsternal phlebography in cancer of the breast. B.S. Rozanov, P.N. Sukhovetov. *Khirurgiya* 43 no. 6:62-66 Ag '67.
- Virus-inhibiting activity of the blood and secretions. V.N. Kazakova, P.N. Kosnikov. *Vop. virus* 12 no. 6:702-705 N-D '67.
- 612 2 RESPIRATION**
- Carbohydrate and phosphorus metabolism in the liver and lungs of healthy animals following the introduction of tubercle bacilli preparations. Zh.Z. Kharakter. *Vop. med. khim.* 13 no. 6:611-615 N-D '67.
- Differences in the topography of the ligamentum pulmonale. V.K. Tsvirko. *Shoi. nauch. trud. Krasnoiar. gos. med. univ.* 7:140-143 '63.
- Dynamics of unconditioned vascular and respiratory reactions in puppies during early ontogeny. V.N. Vlasova. *Shoi. nauch. trud. Krasnoiar. gos. med. univ.* 7:44-45 '63.
- Early sporting achievements of swimmers. I.P. Volkov. *Teor. i prikl. fiz. kul't.* 30 no. 10:23-25 O '67.
- Effect of bioflavonoids on the oxidizing phosphorylation in mitochondria of the liver. I.F. Petras. *Vop. med. khim.* 13 no. 6:574-578 N-D '67.
- Effect of gustatory stimulants on vascular and respiratory reactions in puppies during early ontogeny. V.N. Vlasova. *Shoi. nauch. trud. Krasnoiar. gos. med. univ.* 7:46-49 '63.
- Effect of reflexes from the dura mater on the cardiovascular system and respiration. O.V. Rozumilskii. *Fiziol. zhur. [Ukr.]* 13 no. 6:751-758 N-D '67.
- Effect of the structure and state of the erythrocytes on the affinity of the blood to oxygen. F.A. Mishurov, G.V. Daviz. *Vop. med. khim.* 13 no. 6:570-581 N-D '67.
- Maximal use of oxygen in 8 to 14-year-old children. S.B. Tikhonovskii, Z.P. Romanova. *Teor. i prikl. fiz. kul't.* 30 no. 10:47 O '67.
- Method of direct measuring of the oxidation-reduction potential. S.G. Smirnov, A.A. Bureeva. *Lab. delo* no. 8:508 '67.
- Respiration and gas exchange in young and elderly persons under the effect of muscular activity. I.V. Muravov, K.T. Sokolov. *Fiziol. zhur. [Ukr.]* 13 no. 6:770-783 N-D '67.
- Simplified method for determining the functional residual volume of the lungs by means of radioactive xenon. O.F. Shlygina, T.K. Kabal'dinov, I.Y.S. Joffe. *Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR* 12:13-46 '66.
- Supplementary arteries and lobes of human lungs. V.K. Tsvirko. *Shoi. nauch. trud. Krasnoiar. gos. med. univ.* 7:149-151 '63.
- Topography of the radix pulmonis. V.K. Tsvirko. *Shoi. nauch. trud. Krasnoiar. gos. med. univ.* 7:113-116 '63.

612 3 DIGESTION AND NUTRITION

- Carbohydrate and phosphorus metabolism in the liver and lungs of healthy animals following the introduction of tubercle bacilli preparations. Zh.Z. Kharakter. *Vop. med. khim.* 13 no. 6:611-615 N-D '67.
- Changes in the glycogen in animal liver under the effect of general vertical vibration. T.G. Iakubovich, Arkh. anat., gist. i embr. 53 no. 12:55-58 D '67.
- Effect of bioflavonoids on the oxidizing phosphorylation in mitochondria of the liver. I.F. Petras. *Vop. med. khim.* 13 no. 6:574-578 N-D '67.
- Effect of phosphorus-enriched diet with different amount of fat and vitamin D on osteogenesis in growing white rats. K.K. Golikov. *Vop. pit.* 26 no. 4:24-28 JI-Ag '67.
- Effect of reesterified fat on the secretory function of the stomach. I.U. A. Sysoev, L.S. Fomina. *Vop. pit.* 26 no. 4:58-62 JI-Ag '67.
- Effect of stimulation of chemoreceptors and thermoreceptors of the esophagus on gastric secretion. A.T. Pashonik, I.U. Savchenko. *Shoi. nauch. trud. Krasnoiar. gos. med. univ.* 7:63-65 '63.
- Electric potentials of the longitudinal and annular layers of the smooth muscles of the small intestine. H.M. Chatchchenko. *Fiziol. zhur. [Ukr.]* 13 no. 6:816-818 N-D '67.
- Experimental suture joining skin with mucous membrane of the bile duct and gallbladder. A.S. Lezhava. Arkh. anat., gist. i embr. 53 no. 12:33-37 D '67.
- Food research and the 50th anniversary of the Great October Socialist Revolution. *Vop. pit.* 26 no. 5:3-8 S-O '67.
- Glycolysis and its regulation by individual components of the nerve cell in rest and in excitation. B.I. Khaikina, V.E. Iakushko. *Vop. med. khim.* 13 no. 6:605-611 N-D '67.
- Gorskova, S.M., and I.T. Kuritsin. [Mechanisms of bile secretion] *Mekhanizmy zhelchevydelenia* Leningrad, "Nauka," 1967. 287 p.
- Histogenesis of intestinal epithelium in mammal animals and man. N.E. Vasileva. Arkh. anat., gist. i embr. 53 no. 12:37-40 D '67.
- Indices of the functional state of the liver in normal course of pregnancy. G.B. Bezmoshchenko. *Akush. i gin.* 43 no. 8:58-62 Ag '67.
- Intestinal absorption of vitamin B₁₂ in mammals, a survey of literature. A.V. Trufanov. *Vop. pit.* 26 no. 4:3-8 JI-Ag '67.
- Intestinal plastic surgery in the treatment of urogenital fistulas. V.F. Khomenko. *Trudy Novokuz. GIDUVA* no. 33:257-260 '66.
- Kinetics of the cellular population of the crypts of the small intestine in mice irradiated with X rays. A.M. Kononenko, G.V. Faisanov. Arkh. anat., gist. i embr. 53 no. 12:27-33 D '67.
- M.N. Shaternikov, founder of Russian nutrition research. O.P. Melchukova. *Vop. pit.* 26 no. 5:73-76 S-O '67.
- Origin and clinical significance of the volume of gastric juice. F.F. Kostuk. *Shoi. nauch. trud. Krasnoiar. gos. med. univ.* 7:215-249 '63.
- Relationship between tributyrin, dipeptide, and sucrose in their hydrolysis by the mucous membrane of the small intestine. N.M. Timofeeva and others. *Dokl. AN SSSR* 176 no. 6:1451-1454 O '67.
- Solemn session dedicated to the 50th anniversary of the Great October. *Vop. pit.* 26 no. 5:93-94 S-O '67.
- Some aspects of the development of food biochemistry during the 50 years of Soviet rule. A.F. Sharpenak. *Vop. pit.* 26 no. 5:33-48 S-O '67.
- Spectrophotometric determination of vitamin A in the blood and liver, concerning some works by V.A. Karpacheva, F.I. Petrova. *Vop. med. khim.* 13 no. 6:640-642 N-D '67.
- Virus-inhibiting activity of the blood and secretions. V.N. Kazakova, P.N. Kosnikov. *Vop. virus* 12 no. 6:702-705 N-D '67.
- 612 4 GLANDULAR PHYSIOLOGY SECRETION EXCRETION**
- Activity of lipolytic enzymes of vascular walls in atherosclerosis and its connections with the lipomobilizing factor of the hypophysis. B.M. Lipovetskiil and others. *Kardiologiya* 7 no. 12:82-86 D '67.
- Comparative analysis of the effectiveness of diuretic action of aldacton "A" and lasix in cardiac insufficiency. E.S. Diodova. *Sov. med.* 30 no. 12:56-59 D '67.
- Content of RNA in the glands of the endometrium in women in different phases of the normal menstrual cycle. I.T. Patrikian. Arkh. anat., gist. i embr. 53 no. 12:51-54 D '67.
- The content of uropesin in the urine of ski racers. N.N. Baranov. *Teor. i prikl. fiz. kul't.* 30 no. 10:45-46 O '67.
- Effect of calcium salts on the excretion of phosphorus compounds and alkaline phosphatase with the bile. V.D. Romanenko. *Fiziol. zhur. [Ukr.]* 13 no. 6:794-798 N-D '67.
- Lipid cells of Antchikov's myocyte type in the thyroid gland. M.I. Badin. Arkh. anat., gist. i embr. 53 no. 12:102-103 D '67.
- Excretion of common neutral 17-ketosteroids and dehydroisandrosterone in the follicular and luteal phases of the normal menstrual cycle. L.F. Rotkina. *Trudy Novokuz. GIDUVA* no. 33:234-239 '66.
- Fluorescence spectra of bile acids in sulfuric acid. D.V. Starosel'skii. *Lab. delo* no. 8:469-471 '67.
- Hormones and the problems of physiological and reparative regeneration of the bones, a review of Soviet and foreign literature. A.M. Belous, F.IA. Pankov. *Ortop., travm. i protet.* 28 no. 10:111-118 N '67.
- Letter to the editors. Z.S. Katnel'son, R.N. Chukalovskaya. Arkh. anat., gist. i embr. 53 no. 12:118-119 D '67.
- Morphology and tissue affiliation of cells of primary typized renal cultures. S.A. Vozoman. Arkh. anat., gist. i embr. 53 no. 12:19-26 D '67.
- Origin and clinical significance of the volume of gastric juice. F.F. Kostuk. *Shoi. nauch. trud. Krasnoiar. gos. med. univ.* 7:215-249 '63.
- Study of the lymphatic system of the diaphragm in man following intraperitoneal hemorrhages. I.A. Voskresenskii. *Shoi. nauch. trud. Krasnoiar. gos. med. univ.* 7:137-139 '63.
- Use of thin-layer chromatography in the determination of corticosterone in the blood flowing from the adrenal gland. P.P. Golikov. *Lab. delo* no. 8:467-469 '67.
- 612 5 ANIMAL HEAT. BODY TEMPERATURE**
- Heat production in the kidney in spontaneous diabetes. A.A. Aidaraliev. *Fiziol. zhur. [Ukr.]* 13 no. 6:839-841 N-D '67.
- Measuring skin temperature as a basis for the evaluation of the state of the peripheral blood circulation in arterial diseases. V.M. Slonko. *Vest. khir.* 99 no. 11:26-29 N '67.
- 612 6 REPRODUCTION DEVELOPMENT GROWTH. AGING. DEATH**
- Age-related dynamics of the symptom of "combined flexion of the hip with the trunk." P.S. Babkin. *Shoi. nauch. trud. Krasnoiar. gos. med. univ.* 7:380-393 '63.

Case of lethal fibrinolysis following surgery on the lung. V.M. Panchenko, V.L. Manovich. *Vest. khir.* 99 no. 11:137-140 N '67.

Causes and prevention of antenatal death based on materials of the obstetrical clinic of Novokuznetsk Institute of Advanced Training of Physicians. T.V. Golubeva. *Trudy Novokuz. GIDUVA* no. 33:146-148 '66.

Changes in the endothelium of blood capillaries and vessels of the diaphragm in rabbits during the process of development. G.G. Aminova. Arkh. anat., gist. i embr. 53 no. 12:99-102 D '67.

Changes in the protein component of cow milk following its processing with cation exchanger KU-L. A.V. Bogolubova. *Vop. pit.* 26 no. 4:69-73 JI-Ag '67.

Content of RNA in the glands of the endometrium in women in different phases of the normal menstrual cycle. I.T. Patrikian. Arkh. anat., gist. i embr. 53 no. 12:51-54 D '67.

Detection of embryonic globulins in the blood serum of embryos and full-term newborn infants. I.U.S. Tatarinov and others. *Akush. i gin.* 43 no. 8:20-22 Ag '67.

Development of metabolic processes in the human embryo in early stages of embryogenesis. I.U. Shapovalov, A.I. Brusilovskii. *Akush. i gin.* 43 no. 8:23-25 Ag '67.

Effect of galactosin on the contractile activity of the uterus. V.T. Kaminskaya. *Akush. i gin.* 43 no. 8:62-66 Ag '67.

Effect of penicillin and streptomycin on lactation in patients. N.N. Rudneva. *Akush. i gin.* 43 no. 9:18-22 S '67.

Effect of the season and lactation period on the content of trace elements in the milk of pigs. R.IA. Iukhmovets. *Fiziol. zhur. [Ukr.]* 13 no. 6:849-852 N-D '67.

Effect of ultrasound on the regeneration of the skeletal musculature in mammals. M.IU. Kagan, E.S. Nashedkina. *Shoi. nauch. trud. Krasnoiar. gos. med. univ.* 7:71-75 '63.

Excretion of common neutral 17-ketosteroids and dehydroisandrosterone in the follicular and luteal phases of the normal menstrual cycle. L.F. Rotkina. *Trudy Novokuz. GIDUVA* no. 33:231-239 '66.

Extractive-complexometric determination of calcium in milk with the help of azo-azoy BN reagent. F.P. Gorbunov, Z.M. Vashun. *Vop. pit.* 26 no. 4:73-77 JI-Ag '67.

Fetal-maternal circulation; a review of literature. V.A. Strukov. *Akush. i gin.* 43 no. 8:16-20 Ag '67.

Generative function of the female organism in youth. L.I. Bogorov. *Trudy Novokuz. GIDUVA* no. 33:149-155 '66.

Influence of ACTH on endocrine organs of castrated rats. N.N. Volova, I.M. Sapelkina, R.A. Khentov. *Eksp. khir. i anest.* 12 no. 5:43-44 S-O '67.

Influence of the folic acid antitumor aminopterin on preservation of skin homographs. S.IA. Osetrova. *Eksp. khir. i anest.* 12 no. 5:58-59 S-O '67.

Materials on the differential diagnosis between cardiosclerosis and mitral defects of the heart in the presence of cardiac fibrillation in old age. V.A. Kononachenko and others. *Azob. med. zhur.* 44 no. 9:19-26 S '67.

Premature puberty. V.L. Shkol'nikova. *Trudy Novokuz. GIDUVA* no. 33:306-311 '66.

Regeneration of erythrocytes and serum iron in donors. D.I. Rafailson and others. *Probl. gemat. i perel. krovi* 12 no. 11:52-57 N '67.

Some problems in preventing stillbirth. E.V. Golubeva. *Trudy Novokuz. GIDUVA* no. 33:141-145 '66.

Study of the generative function of the ovaries in cows by means of the fistula technique. N.A. Martynenko. *Fiziol. zhur. [Ukr.]* 13 no. 6:847-849 N-D '67.

[Transplantation of organs] *Pere sadka organov*. Pod red. I.D. Kirpatovskogo. Moskva, "Meditsina," 1967. 300 p. (DNLM)

Ultrastructure of the placenta in noncomplicated full-term pregnancy. A.IA. Krasnikova. *Akush. i gin.* 43 no. 8:25-29 Ag '67.

612 7 ORGANS OF MOVEMENT VOICE. SKIN

Assimilation of the atlas. V. Gladkov, A. Shishkina. *Shoi. nauch. trud. Krasnoiar. gos. med. univ.* 7:133-137 '63.

The development of muscle strength in physical education classes. Sh.D. Buzdze. *Teor. i prikl. fiz. kul't.* 30 no. 10:66-67 O '67.

A device for balancing the position in measuring the strength of the various groups of muscles. M.E. Kluev, Z.T. Polents. *Teor. i prikl. fiz. kul't.* 30 no. 10:37 O '67.

Distribution of glutamic dehydrogenase in separate formations of the motor analyzer in some species of mammals. I.S. Kruglova. Arkh. anat., gist. i embr. 53 no. 12:79-88 D '67.

Effect of galactosin on the contractile activity of the uterus. V.T. Kaminskaya. *Akush. i gin.* 43 no. 8:62-66 Ag '67.

Effect of insufficient general nutrition on the regeneration of the skeletal musculature in mice. M.IU. Kagan. *Shoi. nauch. trud. Krasnoiar. gos. med. univ.* 7:68-71 '63.

Effect of the introduction of deoxytocicosterone on the correlation of sodium and potassium in extra- and intracellular spaces of striate muscles in rats. I.O. Harina, M.O. Imel'yanov. *Fiziol. zhur. [Ukr.]* 13 no. 6:799-804 N-D '67.

612.7 (Continued)

- Effect of ultrasound on the regeneration of the skeletal musculature in mammals.** M. I. Kagan, F. D. Pashchenko, Shoi nauch. tr. Krasnoyarsk gos. med. 7 71-75 '63.
- Electric potentials of the longitudinal and annular layers of the smooth muscles of the small intestine.** I. M. Chirichenko. Fiziol. zhur. [Ukr.] 11 no. 6 816-818 N-D '67.
- Eosinophilic reaction of the skin during use of various dyes.** V. V. Soldatov. Vop. ku. i. fizioter. i. lek. fiz. kul't. 32 no. 6 537-542 N-D '67.
- Material ingredients of the speech of the scientist style.** S. D. Bereznev. Trudy Sverd. sel'khoz. inst. 11 270-271 '65.
- Mechanics of the rotational movements of man around a fixed axis.** V. P. Nazarov. Fiz. i. prikl. fiz. kul't. 30 no. 10 19-22 O '67.
- On the typology of stammering and differentiated methods for its elimination.** V. A. Koshnikov. Uch. zap. Ped. inst. Gerts. 206 150-156 '66.
- Permeability of muscle fiber membrane by sodium ions and the distribution of sodium ions between muscle fibers and medium.** G. I. Romanenko, S. V. Vyrupants, I. M. Abramenko. Fiziologia 9 no. 11 1354-1370 N '67.
- Pharmacology of Oxytropis pilosa extract.** E. A. Danilova. Shoi nauch. tr. Krasnoyarsk gos. med. 7 86-88 '63.
- Protective function of histohemetic barriers in skin grafting.** V. I. Kostykin and others. Eksp. khim. i. anal. 12 no. 6 11-19 N-D '67.
- Some electrographic data on the problem of the physiologic mechanism of muscular effort coordination under various conditions.** Report No. 2 Characteristics of the carrying out of muscular effort during general and local fatigue. A. A. Naumova. Nov. issl. i. ped. nauk no. 9 156-160 '67.
- Specific characteristics in the reading of stammering.** V. A. Koshnikov. Uch. zap. Ped. inst. Gerts. 206 159-187 '66.
- "Types of fasting" motility of the duodenum in man under normal conditions and in pathology, based on electroduodenographic and mechanoduodenographic data.** R. P. Makov. Fiziol. zhur. [Ukr.] 13 no. 6 810-823 N '67.
- Vacuolation of skeletal muscle fibers.** Report No. 1. Vacuolation after washing out of low-molecular non-electrolytes. S. A. Krolenko, S. I. Adamyan, N. L. Shvinka. Fiziologia 9 no. 11 1346-1353 N '67.
- ## 612.8 NERVOUS SYSTEM SENSE ORGANS
- Aftereffects of the brain nervous processes in children.** G. P. Antonova. Nov. issl. i. ped. nauk no. 9 150-155 '67.
- Changes in the potentials of the spinal cord in rhythmic stimulations of the afferent nerve.** O. O. Shubakov. Fiziol. zhur. [Ukr.] 13 no. 6 730-741 N-D '67.
- Changes in the typological characteristics of the nervous system in different age periods in dogs of a strong type.** T. O. Dzhioeva, V. O. Troshchukin. Fiziol. zhur. [Ukr.] 13 no. 6 723-731 N-D '67.
- Device for mechanical stimulation in chronic experiments of the dura mater and cerebral cortex in dogs.** P. M. Vengrzhanovskiy. Fiziol. zhur. [Ukr.] 13 no. 6 858 N-D '67.
- Distribution of glutamic dehydrogenase in separate formations of the motor analyzer in some species of mammals.** I. S. Kuglova, A. Kh. anat., gist. i. embr. 43 no. 12 70-88 D '67.
- Distribution of glutamic dehydrogenase in the hypothalamic structures of some mammals.** O. V. Fedelina. Arkh. anat., gist. i. embr. 53 no. 12 89-93 D '67.
- Effect of gustatory stimulants on vascular and respiratory reactions in puppies during early ontogeny.** V. N. Vlasova. Shoi nauch. tr. Krasnoyarsk gos. med. 7 46-49 '63.
- Effect of Oxytropis pilosa extract on motor-alimentary conditioned reflexes.** L. A. Danilova. Shoi nauch. tr. Krasnoyarsk gos. med. 7 88-90 '63.
- Effect of reflexes from the dura mater on the cardiovascular system and respiration.** O. V. Rozumial. Fiziol. zhur. [Ukr.] 13 no. 6 753-759 N-D '67.
- Effect of stimulation of chemoreceptors and their moreceptors of the esophagus on gastric secretion.** A. T. Pshonik, I. U. Savchenko. Shoi nauch. tr. Krasnoyarsk gos. med. 7 62-65 '63.
- Effect of the reticular formation of the brain stem on the functional condition of receptors.** O. P. Dobromyslova. Nauch. dokl. vys. shkoly, biol. nauk 10 no. 12 43-47 '67.
- Glycolysis and its regulation by individual components of the nerve cell in rest and in excitation.** B. I. Khaikina, V. E. Iakushko. Vop. med. khim. 13 no. 6 605-611 N-D '67.
- Histochemical data on the classification of neurons of the cerebellar cortex.** A. M. Antonova. Arkh. anat., gist. i. embr. 53 no. 12 84-99 D '67.
- Histochemical study of nerve cells of the esophageal plexus under ionizing effects.** Z. I. Tkachenko. Fiziol. zhur. [Ukr.] 13 no. 6 841-844 N-D '67.
- Hydrogen sulphide baths and the hematoencephalic barrier.** C. G. Kopleva. Vop. ku. i. fizioter. i. lek. fiz. kul't. 32 no. 6 501-505 N-D '67.
- Interaction of separate groups of preganglionic fibers in the superior cervical sympathetic ganglion.** V. I. Skok, V. M. Mykhodovskiy. Fiziol. zhur. [Ukr.] 13 no. 6 732-738 N-D '67.
- Kondrat'eva, I. N., and E. N. Kondrat'ev. [Neuron is answering a signal]. Neuron otychaet na signal. Moskva, "Nauka," 1967. 59 p. (Nauch. popul. seilia).**
- Methodology of studying conditioned reflexes in small laboratory animals.** Zh. O. Krutchenko, V. O. Troshchukin, M. V. Makarenko. Fiziol. zhur. [Ukr.] 13 no. 6 853-857 N-D '67.
- Morphological data on afferent innervation of different nuclei of the lumbar portion of the spinal cord in cats.** I. O. Savos'kina, O. V. Slaboplytskiy, V. D. Tyshchenko. Fiziol. zhur. [Ukr.] 13 no. 6 745-752 N-D '67.
- Moskalenko, I. U. [Dynamics of blood filling of the brain under normal conditions and in gravitation loads]. Dinamika krovenapopolnenia golovnoy mozga v norme i pri gravitatsionnykh nagruzkakh. Leningrad, Nauka, 1967. 216 p. (Problemy kosmicheskoy biologii, vol. 5).**
- Neuropsychology, a new branch of the science of psychology.** E. D. Klamenska. Vop. psikh. 13 no. 5 103-113 S-O '67.
- Path of venous outflow from the cervical portion of the sympathetic trunk in man.** V. V. Gladkov. Shoi nauch. tr. Krasnoyarsk gos. med. 7 140-142 '63.
- Problems of the psychology of preception in the 8th International Psychological Congress.** L. A. Venger, A. V. Zaporozhets, V. P. Zinchenko. Vop. psikh. 13 no. 5 150-174 S-O '67.
- Problems of vision in the works of Soviet psychologists and physiologists.** A. I. Bogoslovskiy. Vop. psikh. 13 no. 5 124-138 S-O '67.
- Puchinskaya, L. M. [Electrocortical reactions to light in man]. Elektrokorikal'nye reaktsii na svet u cheloveka. Novosibirsk, "Nauka," 1967. 143 p.**
- Receptor areas of the eye movement reflex.** A. M. Fonarev. Nov. issl. i. ped. nauk no. 9 143-148 '67.
- Relationship between the formation of conditioned responses of neurons of the cortical vicaration of unconditioned stimulus and the level of background activity.** N. N. Vasilevskiy, V. V. Trubchev. Dokl. AN SSSR 177 no. 2 475-478 N '67.
- Response of mono- and binocular cells from the superior cervical sympathetic ganglion of rabbit to the extirpation of the contralateral ganglion.** V. N. Litvin. Fiziologia 9 no. 11 1378-1384 N '67.
- Smirnov, A. I. [Role of the tonus of vagus nerve centers in economic form of cardiac activity]. Rol' tonusa tsentrov bluzhdauushechikh nervov v ekonomicheskoy serdtshechnoy delatel'nosti. Moskva, "Meditsina," 1967. 51 p.**
- State of the hematoencephalic barrier in experimental burns.** N. A. Vagin and others. Shoi nauch. tr. Krasnoyarsk gos. med. 7 56-62 '63.
- Structure of neurosecretory hypothalamic neurons and their structural correlations with vascular capillaries.** S. M. Milenkov. Arkh. anat., gist. i. embr. 53 no. 12, 59-72 D '67.
- Structures of the sympathetic portion of the vegetative nervous system of the retina in cats.** S. A. Shikova. Arkh. anat., gist. i. embr. 53 no. 12 73-79 D '67.
- Study of dynamics of cortical processes in donors before and after donation of blood.** V. M. Barginina. Shoi nauch. tr. Krasnoyarsk gos. med. 7 21-27 '63.
- Topography of ganglia of the lumbar portion of the sympathetic trunk in fetuses, newborn infants and young children.** A. T. Astakhova. Shoi nauch. tr. Krasnoyarsk gos. med. 7 129-133 '63.
- ## 613 HEALTH AND HYGIENE
- Development of hygiene in the U.S.S.R. during 50 years.** A. A. Letavet. Vest. AMN SSSR 22 no. 11 87-95 '67.
- Fifteenth All-Union Congress of Hygienists and Public Health Physicians.** M. G. Shevchenko. Vop. pit. 26 no. 5 89-92 S-O '67.
- Industrial aesthetics in the enterprises of the dairy industry.** V. I. Rutnikova. Khim. prom. no. 5 63-64 O '67.
- ## 613.1 CLIMATIC FACTORS
- All-Union symposium on medical climatology, climato-therapy, and climatoprophylaxis.** Sukhumi, June 6-10, 1967. I. I. Gligor'ev, K. E. Miskov. Vop. ku. i. fizioter. i. lek. fiz. kul't. 32 no. 6 568-568 N-D '67.
- Some aspects of recent achievements in the preparation of medicogeographical maps.** B. V. Vershinskiy, A. A. Keller. Izv. Vses. geog. ob-va 99 no. 4 335-335 Ji-Ag '67.
- Some data on comparative characteristics of the adaptation process to hypoxia and the method of stage acclimatization to high-mountain climate.** N. M. Shumyatskiy. Fiziol. zhur. [Ukr.] 13 no. 6 824-827 N-D '67.
- Some physiological mechanisms of the effect of high-mountain climate on the course of bronchial asthma.** V. I. Kyryovuk. Fiziol. zhur. [Ukr.] 13 no. 6 788-793 N-D '67.
- Vitamin B12 content in organisms of healthy persons during various seasons of the year in Tashkent.** E. R. Mallina, E. A. Gent. Sov. med. 30 no. 12 71-72 D '67.
- ## 613.2 DIETETICS FEEDING FOODS
- Alimentary allergy in chronic enterocolitis patients.** N. Nedkova-Bratanova and others. Vop. pit. 26 no. 4: 50-53 Ji-Ag '67.
- Alimentary factor in the treatment and prevention of coronary insufficiency.** E. G. Paramonova, M. A. Samonov. Kardiologiya 7 no. 12 32-38 D '67.
- Changes in the protein component of cow milk following its processing with cation exchanger KU-1.** V. I. Bogobubova. Vop. pit. 26 no. 4 69-73 Ji-Ag '67.
- Characteristics of small hard cheeses maturing in polymer films.** R. Ramanauskas. Vop. pit. 26 no. 4 66-68 Ji-Ag '67.
- The children's diet in summer.** V. Vedrashko. Doshk. vosp. 40 no. 5 72-76 '67.

- Clinical importance of diets enriched with lipotropic factors for chronic liver patients.** F. A. Belal and others. Vop. pit. 26 no. 1 40-15 Ji-Ag '67.
- Development and advances in nutrition hygiene during the last 50 years (1917-1967).** F. F. Budagian. Vop. pit. 26 no. 5 15-23 S-O '67.
- Effect of aluminum and some aluminum alloys on ascorbic acid oxidation.** Z. M. Fyentshik. Vop. pit. 26 no. 4 12-15 Ji-Ag '67.
- Effect of insufficient general nutrition on the regeneration of the skeletal musculature in mice.** M. I. Kagan. Shoi nauch. tr. Krasnoyarsk gos. med. 7 69 '63.
- Effect of reducing diet on the state of the cardiovascular system in obesity patients.** V. A. Olenova, N. S. Taras, T. A. Kuz'minova. Vop. pit. 26 no. 4 35-40 Ji-Ag '67.
- Free and esterified cholesterol content in the muscle tissue of slaughtered animals.** I. U. Moskalenko, L. F. Krifman. Vop. pit. 26 no. 4 62-66 Ji-Ag '67.
- Greens that are rich in vitamins.** B. A. Molodtsov. Doshk. vosp. 40 no. 5 91-92 '67.
- Hygienic assessment of superheated fats.** T. S. Medvedevich, N. N. Aleksandrova, V. F. Malayina. Vop. pit. 26 no. 1 77-81 Ji-Ag '67.
- Parenteral feeding in anesthesiology.** A. V. Subkhaj, L. I. Gerasimova, R. V. Mezentseva. Eksp. khim. i. anal. 12 no. 6 52-56 N-D '67.
- Present state and future research in the field of toxicology and hygienic standardization of pesticides in food products.** A. I. Shitenberg. Vop. pit. 26 no. 5 51-62 S-O '67.
- Sanitary-epidemiological service in solving urgent problems of nutrition hygiene.** M. G. Shchepchenko. Vop. pit. 26 no. 5 62-67 S-O '67.
- Sixteenth Session of the Institute of Nutrition of the Academy of Medical Sciences of the U.S.S.R.** S. G. Apt'kin, K. I. Egorov. Vop. pit. 26 no. 5 84-89 S-O '67.
- Some urgent problems of nutrition hygiene.** A. A. Pavlovskiy. Vop. pit. 26 no. 5 12-53 S-O '67.
- Urgent problems of research in the field of food for athletes.** N. N. Iakovlev. Vop. pit. 26 no. 5 67-72 S-O '67.
- V. I. Lenin's role in solving public nutrition problems, on the 50th anniversary of Soviet rule and centenary of the birth of V. I. Lenin.** I. P. Barchenko, A. M. Chistiakova, V. D. Vankhanen. Vop. pit. 26 no. 5 6-10 S-O '67.

613.4 BODY CARE AND CLEANLINESS

- The children's clothing as seen by a physician.** G. Terent'eva. Doshk. vosp. 40 no. 7 33-35 '67.

613.6 OCCUPATIONAL AND INDUSTRIAL HYGIENE

- Aesthetics reached the workshop.** K. D. Davydov. Metallurg 13 no. 1 37-38 Ja '68.
- Etiopathogenesis, clinical aspects, treatment and prevention of occupational dermatoses in workers of food factories of the synthetic fiber plant.** I. I. Gittel'zon and others. Shoi nauch. tr. Krasnoyarsk gos. med. 7 123-126 '63.
- Moskalenko, I. U. [Dynamics of blood filling of the brain under normal conditions and in gravitation loads]. Dinamika krovenapopolnenia golovnoy mozga v norme i pri gravitatsionnykh nagruzkakh. Leningrad, Nauka, 1967. 216 p. (Problemy kosmicheskoy biologii, vol. 5).**
- Neuroendocrine disorders in workers of the nylon industry exposed to prolonged action of small concentrations of caprolactam and Dowtherm.** A. A. Bashurov, L. P. Krasnuk. Azerb. med. zhur. 44 no. 8 75-80 Ag '67.
- Occupational dermatoses in Krasnoyarsk Tire Plant and their prevention.** I. I. Gittel'zon and others. Shoi nauch. tr. Krasnoyarsk gos. med. 7 126-128 '63.
- Role of occupational factors in the development and clinical manifestation of cervical osteochondrosis.** A. I. Vainik. Sov. med. 30 no. 12 100-104 D '67.
- Sanitary and hygienic characteristics of noise on seagoing vessels of Caspian navigation.** R. O. Amirov, I. U. M. Razamat. Azerb. med. zhur. 44 no. 11 42-46 N '67.
- State of the urogenital system in women working in some shops of an aluminum plant.** L. V. Dobovolskaya. Trudy Novokuz. GIDUVA no. 33 321-326 '63.

613.6(571.17)—Kemerovo Province

- Course of climacteric and menopause in women working in some shops of the Kuznetsk Metallurgical Combine.** B. L. Shkol'nikova, M. N. Kovalevskaya. Trudy Novokuz. GIDUVA no. 33 315-320 '66.

613.6(571.51)—Krasnoyarsk Territory

- Etiopathogenesis, clinical aspects, prevention and treatment of occupational diseases of the skin in workers of Krasnoyarsk Cellulose, Paper and Hydrolysis Combine.** I. I. Gittel'zon and others. Shoi nauch. tr. Krasnoyarsk gos. med. 7 120-122 '63.
- Sanitary-hygienic state of some machine-tractor stations in Krasnoyarsk Territory.** I. P. Ganina, Z. N. Shepelevich, V. M. Polakova. Shoi nauch. tr. Krasnoyarsk gos. med. 7 117-120 '63.

613.7 EXERCISE RECREATION REST SLEEP

- Correlation of human blood sugar and lipids in heavy physical loads of a different nature. I. E. M. Kozhukhar. Fiziol. zhur. [Ukr.] 13 no. 6 781-787 N-D '67.
- Industrial gymnastics. A. Shchud'kov. Priof. -tekh. obsl. 24 no. 11 9-10 N '67.
- Physical training during the leisure hours of workers. B. Basim. Teor. i prakt. fiz. kul't. 30 no. 10 61-63 O '67.
- Physical training of steel workers under the new conditions of work and leisure. I. U. S. Tarabshin. Teor. i prakt. fiz. kul't. 30 no. 10 52-51 O '67.
- Physical training of textile workers. I. U. I. Berdichevskii, V. I. Lianke. Teor. i prakt. fiz. kul't. 30 no. 10 58-61 O '67.
- Respiration and gas exchange in young and elderly persons under the effect of muscular activity. I. V. Muzavov, K. T. Solov'ev. Fiziol. zhur. [Ukr.] 13 no. 6 778-783 N-D '67.

613.9 HYGIENE IN RELATION TO RACE, AGE AND SEX

- Derankova, E. B., A. A. Gabelov, and N. G. Orpyshko. [Problems of sex; for adults about children.] Voprosy polia, vzrastym o detakh. Moskva, "Meditsina," 1966 46 p. (Nauchno-popul'naya meditsinskaya literatura)
- Generative function of the female organism in youth. L. I. Bogorov. Trudy Novokuz. GIDUVa no. 33 149-155 '66.
- Glushova, E. K. [School holidays] Shkol'nye kanikuly Moskva, "Meditsina," 1967 40 p. (Nauch.-popul. med. literatura).

614 PUBLIC HEALTH AND SAFETY

- Activity of the seminar of workers of a number of disinfection installations and sanitary-epidemiological stations on the problems of fly control conducted by the Central Scientific Research Disinfection Institute. I. V. Gvozdeva, T. O. Telyayeva. Med. paraz. i paraz. bol. 35 no. 6 757-758 N-D '67.
- Detoxification of methachlorophenylisocyanate in the air analysis of printing chambers. V. A. Tret'yakova. Lab. delo no. 8 478-476 '67.
- Fifteenth All-Union Congress of Hygienists and Public Health Physicians. M. G. Shevchenko. Vop. pit. 26 no. 5-89-92 S-O '67.
- Lentinskii, A. I., and M. I. A. Likhten. [Pediatric outpatient and polyclinical surgery] Detskaya ambulatorno-poliklinicheskaya khirurgiya. Pod red. S. I. A. Doletskogo Moskva, "Meditsina," 1967. 451 p. (B-kh. prakt. vracha).
- Results of scientific and practical work in public health service in control of infectious diseases in the U.S.S.R. P. G. Sargiev. Vest. AMN SSSR 22 no. 11-96-103 '67.
- Some problems of the organization of medical aid for persons with penetrating gunshot wounds of the abdominal cavity against the background of acute radiation sickness. U. M. Lubenskii. Shor. nauch. trud. Krasnoyarsk. gos. med. no. 7 174-176 '63.
- Soviet public health service in the postwar years. Azerb. med. zhur. 44 no. 8 3-8 Ag '67.

614(571)—Asiatic R. S. F. S. R.

- [Essays on the history of medicine and public health in Western Siberia and Kazakhstan during the period of the annexation to Russia, 1710-1868] Ocherki istorii meditsiny i zdoravookruzeniya. Zapadnoi Sibiri i Kazakhstana v period prisoedineniya k Rossii, 1710-1868. Novosibirsk, Zapadno-Sibirskoe kn. izd., 1967. 578 p.

614(571.51)—Krasnoyarsk Territory

- Public health in cities of Yenisey Government and Krasnoyarsk Territory. G. I. Rozet, I. P. Kushnei. Shor. nauch. trud. Krasnoyarsk. gos. med. no. 7 11-17 '63.

614.2 OFFICIAL AND PROFESSIONAL ORGANIZATION

- Hospital pharmacies should be run on a self supporting basis. M. N. Bushkova and others. Farmatsiya 16 no. 6 15-16 N-D '67.
- Importance of computers in the management of pharmacy. I. K. Agalakova, N. A. Agalakov. Farmatsiya 16 no. 6 6-10 N-D '67.
- Tasks of primary importance. M. A. Khuev. Farmatsiya 16 no. 6 3-6 N-D '67.

614.2(597.7)—North Vietnam

- 22 days in the Democratic Republic of Vietnam. F. G. Uglov. Vest. khir. 89 no. 8 127-133 Ag '67.
- 22 days in the Democratic Republic of Vietnam. F. G. Uglov. Vest. khir. 89 no. 8 133-137 S '67.

614.3 FOOD, DRUGS, HEALTH AND SANITARY INSPECTION, SUPERVISION AND CONTROL

- Sanitary-epidemiological service in solving urgent problems of nutrition hygiene. M. G. Shevchenko. Vop. pit. 26 no. 5 62-67 S-O '67.
- Study of the vitamin A supply for school children by using the size of the blind spot in the eye as an indicator. V. M. Setivanova. Vop. pit. 26 no. 4 85-86 JI-Ag '67.

614.8 ACCIDENTS. PREVENTION, PROTECTION, SAFETY

- Diagnosis of drowning by the method of determining pseudoplankton. I. D. Kindalova. Shor. nauch. trud. Krasnoyarsk. gos. med. no. 7 151-158 '63.
- Frequency of accidents on submarines in navies of capitalist countries. A. A. Narushev. Mor. shor. 51 no. 12 76-80 D '67.
- An important problem. I. A. Butko. Prof.-tekh. obr. 23 no. 5 13-14 Mv '66.
- Indictment and interrogation of the accused as a part of the investigation of the criminal violation of the rules of industrial hygiene and safety. N. P. Iablukov. Vest. Mosk. univ. Ser. 12. Pravo 22 no. 6 32-31 N-D '67.

Mezhoblastnaya nauchno-prakticheskaya konferentsiya

- Surgeons, Orthopedists and Traumatologists jointly with the Out-of-town Session of the Scientific Council of Leningrad State Scientific Research Institute of Traumatology and Orthopedics. Materialy Belgorod, [1967], 166 p.
- Responsibilities of a ship's commander in accidents in international waters. I. E. Taribayev. Mor. shor. 50 no. 9 81-88 S '67.
- Some results in studying the ignition of acetylene - an mixture by heated particles. N. A. Borkov, P. S. Zverdin, L. B. Reznik. Fiz. gos. i vyryva 3 no. 2 255-260 Jc '67.

614.8(477)—Ukrainian S. S. R.

- Characteristics of traumatism in a rural district. V. M. Grubnik. Ortop. i travm. i protez. 20 no. 9 56-62 S '67.

615 PHARMACY PHARMACOLOGY TOXICOLOGY

- Aleksii Gavrilovich Barchikov, an obituary. Med. tekhn. 1 no. 2-63 Mr-Ap '67.
- In honor of the anniversary of the Great October Socialist Revolution. I. I. Shvarts, Bolshoyk-Lenninsk. party card No 195. Khim. farm. zhur. 1 no. 11 3-5 '67.
- Use of Krasnoyarsk latex for the manufacturing of corrosive preparations. V. Gladkov, G. Lukinykh. Shor. nauch. trud. Krasnoyarsk. gos. med. no. 7 452-451 '63.

615(471.31)—Moscow Province

- Economic reform in action. N. V. Delektorskii, N. M. Shmakov. Khim. -farm. zhur. 1 no. 8 3-8 Ag '67.

615(62)—Northeast Africa, Egypt and Sudan

- Pharmacy in the United Arab Republic. S. I. Ladygin. Farmatsiya 16 no. 6 74-75 N-D '67.

615.3 ORGANIC MATERIA MEDICA

- Alopecia following operation on the heart under artificial blood circulation. V. T. Bylazarjan, V. A. Voinov. Vest. khir. 89 no. 11 140-141 N '67.
- Biological properties of preparations of nucleic acids, obtained from tumors in animals. A. P. Belousov, I. M. Mir'em, M. K. Kochetkova. Vop. enk. 13 no. 10 100-111 '67.
- Bloodbank of rare groups stored in frozen condition. M. A. Umnova and others. Probl. gemat. i perel. krov. 12 no. 11 44-49 N '67.
- Butane hydrocortisone. A. V. Konstantinov. Vest. dermat. i ven. 41 no. 7-92 JI '67.
- Changes in the microstructure of blood during its freezing and damage of its cellular elements. V. I. Todorovich, G. A. Kozlov. Tsitologia 6 no. 8 989-1012 Ag '67.
- Comparative study of the effectiveness of two doses of gamma globulin in seroprophylaxis of measles. G. V. Ignatieva and others. Vop. virus. 12 no. 6 747-754 N-D '67.
- Complexometric determination of hyperoxide and its mixtures with some flavonoids. V. V. Bolikov. Farmatsiya 16 no. 6 36-39 N-D '67.
- Determination of thioformamide and formamide by infrared spectroscopy. G. M. Galperin and others. Khim. -farm. zhur. 1 no. 8 48-49 Ag '67.
- Effect of ACTH and cortisone combined with micro-waves on experimental absorption in the knee joint. M. I. Iatsenko. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 6 498-501 N-D '67.
- Effect of adrenalectomy and hydrocortisone on the content of water-soluble proteins of the brain and liver. N. S. Kuznetsova. Fiziol. zhur. [Ukr.] 13 no. 6 833-837 N-D '67.
- Effect of adrenalin on adhesive properties of blood platelets. V. P. Mishchenko, O. N. Akubenko. Lab. delo no. 8 478-479 '67.
- Effect of different corticosteroids on the clinical course of local hyperergic reaction (phenomenon of Arthus). V. N. Mordovtsev. Vest. dermat. i ven. 41 no. 7 36-40 JI '67.
- Effect of galascorbin on the contractile activity of the uterus. V. T. Kaminskaya. Akush. i gin. 43 no. 8 62-68 Ag '67.
- Effect of multiple blood donations on the morphological composition of the blood. G. I. Kasimov, G. A. Guseinov. Azerb. med. zhur. 44 no. 11 9-13 N '67.

Effect of transplantation of splenic cells and introduction of splenic extracts on hematopoiesis in experimental leukemia. N. M. Petukova. Probl. gemat. i perel. krov. 12 no. 8 38-44 Ag '67.

Experience in treating diseases of the locomotor apparatus with hydrocortisone phosphonates. S. N. Safinulov, A. A. Pushkareva. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 6 487-488 N-D '67.

5 years of experience in the collection of blood obtained in the surgery of uterine abortion for the purpose of producing gamma globulin. N. I. Kirina, V. S. Bondareva. Trudy Novokuz. GIDUVa no. 33 417-419 '66.

Immunization characteristics of dry live brucellosis vaccine from strain No. 12. N. P. Lazarev. Trudy Sverd. sel'khoz. inst. 14 230 '65.

Improving the preparation of agar-aluminous vaccines against pyatyphoid fever in calves and young pigs. G. V. Zhukov, I. U. L. Kiseva. Trudy Sverd. sel'khoz. inst. 14 200-210 '65.

Influence of ACTH on endocrine organs of castrated rats. N. N. Volova, I. M. Sapelkina, R. A. Khenkov. Eksp. khir. i anest. 12 no. 5 43-44 S-O '67.

Inhibitive effect of fatty acids on the cardiac muscle. I. A. Zaidler, R. A. Dulitskaya. Kardiologia 7 no. 12. 50-54 D '67.

Intensity of leucocyte emigration in the oral cavity in diseases of the blood system following the transfusion of blood and its components. A. E. Zolotarev. Probl. gemat. i perel. krov. 12 no. 8 27-30 Ag '67.

Intraosseous administration of blood, plasma, and drugs in young children. Z. M. Keimov, Izobr. med. zhur. 41 no. 9 53-55 S '67.

Live measles vaccine in diploid human cells; safety, infectivity and immunogenicity. G. G. Andzhaparidze and others. Vop. virus. 12 no. 6 651-657 N-D '67.

Medicinal forms for the chlorophyll-carotin paste. N. K. Zubkova, S. A. Minina. Farmatsiya 16 no. 6 61-62 N-D '67.

Methodology of 5-fluorouracil treatment of gastric cancer. D. B. Korman, I. S. Evsenko, R. S. Orlova. Vop. onk. 13 no. 12 61-65 '67.

Organophosphorus compounds 307 and 308 in compound treatment of experimental fractures. U. I. A. Bogdanovich, D. A. V. Selovskii, I. M. Spukov. Ortop. i travm. i protez. 20 no. 9 49-40 S '67.

Pharmacological study of Ruscus hyrcanus G. Wron and Gypsophila capitata M. B. of the Azerbaijan flora. G. B. Iskenderov. Az. rb. med. zhur. 44 no. 11 27-30 N '67.

Photometry in analysis of biologically highly potent drug preparations. Report No. 2. A. M. Aliiev. Farmatsiya 16 no. 6 66-71 N-D '67.

Phytochemistry of Leonurus quinquelobatus Gilib. L. M. Korlova. Farmatsiya 16 no. 6 23-25 N-D '67.

Present-day scientific and practical aspects of the blood transfusion problem in surgery. B. V. Petrovskii. Khirurgiya 47 no. 8 10-16 Ag '67.

Principles in using sex hormones for menstrual disorders in women of childbearing age. E. M. Vikhlianova. Akush. i gin. 43 no. 9 69-71 S '67.

Regeneration of erythrocytes and serum iron in donors. D. I. Rafailson and others. Probl. gemat. i perel. krov. 12 no. 11 52-57 N '67.

Significance of the determination of haptoglobin in some diseases of the blood system. E. I. Tunchenko, A. I. Blinova. Probl. gemat. i perel. krov. 12 no. 11 32-37 N '67.

Study of dynamics of cortical processes in donors before and after donation of blood. V. M. Bargumina. Shor. nauch. trud. Krasnoyarsk. gos. med. no. 7 24-27 '63.

Study of leucocyte viability in cadaveric blood. S. V. Ryzhkov, V. M. Kiseleva. Probl. gemat. i perel. krov. 12 no. 11 57-61 N '67.

Symposium on Radiation Sterilization of Medical Products. [MAGATE]. B. Zhukov. Atom. energ. 23 no. 6 584-585 D '67.

Synthesis of compounds of the β -carboline series. Report No. 2. Condensation of 5-hydroxytryptamine (serotonin) with aldehydes and keto acids. N. S. Kaverina, M. P. Putriva, G. P. Men'shikov. Khim. -farm. zhur. 1 no. 8 43-44 Ag '67.

Test of specificity and sensitivity of Sonne and Flexner's erythrocytic diagnostics in dysentery. I. U. L. Subbotina and others. Lab. delo no. 11 680-683 '67.

Tissue factors of blood coagulation in the valvular apparatus of the heart. B. I. Kuznik and others. Kardiologia 7 no. 7 130-133 JI '67.

Treating brucellosis in cows using formaldehyde-killed vaccine and streptomycin. N. P. Lazarev. Trudy Sverd. sel'khoz. inst. 14 220 '65.

Treatment of children with acute leukemia by means of passive cyclic immunization with antiplasma and autoleucocytes obtained in the period of remission. S. V. Skurkovich and others. Probl. gemat. i perel. krov. 12 no. 11 18-24 N '67.

Use of dry blood plasma in the treatment of late toxemia in gravidas. G. G. Gotsadze. Akush. i gin. 43 no. 8 56-58 Ag '67.

615.3(471.8)—Northern Caucasus

Chemical study of some species of Larkspur from the Northern Caucasus flora. I. A. S. Savchenko. Farmatsiya 16 no. 6 30-31 N-D '67.

615.3(477)—Ukrainian S. S. R.

Improvement of the production at the Kharkov plant of the endocrine preparations. I. M. Kharag, N. B. Genzel. Khim. farm. zhur. 1 no. 11 6-7 '67.

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I. V. Dobrovolskaya, D. M. Abramova, G. S. Tanakova,
Tudy Novokuz, GIMIVa n. 33 95-99 1966

Variants of antibiotics inhibiting reproduction of the tra

- Effect of hypoxia on tissue sensitivity to acetylcholine in animals of various ages O. O. Markova, Kiev' (Ukr.) 13 no. 6 827-830 N-13 '67

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- Guiding principles of and prospects for the use of pyridine and its derivatives. V. M. Krasov, G. D. Khachanovich, B. V. Suvorov. Vest AN Kazakh SSR 23 no. 9 40-45 S '67.
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- Increase of the resistance to bacterial infections in white mice under the effect of lipopolysaccharides from actinomyces. N. S. Gruzdeva, L. V. Gubunatorova, I. O. Sazhin. Antibiotiki 12 no. 9 778-782 S '67.
- Influence of diplacin combined with light ether-oxygen anesthesia, ganglionic blocking and neuroleptic agents on metabolism during surgical trauma. E. A. Shilakhova, E. N. Mozgovaya, C. S. Volynets. Eksp. khir. i anest. 12 no. 5 86-90 S-O '67.
- Influence of peritoneal dialysis and novocain solution on absorption of antibiotics and proteins from the abdominal cavity. B. S. Danilova. Eksp. khir. i anest. 12 no. 5 40-43 S-O '67.
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- Influence of water suspension of propyl iodonium on lung tissue in experimental bronchography. L. S. Rozenshteyn and others. Eksp. khir. i anest. 12 no. 5 28-34 S-O '67.
- Intensifying anti-inflammatory effect of novocaine block by physiotherapeutic procedures. I. N. Prigorin. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 6 555-556 N-D '67.
- Intravenous administration of blood, plasma, and drugs in young children. Z. M. Kerimov. Azerb. med. zhur. 44 no. 9 51-55 S '67.
- Latest results of chromomycin treatment in choledocholithiasis of the cervix uteri. M. A. Petriov-Maylasov and others. Vop. onk. 13 no. 10 81-86 '67.
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- Mechanism of the effect of aminazine on the central nervous system in dogs. A. T. Pshonik, V. A. Gribunov. Sb. nauch. trud. Krasnoar. gos. med. no. 7 31-33 '63.
- Mechanism of the vasomotor effect of lobeline. L. O. Hladovskiy. Fiziol. zhur. [Ukr.] 13 no. 6 768-773 N-D '67.
- Metabolism of sugar, volatile fatty acids, and acetone bodies in the liver of sheep under the effect of adrenaline and insulin injections. P. M. Shodov. Trudy Sverd. sel'khoz. inst. 14 130-132 '65.
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- Methods of drugless withdrawal from insulin shock. B. V. Afanas'ev. Sbor. nauch. trud. Krasnoar. gos. med. no. 7 418-419 '63.
- Methods of the therapeutic use of chemical antineoplastic preparations. A. N. Syrganov and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12 141-150 '66.
- Molluscicidal activity of antibiotics. Report No. 1. V. V. Gorkhov. Trudy VIGIS 12 87-88 '66.
- Nephrotoxic effect of antibiotics. I. M. Kharitonova. Antibiotiki 12 no. 9 810-817 S '67.
- Obtaining sodium deoxycholate from a mixture of bile acids. Z. Z. Sultanov. Khim.-farm. zhur. 1 no. 8 44 Ag '67.
- Olivomycin and related antibiotics. Report No. 11. Structure of olivomycin and its acyl derivatives. I. U. Berlin and others. Khim. prirod. soed. no. 6 405-410 '67.
- Organic insectofungicides. Part 113. Alkylation of tertiary aliphatic aliphatic-aromatic phosphines by phosphoric acid esters. B. A. Khaskin, N. N. Tutunina, N. N. Melnikov. Zhur. ob. khim. 37 no. 12 2757-2760 D '67.
- Organic insectofungicides. Part 114. Acid chlorides and aryl esters of N-carbalkoxyalkylamidomethylthiophosphonic acid. N. N. Melnikov and others. Zhur. ob. khim. 37 no. 12 2760-2763 D '67.
- Partition paper chromatography for the detection of penicillin metabolites. L. N. Astanina, L. M. Iakobson. Lab. dokl. no. 11 666-669 '67.
- Pharmacology of a species of Veronica. E. A. Melnikov, M. N. Poluektov. Sbor. nauch. trud. Krasnoar. gos. med. no. 7 56-57 '63.
- Pharmacology of Corydalis marshalliana. N. I. Poplyko. Sbor. nauch. trud. Krasnoar. gos. med. no. 7 90-91 '63.
- Pharmacology of sodium salt of levorin. Antibiotiki 12 no. 9 807-813 S '67.
- Pharmacology of the extract of Oxytropis pilosa. E. A. Danilova. Sbor. nauch. trud. Krasnoar. gos. med. no. 7 97-99 '63.
- Pharmacology of the extract of the northern linnea. E. A. Danilova. Sbor. nauch. trud. Krasnoar. gos. med. no. 7 92-93 '63.
- Pharmacology of two species of Veronica. N. I. Poplyko, O. I. Semchenova. Sbor. nauch. trud. Krasnoar. gos. med. no. 7 95-98 '63.
- Pharmacology of Veronica sibirica. N. N. Kaminskaya, M. N. Poluektov. Sbor. nauch. trud. Krasnoar. gos. med. no. 7 93-95 '63.
- Photometric determination of furacilin. L. G. Anisimova, O. A. Tataev, K. N. Bagdasarov. Farmatsia 16 no. 6 43-46 N-D '67.
- Phytocidal properties of mold. P. A. Gurevich. Sbor. nauch. trud. Krasnoar. gos. med. no. 7 77-79 '63.
- Preparation of diethylamide of lactic acid by the method of transamidation. A. V. Starikov and others. Khim. farm. zhur. 1 no. 11 23-25 '67.
- Present state and future research in the field of toxicology and hygienic standardization of pesticides in food products. A. I. Shtrnberg. Vop. put. 26 no. 5 53-62 S-O '67.
- Purification of waste waters in the production of antibiotics. I. E. Gushina, A. A. Dmitrieva. Zhur. VKHO 12 no. 6 676-681 '67.
- Quantitative determination of dopan. N. A. Tretjakov. Farmatsia 16 no. 6 63-64 N-D '67.
- A reaction for the detection of caffeine in preparations and medicinal forms. L. A. Burasanova, L. T. Ikramov. Farmatsia 16 no. 6 61-64 N-D '67.
- Reactions for detecting cyanide and berberine. D. I. Rogovskii. Farmatsia 16 no. 6 47-48 N-D '67.
- Refractivity to antidiabetic sulfanilamide preparations and means of lowering it. S. M. Gisman, M. A. Alekperov. Azerb. med. zhur. 44 no. 9 9-13 S '67.
- Research in the series of cyclobutanedicarboxylic acids. Report No. 5. Synthesis of bisquaternary salts of alkamine esters and amides of steric-acidic trevulin acids. A. P. Arsenauk, A. P. Stoldinov, D. A. Khaikovich. Khim.-farm. zhur. 1 no. 8 18-21 Ag '67.
- Research in the series of derivatives of phosphinic and phosphonic acids. Report No. 16. Esters of allylalkyl-phosphinic acids and their biological activity. A. I. Razumov and others. Khim. farm. zhur. 1 no. 11 11-16 '67.
- Rozin, M. A. [Cells and the nonspecific resistance of the body; cytological analysis of the mechanism of the effect of benzimidazole derivatives.] Kletki i nespe-tsificheskaya soprotivleniost' organizma, (sitologicheskii analiz mekhanizma deistviya proizvodnykh benzimidazola. Leningrad, "Nauka," 1967. 144 p.
- The scientific conference on semisynthetic penicillins. M. S. Rubinsovich. Khim. farm. zhur. 1 no. 11 60-61 '67.
- Sensitivity of strains of dysentery pathogens, isolated in 1961-1965 in Baku, to antibiotics. S. N. Aliev. Azerb. med. zhur. 41 no. 11 16-32 N '67.
- Significance of lability of the central nervous system in the ascending series. F. V. Lychagina. Sbor. nauch. trud. Krasnoar. gos. med. no. 7 17-39 '67.
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- Study of nucleotide composition and fertility in spontaneous and 5-bromouracil induced streptomycin-resistant mutants of Escherichia coli HB 11. V. P. Shestakov, I. I. Samoilenko. Antibiotiki 12 no. 9 787-791 S '67.
- Study of the effect of antineoplastic substances on primary explants of human neoplasms. S. M. Navashina and others. Antibiotiki 12 no. 9 803-807 S '67.
- Study of the relationship between antibiotics and serum albumin by the spectral method. L. M. Gubernieva, A. B. Silaev. Nauch. dokl. vys. shkoly biol. nauk 10 no. 12 109-111 '67.
- Surgical and medicinal treatment of cancer of the liver. V. S. Shapkin. Vop. onk. 13 no. 10 68-71 '67.
- Synthesis and antibacterial properties of some derivatives of 5-morpholinomethyl-3-amino-2-oxazolidone of the 5-nitroaromatic series. R. U. Kalberg and others. Khim. farm. zhur. 1 no. 11 47-49 '67.
- Synthesis and pharmacological study of asymmetrical α, ω -diquaternary salts of the quinuclidine series. E. T. Mikhlin and others. Khim.-farm. zhur. 1 no. 8 36-39 Ag '67.
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- The synthesis of some 4-aryl-substituted 1,2-dithiol-3-thione and 1,2-dithiol-3-thione and their chologogue activity. M. G. Voronkov and others. Khim. farm. zhur. 1 no. 11 18-22 '67.
- Testing of irradiation properties of propolis. O. P. Horodetskiy, P. M. Kulabko. Fiziol. zhur. [Ukr.] 13 no. 6 805-808 N-D '67.
- Transumbilical catheterization of the iliac artery for regional chemotherapy in cancer of the uterus. S. N. Nugmanov, A. E. Esenkulov. Vop. onk. 13 no. 12 17-21 '67.
- Treatment of cholangitis and multiple abscesses of the liver by introduction of antibiotics into the umbilical vein. N. G. Nazarevskii, V. V. Izosimov, N. N. Volobuev. Vest. khir. 89 no. 9 117-118 S '67.
- Treatment of staphylococcal diseases in children with monomycin, neomycin, erythromycin and olecterin. I. I. Balashova, V. I. Khomakova. Antibiotiki 12 no. 9 849-852 S '67.
- Treatment of trichomycosis with griseofulvin. I. M. Kholilov and others. Vest. deim. i ven. 11 no. 7 81-84 N '67.
- Use of Allium ursinum and garlic phytoncides in the treatment of diseases of the oral cavity. A. I. Reishon, F. A. Gurevich. Sbor. nauch. trud. Krasnoar. gos. med. no. 7 75-77 '63.
- Use of Allium ursinum phytoncides in the treatment of chronic suppurative otitis in children. L. P. Moiseeva. Sbor. nauch. trud. Krasnoar. gos. med. no. 7 357-360 '63.
- Use of ion exchangers in the manufacture of drugs. Report No. 2. Investigation of the sorption of di-tert-butyl-(n-nitrophenyl)-2-amino-1,9-propanediol (trecomin) by K3-4-P2 and AB-17 ion exchangers from solutions containing NaCl and also the method of extraction of trecomin from sewage. G. N. Al'shuler and others. Khim.-farm. zhur. 1 no. 8 54-57 Ag '67.
- Use of meprobamate in anesthesiological practice. A. A. Akhundov. Azerb. med. zhur. 44 no. 11 31-31 N '67.
- Use of morphocycline in thoracic surgery. F. G. Ugllov, and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12 17-50 '66.
- Use of peritoneal chemotherapy in compound treatment of lung cancer. L. N. Kamardin. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12 211-220 '66.
- Use of polyelectrolytes for the purification of oxytetracycline solutions. S. A. Zhukovskaya, I. M. Vornikova. Khim.-farm. zhur. 1 no. 8 52-53 Ag '67.
- Use of semisynthetic penicillins-resistant penicillins (oxacillin and methicillin) for the treatment of obstetric sepsis and purulent complications following labor and abortions. I. R. Zak. Antibiotiki 12 no. 9 852-856 S '67.
- Use of supplementary intrathoracic novocaine block by electrophoresis in the resection of lung under experimental conditions. F. M. Valentinovich. Sbor. nauch. trud. Krasnoar. gos. med. no. 7 197-199 '63.
- Use of the polarographic method for the determination of the concentration of antineoplastic antibiotic rubromycin in solutions. V. B. Dorozhinskiy. Antibiotiki 12 no. 9 785-787 S '67.
- Use of thin layer chromatography for determining chlorophyll (DDVP) and dichloroacetaldehyde in biological material. A. F. Fartushnyi. Farmatsia 16 no. 6 19-55 N-D '67.
- Use of thin layer chromatography for the analysis of L-carbomethyl-4-carbomethylpiperidine. A. A. Chemezinskaya and others. Khim.-farm. zhur. 1 no. 8 45-47 Ag '67.
- Use of tranquilizers in treatment of the climacteric syndrome. T. M. Dondukova. Akush. i gin. 43 no. 9 20-32 S '67.
- Virus of Rous' sarcoma isolated from a tumor in a hen following introduction of 9,10-dimethyl-1,2-benzanthracene. A. M. Diad'kova, O. K. Kuznetsov. Vop. onk. 13 no. 10 111-115 '67.

Materials on the studies of the Adonis aurea and Adonis transcaucasica growing in Kirghizistan. P. K. Evdokimov. Farmatsia 16 no. 6 26-29 N-D '67.

615.8 PHYSIOTHERAPY AND OTHER TREATMENTS

- All-Union symposium on medical climatology, climatology and climatophylaxis, Sukkumi, June 6-10, 1967. I. L. Grigor'ev, K. E. Mianikov. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 6 566-568 N-D '67.
- Auxiliary perfusion by means of the AIK artificial blood circulation apparatus and "implantation" of the lung in the treatment of pulmonary insufficiency. V. S. Seigievskii, V. N. Zhigalkin. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12 37-42 '66.
- Auxiliary perfusion in compound surgical treatment of embolism of the pulmonary artery. N. A. Supur, S. A. Musheghan. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12 31-36 '66.
- Balneophysiotherapy in inflammation of the cervico-thoracic sympathetic trunk and radiculitis with a cardiac pain syndrome. E. I. Sorokina. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 6 524-530 N-D '67.
- Barotherapy in the compound treatment of diseases of the arteries of the extremities. G. P. Zaitsev and others. Vest. khir. 99 no. 11 30-33 N '67.
- Basic principles of oxygen therapy in compound preoperative preparation of patients with mitral stenosis. F. G. Ugllov, A. I. Stenikova. Kardiologia 7 no. 7 80-84 N '67.
- Changes in the myocardial contractile function in rheumatic heart disease during treatment with artificial carbon dioxide baths. K. M. Riazantsev. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 6 530-537 N-D '67.
- Combined mud and tetracycline treatment of infectious nonspecific (rheumatoid) polyarthritis. G. S. Eremenko. Vop. kur., fizioter., i lech. fiz. kul't. 32 no. 6 479-485 N-D '67.

- L. Weisberg, S. Gustafsk. Vop. kur., fizioter. i lech. fiz. kul't. 32 no. 6 484-492 N-D '67
- 615 8(471 62)—Krasnodar Territory**
Mechanism of the action of Maifesta hydrogen sulphide baths on experimental atherosclerosis. V. P. Lavrov. Vop. kur., fizioter. i lech. fiz. kul't. 32 no. 6 506-511 N-D '67
- 615 8(474 3)—Latvian S. S. R.**
Effect of Kemeri mineral waters on hepatic function under normal conditions and in experimental toxic hepatitis. L. G. Chepik. Vop. kur., fizioter. i lech. fiz. kul't. 32 no. 6 515-518 N-D '67
- 615 8(571 51)—Krasnoyarsk Territory**
Protocoled properties of the therapeutic factors of Lake Shira and Lake Uchum Health Resorts. N. G. Khristenko. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 303-308 '63
Treatment of chronic gastritis and peptic ulcers in Uchum Health Resort. K. F. Bogdanov. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 301-305 '63
Treatment of glaucoma in a health resort. Z. P. Zivol'skaya. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 367-370 '63
- 615 8(575 2)—Kirgiz S. S. R.**
Oxygen therapy and fangothrapy in the mountains. V. A. Brudov. Vop. kur., fizioter. i lech. fiz. kul't. 32 no. 6 552-554 N-D '67
- 615.9 TOXICOLOGY POISONS**
Adenosine triphosphate activity and mitochondrial respiration under conditions of vitamin D₂ intoxication. I. P. Shchepitsyna. Vop. med. khim. 13 no. 6:601-603 N-D '67
Clinical aspects of neurological disorders in poisoning with methyl alcohol. B. I. Belezina, T. M. Ferber. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 401-406 '63
Development of water toxicology in the U. S. S. R. N. S. Stroganov. Nauch. dokl. vyz. shkoly biol. nauk. 10 no. 12 7-21 '67
Effect of sodium gallate and some other polyphenols on the toxic action of adrenalectomy. V. A. Barabov. Fiziol. zhur. [Ukr.] 13 no. 6 809-812 N-D '67
Effect of some vitamins, cholinolytic substances and their combinations on the course of acute cholinophos intoxication. I. U. S. Grossman, L. G. Zilbermintz, A. S. Zakas. Nauch. dokl. vyz. shkoly biol. nauk. 10 no. 12 52-55 '67
Effect on the blood pressure and respiration, the general effect and comparative toxicity of anabasine derivatives. M. N. Poluektor. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 84-85 '63
Pharmacology of Oxytropis pilosa extract. E. A. Danilova. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 86-88 '63
Some clinical and epidemiological data on outbreaks of botulism in Krasnoyarsk. A. I. Bychkova and others. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 342-344 '63
Toxic psychoses. A. A. Porinov. Zhur. nevro. i psikh. 87 no. 11 1710-1713 '67
Vascular tone and peripheral blood circulation in pregnant women with retarded toxemia. S. G. Alieva. Azerb. med. zhur. 44 no. 9 56-60 S '67
- 616 DISEASE PATHOLOGY AND MEDICINE**
Anatomy and pathology. D. A. Zhdanov. Vest. AMN SSSR 22 no. 11 41-50 '67
Electrodiagnosis of organic symptoms. D. V. Afanas'ev. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 418-421 '63
Electrographic and contact-diffusion methods for detecting metal in practical expertise. V. K. Belikov. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 158-161 '63
50 years of Soviet therapy. P. E. Lukomskii. Vest. AMN SSSR 22 no. 11 50-60 '67
Pathological anatomy in the U. S. S. R. during 50 years (1917-1967). A. I. Strukov and others. Arkh. pat. 29 no. 10 6-96 '67
Pathological anatomy in the U. S. S. R. during 50 years (1917-1967) (conclusion). A. I. Strukov and others. Arkh. pat. 29 no. 11 90-197 '67
Paths of the development and achievements of Soviet pediatrics. I. U. F. Dombrovskaya. Vest. AMN SSSR 22 no. 11 69-79 '67
Paths of the development of Soviet sports traumatology during the last 50 years. Z. S. Mironova. Teor. i prak. fiz. kul't. 30 no. 10 40-42 O '67
Possibilities of using semiconductor resistance transmitters in transmitters of diagnostic apparatus. A. G. Khazan, I. F. Goidetski. Med. tekhn. 1 no. 2 41-48 M-Ap '67
S. L. Erlikh's doctrine of clinical laboratory diagnosis. M. G. Savchenko. Lab. delo no. 11 700-701 '67
Strolinin. N. N. A. A. Bogomolets. Moskva, "Meditsina," 1967. 71 p. (Nauch.-popul. med. literatura, Vydavshchiesia detalei otechestv. meditsiny i zdravookhraneniya)
Study of genetic M-marker of smallpox vaccine virus, variants. E. E. Rozina and others. Vop. virus 12 no. 6 674-680 '67
- Zolotareva, T. A.** [Hereditary diseases in man (Cher. nasledstvennyye bolezni cheloveka) (Khromosomnyye bolezni)] Pod red. V. I. Churakova. Moskva, 1967. 14 p. (Oshchetchetoi voprosy meditsiny)
- 616(213)—Hot (tropical, subtropical) regions**
Crushes in the tropics. I. D. Golod. Med. zhur. 44 no. 12 54-56 D '67
- 616(571)—Asianic R. S. S. R.**
[Essays on the history of medicine and public health in Western Siberia and Kazakhstan during the period of the annexation to Russia, 1710-1808]. Ocherki iz meditsiny i zdravookhraneniya Zapadnoi Sibiri i Kazakhstana v period priobrodneniia k Rossii, 1710-1808. Novosibirsk, Zapadno-Sibirskoe kn. izd., 1957. 57 p.
- 616.00 MORBID PROCESSES LESIONS**
Absorption of isotonic solutions of sodium chloride in the peritoneal cavity in rabbits following trauma. I. A. Voskresenskaya. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 54-56 '63
Analysis of the antigenic structure of human erythrocytes during various forms of leukemia. I. A. Voskresenskaya, B. F. Chelchik, O. B. Rukh, T. S. Khochkova. Probl. genet. i prikl. biol. 12 no. 2 4-10 Ag '67
Anaphylactic shock during penicillin therapy. Ch. A. Nad'bulov. Azerb. med. zhur. 44 no. 10 68-70 '67
Antibiotics and chemotherapy in malignant neoplasms. V. A. Shorin. Antihist. 12 no. 11 1011-1015 '67
Anti-inflammatory activity of Veratrum album. G. I. Gera shchenko. Nauch. dokl. vyz. shkoly biol. nauk. 10 no. 12 56-57 '67
Arachnoidal accumulations in cerebral dura mater. Experimental study. V. I. Naumenko. Vop. med. khim. 13 no. 6 616-621 N-D '67
Biological properties of preparations of nucleic acids obtained from tumors in animals. A. P. Babin. Zh. Mirmir, M. K. Kochetkova. Vop. onk. 14 no. 1 1-12 '67
- Bocharov, A. A.** [Lesions of the abdomen]. Poverzheniia zhitva Moskva, "Meditsina," 1967. 101 p. (Prakt. vrach.)
- Capillary permeability in burns. S. G. Brande. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 143-145 '63
Case of Barre-Masson disease. L. M. Isakova. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 146-148 '63
Case of removal of a foreign body in the pharynx. V. I. Gera shchenko. V. I. Parlov. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 141-145 '63
Causes of failure in the surgical treatment of hemorrhagic meningiomas. I. V. Kuznetsov. Zh. med. khim. 13 no. 6 614-617 N-D '67
Changes in acid-base and electrolyte equilibrium of oncological patients during alcohol anesthesia. V. I. Gera shchenko. Zh. med. khim. 13 no. 6 617-621 N-D '67
Changes in erythropoiesis in malignant tumors of the ovaries during chemotherapy. A. A. Babin, O. P. Babin, L. I. Tushina. Vop. onk. 13 no. 12 141-145 '67
Changes in protein metabolism in organs of a rabbit following burns under conditions of limited protein in the burn area. T. L. Zaitseva, K. I. Kuchukova. Eksp. khir. i anest. 12 no. 6 66-72 N-D '67
Changes in the content of free radicals in the blood in leukemia. I. A. Kanunikh and others. Probl. prikl. i pecl. khim. 12 no. 8 11-15 Ag '67
Clinical course of combined radiation lesions in the wounds of soft tissues caused by ultraviolet rays. Experimental study. M. I. Gal'perin. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 177-183 '63
Combined effect of burns and hemorrhage on the activity of erythrocytes to the influence of acid hemolysis. S. M. Smykh, N. V. Luntina. Fiziol. zhur. [Ukr.] 13 no. 6 815 N-D '67
Congenital cysts and fistulas of the neck. Z. I. Isakova. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 147-148 '63
Cytological study of exudates. V. P. Kravchenko. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 160-171 '63
Development of cancer in the presence of foreign bodies of gunshot origin in the pulmonary tissue. B. S. Gera shchev, G. O. Fed'baeva. Zh. med. khim. 13 no. 6 621-624 N-D '67
Development of meningial syndrome in a period of hematological remission of acute leukemia in children. L. A. Makhonova, V. V. Aizmenko. Probl. prikl. i pecl. khim. 12 no. 8 50-52 Ag '67
Development of the doctrine on the role of the endocrine system in the pathogenesis of cancer, neoplasms, mechanisms of aging and cancer. V. M. Babin. Vop. onk. 13 no. 10 50-59 '67
Dimensions of the nuclei of adrenal cells in rats with sarcoma 45. A. I. Kravchenko, I. U. N. Kuchukova. Vop. onk. 13 no. 12 46-48 '67
Dynamics of the psychopathological picture of endocrine diseases of the olfactory fossa following surgery. B. S. Gera shchev, V. S. Alekseeva, T. A. Isakova. Vop. onk. 13 no. 6 37-40 N-D '67
Early absorption in toniquet shock. T. D. Pokhlyukova. Eksp. khir. i anest. 12 no. 5 44-45 S-O '67
- 615 8(481)—German Democratic Republic**
In foreign countries. Teor. i prak. fiz. kul't. 30 no. 10 77-79 O '67

- Controversial problems of the surgical treatment of occlusive diseases of the veins of the lower extremities B. G. Manatavishvili Vest. khir., 89 no. 9-93-99 S '67.
- Correlation of the volume rate of blood flow in the myocardium and vena cava under conditions of general and regional artificial blood circulation. V. F. Potin, A. I. A. Shargodskaya, V. T. Selivanenko, Eksp. khir., 12 no. 6 72-80 N-D '67.
- Current problems of atherosclerosis, L. I. Charov, Kardiologiya 7 no. 7 3-8 JI '67.
- Cutaneous capillary resistance in children with influenza A. I. Abbasov Azerb. med. zhur., 11 no. 8 40-44 Ag '67.
- Cutaneous pruritus in tick-borne encephalitis, D. U. Khrolenko, Vest. dermat. i ven., 41 no. 7 73 JI '67.
- Defibrillation of the heart with biphasic electric impulses, N. I. Gurevich, V. A. Mafaychev Kardiologiya 7 no. 7 109-112 JI '67.
- Dependence of the volume of glomerular filtration from the degree of arterial pressure in hypertension, V. I. Stogman, Shoi. nauch. trud. Krasnoar. gos. med. no. 7 268-270 '63.
- Determination of antibodies in the serum of patients with herpes R. M. Tkach, Vest. dermat. i ven., 41 no. 7 11-44 JI '67.
- Determination of nonagglutinable erythrocytes, A. A. Denis, V. V. Kolesnik, Lab. delo no. 11 673-674 '67.
- Determination of quantitative characteristics of the glucocorticoid activity of the adrenal cortex, P. E. Kunin, R. L. Kunina, Lab. delo no. 11 661-665 '67.
- Determination of streptococcal antibodies and antigens in a small volume of blood, V. V. Akimova, V. N. Strelchukina, Ch. I. Akhmedova, Lab. delo no. 11 655-658 '67.
- Determination of the antifibrinolytic activity of the blood, I. U. P. Nikitin, I. U. I. Baskakova, Lab. delo no. 11 672-673 '67.
- Determination of the antihistamine factor of the blood and its significance for the detection of allergic state of the body M. N. Nikitina, E. M. Rukhmalovich, Lab. delo no. 8 191-194 '67.
- Development of hemopoietic aplasia following the use of cyclophosphamide in chronic myeloid leukemia, N. F. Klimova, T. A. Chernikova, T. G. Protasova, Sov. med. 30 no. 12 67-71 D '67.
- Development of meningial syndrome in a period of hematological remission of acute leukemia in children L. A. Makhonova, V. V. Aitomenko, Probl. gemat. i perel. krovi 12 no. 8 50-52 Ag '67.
- Development of metabolic acidosis in surgery on the heart G. G. Gel'shtein, R. A. Mitin, S. O. Apoll Kardiologiya 7 no. 7 103-108 JI '67.
- Development of tumorous retinoides in patients with leukemia, erythremia and myelofibrosis A. V. Demidova and others, Probl. gemat. i perel. krovi 12 no. 11 10-17 N '67.
- Differential diagnosis of edema and hemorrhagic necrosis of the pancreas, V. M. Glukhina, Vest. khir., 89 no. 9 68-72 S '67.
- Differential diagnosis of main rheumatic cardiac defects with the aid of electronic computers, A. A. Vismenevskii and others, Eksp. khir., 12 no. 5 19-26 S-O '67.
- Differential diagnosis of nodular periarthritis, E. G. Il'inskaya, V. I. Savich, G. M. Grozevich, Sov. med. 30 no. 12 115-118 D '67.
- Direct cardiac massage in dextral thoracotomy, A. N. Legchilo, Vest. khir., 89 no. 11 106-108 N '67.
- Double stab injury of the heart, G. A. Shklovits, V. M. Zybina, Vest. khir., 89 no. 11 117 N '67.
- Dynamics of edematous toxicooses based on electrocardiographic data, L. M. Isent'eva, Trudy Novokuz. GIDUVA no. 33 32-42 '66.
- Dynamics of electrocardiographic data in patients with recurrence of initial stenosis, N. P. Kharitonov, P. O. Viazitskii Kardiologiya 7 no. 7 92-97 JI '67.
- Dynamics of the changes in gas composition of the blood in dogs during the development of acute hypoxia, A. I. Nazarenko, Fiziol. zhur. [Ukr.] 13 no. 6 771-777 N-D '67.
- Dynamics of the level of some bioelements in the blood in coronary atherosclerosis, I. P. Aichevskii, Kardiologiya 7 no. 12 66-68 D '67.
- Dynamics of vascular and respiratory reactions and labile globulins in man during changed correlations of cortical processes G. F. Rud', Shor. nauch. trud. Krasnoar. gos. med. no. 7 28-30 '63.
- Early phlebography following crural fracture, N. I. Makhor, A. D. Karatinov, Vest. khir., 89 no. 11 94-97 N '67.
- Effect of hydrogen sulfide baths on transaminase activity in experimental atherosclerosis, V. G. Tumanova, Vop. kur., fizioter. i lech. fiz. kul't., 32 no. 6 512-515 N-D '67.
- Effect of IFM-360 preparation on reverse development of experimental atherosclerosis, M. N. Glazov, Kardiologiya 7 no. 12 43-46 D '67.
- Effect of nitroglycerin on hemodynamics and blood coagulation system, L. D. Abdulaeva, Azerb. med. zhur., 44 no. 11 14-18 N '67.
- Effect of protein-enriched diet on the trypsin activity in the blood serum of chronic pancreatitis patients V. A. Shaternikov, L. I. Kharazev, S. A. Tuzhifin, Vop. pit., 26 no. 4 54-57 JI-Ag '67.
- Effect of reducing diet on the state of the cardiovascular system in obesity patients, V. A. Ofeneva, N. S. Taitis, T. A. Kuz'minova, Vop. pit., 26 no. 4 35-40 JI-Ag '67.
- Effect of the design of prosthesis on the results of vena cava atropathy, an experimental study, S. S. Mikhailov, I. A. Pismenov, Vest. khir., 89 no. 8 50-56 Ag '67.
- Effect of the exclusion of the celiac and anterior mesenteric arteries from circulation on the circulating blood volume, E. D. Chernikova, Kardiologiya 7 no. 12 102-105 D '67.
- Effect of pangamic acid on experimental myocarditis in rabbits M. V. Sokolov Kardiologiya 7 no. 12 123-124 D '67.
- Effect of unilateral renal lesions on the level of arterial pressure and excretion of aldosterone with the urine in rats, Kh. M. Markov, E. N. Grasmova, S. Pal, Kardiologiya 7 no. 12 9-13 D '67.
- Effect on the blood pressure and respiration, the general effect and comparative toxicity of anabasine derivatives, M. N. Polukhov, Shoi. nauch. trud. Krasnoar. gos. med. no. 7 83-86 '63.
- Electrophysiological detection of cardiac afferent fibers in posterior spinal roots V. P. Mel'chenko Kardiologiya 7 no. 7 137-141 JI '67.
- 11th Congress of the International Society of Hematologists, August 22-28, 1968 in Sydney, Australia, I. A. Kassirskii and others, Probl. gemat. i perel. krovi 12 no. 6 57-62 Ag '67.
- Enzymes and electrolytes of the arterial wall in ischemic cerebral hypertension, I. U. P. Postnov, V. V. Suchkov, Kardiologiya 7 no. 12 3-9 D '67.
- Erroneous ligature of the femoral vein instead of the vena saphena magna L. P. Novolodskii, Vest. khir., 89 no. 11 141 N '67.
- Etiology and pathogenesis of acute iliofemoral venous thrombosis, V. S. Savilev and others, Vest. khir., 89 no. 9 85-92 S '67.
- Evaluating results of postoperative treatment by electroretrography in some lung and heart diseases, L. F. Koblov, Eksp. khir., 12 no. 5 48-52 S-O '67.
- Evaluating various methods of cardioplegia, G. F. Arkhipova and others, Eksp. khir., 12 no. 5 80-91 S-O '67.
- Evaluation of the effect of narcotic substances on the hemodynamic properties of the blood in patients with acute myocardial infarct A. V. Iosava, Kardiologiya 7 no. 7 25-29 JI '67.
- Excretion of catecholamines with the urine and the content of sodium and potassium in blood plasma and erythrocytes in renal hypertension, B. G. Midekuni, Kardiologiya 7 no. 7 66-70 JI '67.
- Experience in topical diagnosis and therapeutic catheterization in pulmonary thromboembolism V. L. Minevich and others, Kardiologiya 7 no. 7 119-123 JI '67.
- Experience in using the new Soviet-made preparation of amorphous (frutol) in prevention of attacks of paroxysmal tachycardia, S. G. Moiseev, E. Z. Usitnova, Sov. med. 30 no. 12 53-56 D '67.
- Experimental and clinical data on changes in some components of the kinn system in hypertension A. A. Nekrasova and others, Kardiologiya 7 no. 7 61-65 JI '67.
- Experimental atherosclerosis and disorders of the placental barrier Z. M. Volynskii, M. K. Mikushkin Kardiologiya 7 no. 7 9-13 JI '67.
- Experimental substantiation of the use of devices and methodologies in regional perfusion in diseases of the lungs, S. A. Mushegian and others, Trudy Kazakh. inst. khir. i eksp. khir. AMN SSSR 12 31-33 '66.
- Experimental surgical treatment of myocardial infarction I. M. Kapitsa, V. G. Chistakova, Kardiologiya 7 no. 7 45-50 JI '67.
- Extraperitoneal approach to the main stem of the superior mesenteric artery in dogs, N. T. Toizde, Eksp. khir., 12 no. 6 37-38 N-D '67.
- Fibroelastosis of the endocardium in children of the senior age group, T. P. Borisova and others, Kardiologiya 7 no. 7 133-137 JI '67.
- Functional and structural changes in the liver in insufficiency of blood circulation, O. D. Iserson, E. A. Glushkova, Shor. nauch. trud. Krasnoar. gos. med. no. 7 258-263 '63.
- Functional changes in the aortic compression chamber and cardiodynamics in aortic aneurysms V. L. Karpman, M. A. Abrikosova, B. D. Komarov Kardiologiya 7 no. 7 29-34 JI '67.
- Functional condition and histochemistry of leukocytes in various phases of rheumatism, R. Sh. Madatova, Azerb. med. zhur., 44 no. 8 16-20 Ag '67.
- Functional state of the myocardium following regional perfusion of the extremities, N. V. Antelava, E. G. Amchislavskii, N. E. Lomadze, Vest. khir., 89 no. 11 30-11 N '67.
- Granulocytopenia in acute leukemia, E. N. Mosiagina, E. B. Vladimirovskaya, Probl. gemat. i perel. krovi 12 no. 8 20-27 Ag '67.
- Graphic image of a thrombelastogram, Z. O. Ishkevskii, A. Balash, G. Matusevskii, Akush. i gin., 43 no. 9 35-38 S '67.
- Hemodynamic changes in different stages of autotransplantation of the lungs in man, E. N. Meshalkin and others, Trudy Kazakh. inst. khir. i eksp. khir. AMN SSSR 12 229-231 '66.
- Hemodynamic characteristics and correlation with cerebral blood circulation in meningiomas of supratentorial localization, I. U. A. Zozulia, Vop. neirokhir., 31 no. 6 40-46 N-D '67.
- Hemodynamics in the pulmonary circulation in chronic diseases of the lungs F. S. Shifer, G. L. Fedotova, D. A. Natradze, Trudy Kazakh. inst. khir. i eksp. khir. AMN SSSR 12 13-19 '66.
- Hypertensive ischemic crural ulcers (Martonelli's syndrome) M. V. Gurev, Vest. khir., 89 no. 9 111-113 S '67.
- Immunoelectrophoretic studies in normal pregnancies and those complicated by late toxemia, I. G. Sotnikova, Akush. i gin., 43 no. 8 45-14 Ag '67.
- Indices of the contractile function of the myocardium based on the duration of the systolic phases in patients with diffuse toxic goiter S. B. Fel'dman, V. G. Spevitskaya, N. N. Kuleshova Kardiologiya 7 no. 7 150-152 JI '67.
- Inhibiting effect of thymectomy on the development of leukemia in mice and rats infected with hemocytoblastosis virus (M. aureus), V. N. Stepanov, N. P. Mazurcnko, Vop. virus., 12 no. 6 721-724 N-D '67.
- Intensity of leukocyte emigration in the oral cavity in diseases of the blood system following the transfusion of blood and its components A. E. Zolotarev, Probl. gemat. i perel. krovi 12 no. 8 27-30 Ag '67.
- Intracardiac examinations in early childhood, I. U. D. Volynskii, E. S. Klemenova, F. I. Kakurin, Kardiologiya 7 no. 12 72-77 D '67.
- Intravital diagnosis of stenosis of the aortic isthmus, S. G. Grokhovaya, L. S. Solov'eva, Z. I. Trubetskaya, Shoi. nauch. trud. Krasnoar. gos. med. no. 7 297-301 '63.
- Iron deficiency anemias of pernicious nature, A. P. Gerasimuk, G. A. Predtechenskaya, Lab. delo no. 11 665-666 '67.
- Lagun, I. M., and A. P. Makarenko, [Stenocardia and myocardial infarct, their prevention and treatment] Stenokardiya i infarkt miokarda, ikh preduprezhdenie i lechenie Minsk, "Belarus", 1966, 65 p. (DNLM)
- Late results of surgical treatment of coarctation of the aorta, A. V. Pokrovskii and others, Kardiologiya 7 no. 12 13-20 D '67.
- Lerman, V. I. [Disorders of cerebral blood circulation in intracranial tumors] Narusheniya mozgovogo krovoobrashcheniya pri vnutricherepnykh opukholiakh. Minsk, "Belarus", 1967, 118 p. (DNLM)
- Level of nonhemoglobin iron of the blood serum in patients with porphyria cutanea tarda, I. K. Kapralov, Vest. dermat. i ven., 41 no. 7 44-16 JI '67.
- Major psychosomatic correlations in modern interpretation, T. A. Nevzotova, L. G. Ustinova, Sov. med. 30 no. 12 17-21 D '67.
- Materials on the differential diagnosis between cardiosclerosis and mitral defects of the heart in the presence of cardiac fibrillation in old age V. A. Kononischenko and others, Azerb. med. zhur., 44 no. 9 18-26 S '67.
- Measuring skin temperature as a basis for the evaluation of the state of the peripheral blood circulation in arterial diseases, V. M. Sitenko, Vest. khir., 89 no. 11 26-29 N '67.
- Mechanism of the action of Matsaeta hydrogen sulphide baths on experimental atherosclerosis V. P. Lavrov, Vop. kur., fizioter. i lech. fiz. kul't., 32 no. 6 505-511 N-D '67.
- Mechanism of the vasomotor effect of lobeline, L. O. Hahovskiy, Fiziol. zhur. [Ukr.] 13 no. 6 768-773 N-D '67.
- Medical and prophylactic aid in obliterating diseases of the arteries of the extremities in outpatient service, A. I. Ivanov, G. D. Nazarov, Vest. khir., 89 no. 9 123-128 S '67.
- Method of automatic deciphering of ballistocardiograms by means of computers, G. I. Sidorenko, G. A. Afanas'ev, Kardiologiya 7 no. 12 117-123 D '67.
- Method of infrared spectroscopy in the study of malignant diseases of the blood, Zh. Zh. Rapoport, G. R. Balueva, Shor. nauch. trud. Krasnoar. gos. med. no. 7 324-328 '63.
- Method of simultaneous color display of catalase and blood hemoglobin on paper S. I. Krainev, Lab. delo no. 8 471-472 '67.
- Metrohemostat in the prevention and treatment of post-peral hemorrhages, Report No. 1, G. A. Skudarnova, Trudy Novokuz. GIDUVA no. 33 112-114 '66.
- Mitral commissurotomy in a patient with a chronic adrenal insufficiency P. A. Sil'nikskii, A. P. Beliaeva, Vest. khir., 89 no. 8 111-112 Ag '67.
- Morphogenesis in the organization of vascular allotransplants, B. Kh. Abbasov, K. M. Fozhantaskii, Vest. khir., 89 no. 11 33-39 N '67.
- Multichannel electrocardiographs with ink or thermal recording, B. V. Naruzhnyi and others, Med. tekh. i no. 2 19-27 Mr-Ap '67.
- Myocardial infarct in patients with diabetes mellitus, I. S. Klemashev, Kardiologiya 7 no. 12 54-57 D '67.
- New methodology for the detection of C-reactive protein in blood plasma I. A. S. Shapiro, Lab. delo no. 8 489-491 '67.
- New portable apparatus of artificial blood circulation, F. V. Balizuev, F. V. Bezmenov, I. G. Fedorov, Med. tekh. i no. 2 48-51 Mr-Ap '67.
- Orientational reflexes and unconditioned vascular reactions in neurodermatitis, L. D. Nifant'eva, Shor. nauch. trud. Krasnoar. gos. med. no. 7 39-41 '63.
- Pancreatic hormones and atherosclerosis, O. N. Voskresenskii, Kardiologiya 7 no. 12 128-139 D '67.

- Dynamics of glutathione in the blood in exudative pleurisy. M. A. Khatamadzhe. *Azerb. med. zhur.* 44 no. 9 27-33 S '67.
- Dynamics of the changes in gas composition of the blood in dogs during the development of acute hypoxia. A. I. Niyazov. *Fiziol. zhur. [Ukr.]* 13 no. 6 771-777 N-D '67.
- Dynamics of the changes in the electrocardiogram in connection with surgical removal of the lung. N. G. Fyhanova and others. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-78-81 '66.
- Dynamics of the higher nervous activity in bronchial asthma. A. T. Pashonik, G. A. Buzhinskaya, Shor nauch. trud. Krasnoar. gos. med. no. 7 31-37 '63.
- Dynamics of vascular and respiratory reactions and labile globulin in man during changed correlations of cortical processes. G. F. Rud'. *Shor nauch. trud. Krasnoar. gos. med.* no. 7-28-30 '63.
- Early diagnosis of pulmonary cancer. A. I. Savitskiy. *Khirurgia* 43 no. 8 1-10 Ag '67.
- Effect of artificial pulmonary hyperventilation on the biologic activity of the brain under conditions of general anesthesia. S. I. Gol'man. *Vest. khir.* 99 no. 11-115 N '67.
- Effect of hypoxia and diphasic on the content of acetone bodies, acetylation and activity of hexokinase in tissues. F. K. Chetvrikova, I. A. Morozova, I. G. Shestobak. *Vop. med. khim.* 13 no. 6 588-591 N-D '67.
- Effect of hypoxia on tissue sensitivity to acetylcholine in animals of various ages. O. O. Markova. *Fiziol. zhur. [Ukr.]* 13 no. 6 827-830 N-D '67.
- Effect of prostigmine on the function of the denervated lung under experimental conditions. I. A. Al'pertin and others. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-230-231 '66.
- Effect of ultrasound on the function of extrinsic respiration in patients with disorders of bronchial permeability. A. N. Shema. *Vop. khir. i fizioter. i lech. fiz. kul't.* 32 no. 6 542-548 N-D '67.
- Effect on the blood pressure and respiration, the general effect and comparative toxicity of anesthetic derivatives. M. N. Pukhotov. *Shor nauch. trud. Krasnoar. gos. med.* no. 7 91-95 '63.
- Electrophysiological characteristics of the functional state of the central and peripheral nervous system in bronchological studies. I. T. S. Ioffe and others. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-73-77 '66.
- Errors in the X-ray diagnosis of pulmonary cancer in the light of pathoanatomical data. I. A. Azheli, N. A. Diachenko. *Shor nauch. trud. Krasnoar. gos. med.* no. 7 162-164 '63.
- Evaluating results of postoperative treatment by electroretinography in some lung and heart diseases. L. F. Koblov. *Eksp. khir. i anest.* 12 no. 6 49-52 S-O '67.
- Experience in histochemical study of the contents of the bronchi in patients with pulmonary diseases. O. A. Potukova. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-183-185 '66.
- Experience in intratracheal introduction of medicinal substances in the treatment of suppurative diseases of the lungs and pleura. Clinical and experimental study. P. R. Chukurov. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-218-251 '66.
- Experience in surgical treatment of lung tumors. B. S. Babashev. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-191-196 '66.
- Experience in surgical treatment of suppurative diseases of the lungs and pleura. A. N. Tyrganov, G. K. Tkachenko. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-116-119 '66.
- Experience in the study of external respiration in suppurative diseases of the lungs. I. A. Kozlova. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-100-162 '66.
- Experience in the treatment of patients with foreign bodies of gunshot origin in their lungs. A. I. Kaplan. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-225-228 '66.
- Experience in using ganglion block and hypotension in lung operations. I. S. Dzhaikov. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-103-105 '66.
- Experimental substantiation of the use of devices and methodologies in regional perfusion in diseases of the lungs. S. A. Mushegian and others. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-31-33 '66.
- Experimental substantiations of the use of the "TSiakrin" glue in pulmonary surgery. V. R. Belkin and others. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-56-62 '66.
- Expertise of the capacity for work and of job placement of patients following radical surgery for lung cancer. Preliminary report. V. V. Ryzenko. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-202-206 '66.
- First experience in the clinical use of the "TSiakrin" glue in lung surgery. M. I. Porel'man, G. I. Lukomskii, V. R. Belkin. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-63-66 '66.
- Euthanasia anesthesia in lung operations. F. G. Uglov, V. N. Makatun, V. I. Strashnov. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-98-102 '66.
- Functional bronchological studies in surgical diseases of the lungs. L. T. S. Ioffe. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-7-12 '66.
- Functional condition of the adrenal cortex in patients with tuberculosis who have been treated with antibacterial preparations. M. N. Alieva. *Azerb. med. zhur.* 44 no. 8 64-69 Ag '67.
- Functional state of pulmonary tissue in resection of the main bronchus and straightening of the lung following atelectasis. N. Kh. Shamirzaev. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-71-72 '66.
- Functional state of the adrenal cortex in bronchial asthma. E. I. Ivashkevich, L. I. Pivina, V. S. Sergievskii. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-109-112 '66.
- Hemodynamic changes in different stages of autotransplantation of the lungs in man. F. N. Meshkpin and others. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-220-221 '66.
- Hemodynamics in the pulmonary circulation in chronic diseases of the lungs. F. S. Shafer, G. I. Feoflov, D. A. Natsadze. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-13-18 '66.
- Immediate and late results of antibacterial therapy in children with bronchodentitis, in sanatorium-climatic conditions of Apsheon. S. Sh. Uscinova. *Azerb. med. zhur.* 44 no. 8 69-75 Ag '67.
- Immediate results of surgical treatment of primary cancer of the lung. B. A. Korolev, M. P. Kapov. *Vest. khir.* 99 no. 8 23-28 S '67.
- In connection with E. S. Karashurov's article. E. Rutkovskii. *Vest. khir.* 99 no. 8 156-157 Ag '67.
- Influence of water suspension of propyl iodine on lung tissues in experimental bronchography. L. S. Rozenshtau and others. *Eksp. khir. i anest.* 12 no. 5 28-34 S-O '67.
- Laryngopharyngeal disorders in cervical osteochondrosis. M. N. Chirkovskii. *Sov. med.* 30 no. 12 104-108 D '67.
- Malignant tumor of the nose and pharynx based on data of the otorhinolaryngological clinic. B. A. Tembovskii. *Shor nauch. trud. Krasnoar. gos. med.* no. 7 164-169 '63.
- Materials for the characteristics of the functional state of the vegetative nervous system in bronchial asthma. L. I. Evnina, F. I. Ivashkevich, V. S. Sergievskii. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-113-115 '66.
- Mechanical suture in pulmonary surgery. A. M. Geselevich, I. U. A. Gitsman, I. U. G. Goldina. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-51-55 '66.
- Mediastinal teratomas. V. I. Demidov. *Vest. khir.* 99 no. 8 41-45 Ag '67.
- Mediastinoscopy in surgery for pulmonary cancer. I. S. Zhorov, G. I. Lukomskii. *Khirurgia* 43 no. 8 29-32 Ag '67.
- Method for the preparation of new X-ray contrast suspensions for bronchography (bronchodiagnostics) and bronchodiagnostics. I. S. Kas'yanov and others. *Khim. farm. zhur.* 1 no. 8 50-51 Ag '67.
- Methodology of pneumopulmonography. V. N. Zhigalkin, L. T. S. Ioffe. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-27-30 '66.
- Neoplasms of the mediastinum. A. P. Kolesov and others. *Khirurgia* 43 no. 8 43-50 Ag '67.
- Outcome of resections of the lungs in chronic suppurative processes. N. V. Ionov and others. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-130-143 '66.
- Oxygenator of the foam-film type. B. S. Bobrov, V. S. Kasulin. *Med. tekhn. i no. 2 32-34 Mr-Apr '67.*
- Pathogenesis of pulmonary edema during operations. A. S. Rovnov, I. U. S. Ezhov. *Eksp. khir. i anest.* 12 no. 5 84-88 S-O '67.
- Pathomorphology of the innervation of the mucous membrane of the alveolar sinuses. A. I. Safarov. *Azerb. med. zhur.* 41 no. 11 23-27 N '67.
- Prevention of postoperative bronchitis (fistulas): experimental and clinical study. G. K. Tkachenko, N. S. Volkov. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-95-97 '66.
- Principles of plastic surgery in the closure of defects penetrating into the oral and nasal cavities. B. D. Kobakov. *Vest. khir.* 99 no. 8 78-82 Ag '67.
- Prolonged artificial ventilation in acute respiratory insufficiency following lung surgery. B. S. Kibrik. *Eksp. khir. i anest.* 12 no. 5 80-83 S-O '67.
- Radiotherapy of lung cancer by the method of large-size fractionation of the dose. S. B. Baimukhanov, K. Z. Dzheteev, K. E. Zhokhlev. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-197-201 '66.
- Recanalization of the stump of the main bronchus following the operation of transbronchotomy. V. P. Dyskin. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-244-247 '66.
- Remote results of single stage closed echinococostomy of the lung. M. G. Goldfarb, S. V. Shtern. *Azerb. med. zhur.* 44 no. 8 58-64 Ag '67.
- Replacement of extensive circular defects of the trachea with polymer prostheses. A. A. Simonov. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-67-70 '66.
- Resection of the lungs for cancer. M. I. Porel'man, S. P. Grigor'eva. *Khirurgia* 43 no. 8 32-38 Ag '67.
- Results of the study of the function of external respiration and electrocardiogram at late periods following lobectomy. I. A. E. Lamm, O. A. Vitits, *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-84-86 '66.
- Role of the cardiovascular system in compensation of oxygen starvation in anemia. A. A. Grigorian. *Shor nauch. trud. Krasnoar. gos. med.* no. 7 55-60 '67.
- Serological study of Mycoplasma pneumoniae infection in various age groups of adults and children. I. S. Dietzin and others. *Vop. virus.* 12 no. 6 660-667 N-D '67.
- Significance of special research methods in the surgery on pulmonary tumors. V. I. Struchkov, A. V. Grigorian, S. V. Lohvitskii. *Khirurgia* 43 no. 8 22-28 Ag '67.
- Some characteristics of the course of chronic suppurative processes in the lungs under the conditions of dry hot climate. A. Kh. Khaidarov, Kh. Kh. Rasulov. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-120-123 '66.
- Some data on comparative characteristics of the adaptation process to hypoxia and the method of stage acclimatization to high-mountain climate. N. M. Shumyatska. *Fiziol. zhur. [Ukr.]* 13 no. 6 821-827 N-D '67.
- Some functional changes in the neuoreceptor apparatus of the pleural cavity in surgical pneumothorax, experimental data. E. M. Valentinovich. *Shor nauch. trud. Krasnoar. gos. med.* no. 7 194-197 '63.
- Some physiological mechanisms of the effect of high-mountain climate on the course of bronchial asthma. V. I. Kivovskii. *Fiziol. zhur. [Ukr.]* 13 no. 6 788-793 N-D '67.
- Special features of anesthetization in plastic surgery on the thoracic segment of the trachea and bronchi. O. M. Avilova, L. P. Kravchenko. *Eksp. khir. i anest.* 12 no. 5 75-80 S-O '67.
- Suppurative processes of nontuberculous etiology in the lungs and pleura. K. N. Petukhov. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-124-126 '66.
- Surgery in transposition of the diaphragm as a means of correcting the pleural cavity. A. P. Ogurenko. *Vest. khir.* 99 no. 8 113 Ag '67.
- Surgical tactics in pulmonary hemorrhages. S. A. Voinov, A. A. Beisbaev. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-87-91 '66.
- Surgical treatment of benign tumors and cysts of the lungs. M. I. Shul'ko, M. G. Vinner. *Vest. khir.* 99 no. 11 44-50 N '67.
- Surgical treatment of benign tumors and cysts of the mediastinum. B. A. Korolev, I. V. Korepanova. *Khirurgia* 43 no. 8 50-56 Ag '67.
- Surgical treatment of patients with congenital diseases of the lungs and mediastinum. S. N. Levenchenko and others. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-207-213 '66.
- Surgical treatment of suppurative diseases of the lungs in patients with diabetes mellitus. K. A. Kashtin. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-133-138 '66.
- Technique of removing foreign bodies from the trachea and bronchi. A. Z. Levin. *Shor nauch. trud. Krasnoar. gos. med.* no. 7 451-452 '63.
- Terminal bronchography as a diagnostic method in disorders of the pulmonary ventilation. G. L. Gelfov, E. P. Mukhin, E. S. Shafer. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-22-26 '66.
- Theoretical and experimental substantiations for using "adult" respirators on younger children. V. M. Ustrovich, I. U. S. Gal'perin. *Eksp. khir. i anest.* 12 no. 6 56-60 N-D '67.
- Topological substantiation of the extracardiac method of exposing pulmonary vessels and bronchi in lung surgery. A. I. Lashock, S. Kh. Birgin. *Vest. khir.* 99 no. 8 45-50 Ag '67.
- Treatment of otogenous sepsis. E. C. Mukhin. *Shor nauch. trud. Krasnoar. gos. med.* no. 7 351-352 '63.
- Treatment of postoperative pneumonitis following radical surgery for suppurative diseases of the lungs. V. P. Korobkov, I. F. Repina. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-157-159 '66.
- Treatment of pulmonary echinococcosis. I. K. Akhunbaev. *Vest. khir.* 99 no. 8 28-32 S '67.
- Unusual pulmonary-mycocardial syndrome of allergic nature. I. M. Gandzha, I. P. Lerner. *Kardiologiya* 7 no. 12 77-82 D '67.
- Use of Allium ursinum phytoncides in the treatment of chronic suppurative otitis in children. L. P. Moiseeva. *Shor nauch. trud. Krasnoar. gos. med.* no. 7 357-360 '63.
- Use of labeling method in studying transposition of lung tissue following partial resection. A. I. Pirogov, N. I. Rybakova. *Eksp. khir. i anest.* 12 no. 6 28-30 N-D '67.
- Use of perfusion chemotherapy in compound treatment of lung cancer. L. N. Kamardin. *Trudy Kazakh. inst. klin. i eksp. khir.* AMN SSSR 12-214-220 '66.
- Use of supplementary intrathoracic novocaine block by electroionophoresis in the resection of lung under experimental conditions. E. M. Valentinovich. *Shor nauch. trud. Krasnoar. gos. med.* no. 7 197-199 '63.
- Using alloplastic materials in experimental reconstructive surgery on the trachea. N. S. Koroleva. *Vest. khir.* 99 no. 8 56-60 Ag '67.

- zhur. 44 no. 11-23 N '67.
- Acute diverticulitis of the small intestine. A. G. Zemlaniol. Vest khir. 99 no. 8:84-86 Ag '67.
- Acute intestinal obstruction. V. F. Glivenko. Shor. nauch. trud. Krasnoar. gos. med. no. 7:184-187 '63.
- Acute multiple bleeding stomach ulcers. A. T. Butenko. Vest khir. 99 no. 8:115-116 Ag '67.
- Age-related differences of the dimensions of the greater omentum. Z. K. Zabegal'shaia. Vest khir. 99 no. 9:120-121 S '67.
- Alimentary allergy in chronic enterocolitis patients. N. Nedkova-Bratanova and others. Vop. pit. 26 no. 4:50-53 Ji-Ag '67.
- Anatomical substantiation for surgical approach to the intrahepatic ducts of the right lobe. E. S. Futorian, B. M. Shubin. Vest khir. 99 no. 8:35-38 Ag '67.
- Anesthesia in surgery in inflammatory diseases of the biliary tract. I. A. Belichenko, B. M. Grahman. Eksp. khir. i anest. 12 no. 6:54 N-D '67.
- Apoptosis M. G. Solov's article "Proteins and its fractions in gastric juice". I. T. Abasov. Lab. delo no. 8:486-487 '67.
- Aspects of using epoxy resins in stomatology. Utilization of high-molecular epoxy resins. E. M. Shakhman and others. Med. tekhn. 1 no. 2:39-43 Mr-Apr '67.
- Benign nonepithelial tumors of the stomach, clinical, X-ray, gastroscopic and surgery parallels. V. A. Golovnichits, E. M. Ginzburg. Khirurgia 43 no. 8:101-106 Ag '67.
- Case of extensive resection of the intestines in a patient having had resection of the stomach. D. O. Aikis. Shor. nauch. trud. Krasnoar. gos. med. no. 7:442-444 '63.
- Catheterless examination of the acidity of the gastric juice. I. I. Skvashchenko. Lab. delo no. 11:658-660 '67.
- Causes of death following radical surgery for cancer of the cardia. V. A. Ivanov, T. V. Kotlukova. Khirurgia 43 no. 8:107-112 Ag '67.
- Changes in hepatic function in patients with functional uterine hemorrhage. K. P. Pukhal'skaia. Akush. i g. 43 no. 9:25-28 S '67.
- Changes in the common renal resistance in hypertension treated with hexamethonium in combination with reserpine. V. I. Shtegman. Shor. nauch. trud. Krasnoar. gos. med. no. 7:263-267 '63.
- Changes in the electrocardiogram and disorders of potassium metabolism in surgical interventions on the stomach. A. A. Kikhalev, B. M. Druianov, I. M. Gishina. Kardiologia 7 no. 12:97-102 D '67.
- Changes in the mucous membrane of the stomach following thyroidectomy. S. M. Lipovskii, N. M. Zhukova. Arkh. anat., gist. i embri. 53 no. 12:46-51 D '67.
- Characteristics of cholelithiasis in young women. M. M. Tagieva. Vest khir. 99 no. 11:78-80 N '67.
- Cicatricial pyloric stenosis following a chemical burn in a child aged 1 year 10 months. V. P. Baldalinov, V. N. Nostayn. Vest khir. 99 no. 8:107-108 Ag '67.
- Cicatricial stenosis of esophagointestinal and esophago-gastric anastomoses. B. E. Petersen, O. A. Malysheva, V. I. Plotnikov. Khirurgia 43 no. 8:78-85 Ag '67.
- Classification of chronic pancreatitis. M. A. Trunin. Vest khir. 99 no. 9:60-65 S '67.
- Clinical course of labor in echinococcosis of the liver. G. K. Nikitina. Trudy Novokuz. GIDUVA no. 33:158-159 '66.
- Clinical importance of diets enriched with lipotropic factors for chronic liver patients. F. A. Belet and others. Vop. pit. 26 no. 4:40-45 Ji-Ag '67.
- Clinical use of electrogastrography. I. A. V. Polakov. Shor. nauch. trud. Krasnoar. gos. med. no. 7:271-273 '63.
- Combined resections of the stomach. N. A. Telkov. Vest khir. 99 no. 9:58-60 S '67.
- Comparative analysis of anastomosis, established by using mechanical sutures in experimental cardiac resection. L. E. Denisov. Eksp. khir. i anest. 12 no. 6:34-37 N-D '67.
- Content of nucleic acids and the activity of aminotransferases in the liver and lungs in guinea pigs following introduction of streptomycin, phthalivazide and glutamic acid. M. A. Cherkova. Vop. med. khim. 13 no. 6:598-600 N-D '67.
- Content of vitamin C in the blood and urine during chronic colitis. S. A. Amirasanov. Azerb. med. zhur. 44 no. 11:52-57 N '67.
- Cytophotometric determination of the content of DNA in hepatic cells in the process of their malignization. I. A. Umanski and others. Vop. onk. 13 no. 10:103-108 '67.
- Dependence of the volume of glomerular filtration from the degree of arterial pressure in hypertension. V. I. Shtegman. Shor. nauch. trud. Krasnoar. gos. med. no. 7:268-270 '63.
- Diagnosis and surgical treatment of postoperative syndromes following gastric resections. V. S. Malet and others. Sov. med. 30 no. 12:29-38 D '67.
- Diagnosis of chronic appendicitis with the aid of algorithms of perception on electronic computers. M. I. Shtraiber and others. Eksp. khir. i anest. 12 no. 6:26-28 S-O '67.
- Effect of Kemeri mineral waters on hepatic function under normal conditions and in experimental toxic hepatitis. L. G. Chepik. Vop. khir. i fizioter. i lech. fiz. kul't. 32 no. 6:515-518 N-D '67.
- Effect of peristalsis on the course of metastatic spreading of cancer of the stomach. T. I. Galandina. Eksp. khir. i anest. 12 no. 6:30-33 N-D '67.
- Effect of protein-enriched diet and casein hydrolysate on some protein metabolism indices in chronic enterocolitis patients. L. M. Krums. Vop. pit. 26 no. 4:45-49 Ji-Ag '67.
- Effect of protein-enriched diet on the trypsin activity in the blood serum of chronic pancreatitis patients. V. A. Shatennikov, I. I. Khatzev, S. A. Tuzhilin. Vop. pit. 26 no. 4:54-57 Ji-Ag '67.
- Electron microscopy of erythrocytes following prolonged storage in frozen state. E. I. Terent'eva, F. R. Vinograd-Finkel', L. I. Fedorova. Probl. gemat. i perel. krov. 12 no. 11:38-44 N '67.
- Electrophoretic analysis of soluble proteins of C3H mice liver in early stages of carcinogenesis. L. S. Potapchikova, T. A. Korosteleva. Vop. onk. 13 no. 12:30-44 '67.
- Enlargement of the common bile duct in a 10-year-old child. L. B. Duberman, A. I. Rykin. Vest khir. 99 no. 8:103-104 Ag '67.
- Experiment in new glue method of closing the liver stump and the gall bladder bed after cholecystectomy. G. S. Lipovetski and others. Eksp. khir. i anest. 12 no. 5:38-39 S-O '67.
- Experimental two-stage resection of the liver. I. Z. Kozlov and others. Eksp. khir. i anest. 12 no. 5:34-38 S-O '67.
- Fibrinogen and labile globulins in preoperative and postoperative periods in diseases of the stomach. O. E. Nifant'ev. Shor. nauch. trud. Krasnoar. gos. med. no. 7:220-224 '63.
- Five observations of calcification of the gallbladder. A. F. Gredzhev, V. V. Minits. Vest khir. 99 no. 11:124-125 N '67.
- Fractionation of liver and rat sarcoma RNA on columns with methylated albumin. A. M. Mirlem, K. A. Perevoshchikova, A. P. Belousov. Vop. med. khim. 13 no. 6:633-639 N-D '67.
- Functional and structural changes in the liver in insufficiency of blood circulation. O. D. Isserson, D. A. Glushkova. Shor. nauch. trud. Krasnoar. gos. med. no. 7:258-263 '63.
- Gastric hemorrhages due to acute erosion and stomach ulcers. L. V. Grigor'eva, L. M. Kapitsa. Vest khir. 99 no. 8:114-115 Ag '67.
- Inflammatory tumors of the abdominal cavity. P. I. Lushakov, E. L. Svintsov. Vest khir. 99 no. 9:119-120 S '67.
- Influence of peritoneal dialysis and novocain solution on absorption of antibiotics and proteins from the abdominal cavity. B. S. Danilova. Eksp. khir. i anest. 12 no. 5:40-43 S-O '67.
- Intensifying anti-inflammatory effect of novocaine block by physiotherapeutic procedures. L. N. Fridorogin. Vop. khir. i fizioter. i lech. fiz. kul't. 32 no. 6:555-556 N-D '67.
- Isolation of cytopathogenic agents from the blood and feces of people with infectious hepatitis, preliminary report. N. V. Kiseleva, I. F. Barnaskii. Vop. virus. 12 no. 6:742-747 N-D '67.
- Kimbarovskii's color sedimentation reaction with gastric juice and urine in diseases of the stomach. V. A. Kholchenko. Lab. delo no. 8:505-506 '67.
- Laparoscopy in surgical clinical practice. L. I. Gorokhov and others. Med. tekhn. 1 no. 2:27-31 Mr-Apr '67.
- Late results of bougienage of the esophagus for chemical burns. R. M. Gofastin. Shor. nauch. trud. Krasnoar. gos. med. no. 7:354-357 '63.
- Late results of choledochoduodenostomy. I. I. Solov'eva-Raskina and others. Vest khir. 99 no. 11:81-84 N '67.
- Limits of resection in gastric cancer. S. D. Khokhtov. Vop. onk. 13 no. 12:65-68 '67.
- Lymphogranulomatosis of the stomach. G. I. Zverev, V. A. Sadov'skaia. Vest khir. 99 no. 11:121-122 N '67.
- Major psychosomatic correlations in modern interpretation. T. A. Nevzorova, L. G. Urosova. Sov. med. 30 no. 12:17-21 D '67.
- Methodology of 5-fluorouracil treatment of gastric cancer. D. B. Korman, L. S. Evseenko, R. S. Orlova. Vop. onk. 13 no. 12:61-65 '67.
- Modern equipment and achievements in the treatment of cancer of the rectum. S. A. Khodlin. Khirurgia 43 no. 8:121-125 Ag '67.
- Morphogenesis of cancer of the esophagus. L. A. Cherkaskii, S. V. Baidukov. Vop. onk. 13 no. 12:23-29 '67.
- Morphological analysis of the "saucer-shaped" cancer of the stomach. N. M. Smirnov. Vop. onk. 13 no. 12:29-35 '67.
- Morphological examination of the liver in experimental stab and cut wounds. N. K. Pormiakov, V. S. Durnev. Eksp. khir. i anest. 12 no. 6:38-42 N-D '67.
- Morphology of primary cancer of the liver. N. N. Petrovichev. Vop. onk. 13 no. 10:60-65 '67.
- Pancreatic hormones and atherosclerosis. O. V. Vashenskii. Kardiologia 7 no. 12:128-139 D '67.
- Paper electrophoresis of soluble protein of the feces. R. K. Bushkova. Lab. delo no. 8:184-186 '67.
- Paradentosis in diabetes mellitus. A. M. Bragits. Azerb. med. zhur. 44 no. 11:38-41 N '67.
- Partial gastric secretion in pathology. P. I. Kozlovskii. Shor. nauch. trud. Krasnoar. gos. med. no. 7:231-242 '63.
- Pathological states following Billroth-2d type gastric resection. A. A. Rusanov. Vest khir. 99 no. 11:63-69 N '67.
- Postoperative pancreatitis. K. D. Toskun, S. D. Guri. Vest khir. 99 no. 11:73-77 N '67.
- Primary multiple cancer of the large intestine. A. I. Bratvin. Vest khir. 99 no. 11:122-124 N '67.
- Principles of plastic surgery in the closure of defects penetrating into the oral and nasal cavities. B. D. Kabakov. Vest khir. 99 no. 8:75-82 Ag '67.
- Pseudocystic pancreatitis. L. P. Volkova. Vest khir. 99 no. 9:55-59 S '67.
- Radioautographic examination of planocellular carcinoma of the rumen in mice. O. S. Frankl'ov. Vop. onk. 13 no. 10:109-113 '67.
- Rectovaginal fistulas. A. M. Marzhbits, A. S. Tolstozor. Trudy Novokuz. GIDUVA no. 33:261-263 '66.
- Refractivity of antidiabetic sulfanilamide preparations and means of lowering it. S. M. Gusman, M. A. Maslov. Azerb. med. zhur. 44 no. 9:9-13 S '67.
- Repeated operations for cancer of the gastric stump. M. F. Caponenko. Vest khir. 99 no. 9:115-116 S '67.
- Repeated operations in cancer of the large intestine. A. N. Shabanov. Khirurgia 43 no. 8:117-121 Ag '67.
- Resection of the right half of the large intestine in cancer. O. I. Vinogradova. Khirurgia 43 no. 8:112-117 Ag '67.
- Rheumatic appendicitis in children. A. I. Cherkas. Sov. med. 30 no. 12:40-53 D '67.
- Role of intraperitoneal insufflations of oxygen in changes of motility of the small intestine in acute peritonitis. N. A. Kryzhanovskii. Eksp. khir. i anest. 12 no. 5:51-58 S-O '67.
- Secondary gastrointestinal hemorrhage following a closed hepatic injury in children. E. I. Finkel'son, E. B. Veinikun, S. P. Mironov. Vest khir. 99 no. 8:105-107 Ag '67.
- Secretion of disseminating hydropic fluid by the gastric mucous membrane. F. F. Kostukh. Shor. nauch. trud. Krasnoar. gos. med. no. 7:242-245 '63.
- Selection of surgical approach in cancer of the cardia. V. I. Kolesov, O. I. A. Matus. Khirurgia 43 no. 8:71-77 Ag '67.
- Separate result of extended palliative resection of the liver for alveolar echinococcosis. D. O. Aikis. Shor. nauch. trud. Krasnoar. gos. med. no. 7:410-412 '63.
- Sequelae of gastrectomy and resection of the proximal portion of the stomach. V. S. Malet and others. Khirurgia 43 no. 8:89-95 Ag '67.
- Significance of choledochopancreatic reflux in cholestasis. I. A. S. Kotiger. Vest khir. 99 no. 9:72-76 S '67.
- Significance of the bacterial flora in the reconstruction of experimental amebiasis. M. A. Sakskian. Med. parazit. i paraz. bol. 38 no. 6:715-721 N-D '67.
- Some morphologic and biochemical changes in the liver in acute intestinal obstruction under experimental conditions. V. N. Nikolaev, V. P. D'akov. Shor. nauch. trud. Krasnoar. gos. med. no. 7:221-227 '63.
- Some problems of surgery for cancer of the stomach. R. P. Askerkhanov, F. G. Mishchenko. Khirurgia 43 no. 8:96-101 Ag '67.
- Stenocardiac syndrome in cancer of the esophagus and the cardiac section of the stomach. M. E. Elondiev, N. I. Kostenko. Azerb. med. zhur. 44 no. 8:45-45 Ag '67.
- Surgical and medicinal treatment of cancer of the liver. V. S. Shapkin. Vop. onk. 13 no. 10:66-71 '67.
- Surgical treatment of abscesses of the bursa omentalis. A. N. Taitov, Z. A. Talrova. Azerb. med. zhur. 44 no. 8:53-57 Ag '67.
- Surgical treatment of cancer of the rectum, analysis of 600 operations. A. N. Ryzhikh, S. N. Fain, V. I. Rikun. Khirurgia 43 no. 8:126-132 Ag '67.
- Surgical treatment of cholecystitis and complications connected with bile duct surgery. E. V. Smirnov. Vest khir. 99 no. 8:28-34 Ag '67.
- Surgical treatment of suppurative diseases of the lungs in patients with diabetes mellitus. K. A. Kashkin. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12:113-115 '67.
- Synthesis of antibiotics in vitamin C deficiency and in partial fasting. M. I. Ravich-Scherbo, N. R. Lutsuk. Vop. pit. 26 no. 4:16-21 Ji-Ag '67.
- Technique and methodology of peroral cholecystography in children. M. S. Brodskii. Azerb. med. zhur. 44 no. 9:47-52 S '67.
- Technique of closing the duodenal stump in resection of the stomach. P. G. Chervencov. Vest khir. 99 no. 11:119-120 N '67.
- Treatment of cholangitis and multiple abscesses of the liver by introduction of antibiotics into the umbilical vein. N. G. Nazarevskii, V. V. Iosimov, N. N. Volobuev. Vest khir. 99 no. 9:117-118 S '67.

516.3 (Continued)

- Treatment of gastric cancer following surgical intervention V. V. Gorodtsova, I. V. Koliaduk, M. N. Averkieva Khirurgia 43 no. 8 86-88 Ag '67
- Treatment of the perineal wound following combined excision of the rectum A. N. Ryzhik, V. B. Alek-sandrov, I. M. Inokhov Vest khir. 99 no. 11 85-88 N '67
- Treatment of villous polyps of the rectum L. N. Insha-lo, Vop onk. 13 no. 10 71-76 '67
- Two cases of glycogenosis in children A. A. Tiubova, Azerb med zhur 41 no. 8 81-84 Ag '67
- Types of "fasting" motility of the duodenum in man under normal conditions and in pathology, based on electro-duodenographic and mechanoduodenographic data, R. P. Makos' Fiziol. zhur [Ukr.] 13 no. 6 819-823 N-D '67
- Use of Allium ursinum and garlic phytoncides in the treat-ment of diseases of the oral cavity A. F. Itskison, F. A. Gurevich, Sbor nauch. trud Krasnoyarsk gos. med. no. 7 75-77 '63
- Use of ion exchange cation resins for the determination of the acidity of gastric juice V. K. Modestov, A. T. Ts'gankov, Lab. delo no. 11 657-658 '67
- Use of Levin's method for laboratory diagnosis of cirrhosis of the liver M. P. Pastolov, U. U. Ibragimov Lab. delo no. 8 187-189 '67
- Use of the ECG-3 electrocardiograph for the control of peristalsis of the intestines in the postoperative period, G. A. Katsava, R. I. Zhitnikov Vest khir. 99 no. 11 118-119 N '67
- Use of the PKS-25, PKS (K/Ts)-28 and other apparatus in surgery on the stomach and intestines, V. P. Mikhailov-ski Vest khir. 99 no. 11 69-72 N '67
- Vitamin C content in the blood following resection of the small and large intestines, A. G. Roslavkov Vop. pit. 26 no. 4 86-87 Ji-Ag '67

610.3 (471.310)—Moscow City

- Microbial picture of pathogens of intestinal infections in Moscow during 1961-1965 S. N. Kaganovskaya Lab. delo no. 8 509-510 '67

616.3 (571.51)—Krasnoyarsk Territory

- Opiostriosis in the Chulym Valley, K. F. Bogdanov Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 288-291 '63
- Some clinical and epidemiological data on outbreaks of botulism in Krasnoyarsk, A. I. Bychkov and others, Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 342-344 '63
- Treatment of chronic gastritis and peptic ulcers in Uchum Health Resort, K. F. Bogdanov, Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 301-305 '63

616.314 TEETH, DENTISTRY ODONTOLOGY

- Extraction and treatment of teeth in trigeminal neuralgia V. A. Smolinov, M. C. Rumiantova-Ruasskikh, N. S. Solunov Sov. med. 30 no. 12 112-111 D '67
- Parodontitis in diabetes mellitus A. M. Ibragimov, Azerb. med. zhur. 44 no. 11 38-41 N '67

616.4 HEMOPOIETIC, LYMPHATIC, ENDOCRINE SYSTEMS

- Atypical forms of lymphogranulomatosis, I. A. Dudar', Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 253-256 '63
- Cancer of the thyroid gland in the light of the surgeon's and morphologist's experience, A. T. Lidskii, V. M. Lumpova, Khirurgia 43 no. 8 56-62 Ag '67
- Changes in erythropoiesis in malignant tumors of the ovaries during chemotherapy, A. A. Bruk, G. P. Losku-tova, I. L. Turbina, Vop. onk. 13 no. 12 21-31 '67
- Changes in the activity of enzymes of the arterial wall under the effect of adrenocortical hormones in renal hypertension, I. U. Postnov, Kardiologiya 7 no. 7 55-51 Ji '67
- Changes in the mucous membrane of the stomach follow-ing thyroidectomy, S. M. Lipovskii, N. M. Zhukova, Arkh. anat., gist. i embri. 83 no. 12 46-51 D '67
- Comparative clinicocytological analysis of chronic myelocukemia and primary myelofibrosis, A. V. Zakharova, N. F. Klimova, T. A. Chernitsova Probl. gemat. i perel. krovi 12 no. 8 15-20 Ag '67
- Condition of the thyroid gland in menstrual disorders S. A. Apetov, Akush. i gin. 13 no. 9 21-24 S '67
- Determination of quantitative characteristics of the glucocorticoid activity of the adrenal cortex, P. I. Kunin, R. E. Kumina Lab. delo no. 11 661-665 '67
- Development of hemopoietic aplasia following the use of cyclophosphamide in chronic myeloid leukemia, N. F. Klimova, T. A. Chernitsova, T. G. Protasova, Sov. med. 30 no. 12 67-71 D '67
- Development of tumorous reticuloses in patients with leukemia, erythemia and myofibrosis A. V. Demidova and others Probl. gemat. i perel. krovi 12 no. 11 10-17 N '67
- Early absorption in tourniquet shock, T. D. Pokhliko, Eksp. khir. i anest. 12 no. 5 44-46 S-O '67
- Effect of adrenalectomy and hydrocortisone on the content of water-soluble proteins of the brain and liver, N. S. Kuznetsova, Fiziol. zhur. [Ukr.] 13 no. 6 833-837 N-D '67
- Effect of the surgical trauma on the metabolism of B₁ and B₂ vitamins in patients with goiter, B. F. Tufintsev, Vest. khir. 99 no. 9 55-57 S '67

- Effect of thyroid hypofunction and hyperthyroidism on the content of catecholamines in the brain N. M. Nahnybida, Fiziol. zhur. [Ukr.] 13 no. 6 830-833 N-D '67

- Enzymes and electrolytes of the arterial wall in ischemic cerebral hypertension, I. U. Postnov, V. V. Suchkov, Kardiologiya 7 no. 12 3-9 D '67
- Expediency of widening the limits of surgical interven-tion in cancer of the breast, A. P. Bazhenova Khirurgia 43 no. 8 69-70 Ag '67
- Experimental data on the content of iodine in sources of drinking water in some districts of Krasnoyarsk Terri-tory E. P. Ganina, Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 115-117 '63
- Fluorescence microscopy in cytologic diagnosis of lesions of the thyroid gland, N. I. Nikitina, M. I. Gel'bahts, Lab. delo no. 11 650-651 '67
- Function of the adrenal cortex and thyroid gland in uterine myoma M. I. Slepov, I. L. Novouspenskaya Akush. i gin. 43 no. 9 17-21 S '67
- Functional condition of the adrenal cortex in burn shock, A. D. Pugachev, Vest. khir. 99 no. 8 66-68 Ag '67
- Functional condition of the adrenal cortex in patients with tuberculosis who have been treated with anti-bacterial preparations M. N. Alieva, Azerb. med. zhur. 44 no. 8 61-69 Ag '67
- Functional state of the adrenal cortex in bronchial asthma, F. I. Ivankevich, I. I. Evlina, V. S. Seigievskii, Tiudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12 109-112 '68
- Goiter and its treatment, P. N. Gagarin Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 230-233 '63
- Indices of the contractile function of the myocardium based on the duration of the systolic phases in patients with diffuse toxic goiter S. B. Fed'man, V. G. Spory-tseva, N. N. Kuleshova Kardiologiya 7 no. 7 150-152 Ji '67
- Inhibiting effect of thymectomy on the development of leukemias in mice and rats infected with hemocytoblast-osis virus (Mazurenko) V. N. Stepina, N. P. Mazurenko Vop. virus. 12 no. 6 721-724 N-D '67
- Intensity of leukocyte emigration in the oral cavity in diseases of the blood system following the transfusion of blood and its components A. F. Zolotarev, Probl. gemat. i perel. krovi 12 no. 8 27-30 Ag '67
- Isambekov, R. K., and M. M. Baltabaev. [Nodular toxic goiter] Uzirov. toksicheskiy zob Tashkent, "Medi-tsina," 1965 177 p.
- (DNLM)
- Methodology of differentiated count of lymphoid elements in splenic tissue by means of fluorescence O. N. Borovikova, V. G. Vindimirov, I. I. Ivanov, Lab. delo no. 8 503-504 '67
- Mitral commissurotomy in a patient with a chronic adrenal insufficiency P. A. Sil'nikskii, A. P. Beliaeva, Vest. khir. 99 no. 8 111-112 Ag '67
- Partial gastric secretion in pathology F. P. Kostuk, Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 235-242 '63
- Section of disseminating hydropic fluid by the gastric mucous membrane, F. P. Kostuk, Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 242-245 '63
- Selection of anesthesia for adipose patients; a survey of literature, L. G. Deglatseva, Eksp. khir. i anest. 12 no. 6 61-64 N-D '67
- Some indices of the functional state of the adrenal cortex in atherosclerotic cardiovascular disease combined with chronic circulatory insufficiency, R. I. A. Spivak, T. I. Vakhina, M. M. Zaitetskii, Sov. med. 30 no. 12 22-28 D '67
- State of newborn infants of mothers with late toxicosis of pregnancy of the edematous series, D. M. Aranskaya, Tiudy Novokuz. GIDUVA no. 3 172-174 '66
- State of the adrenal cortex in glaucoma, I. B. Nemeril'skaya, M. G. Saifullina Lab. delo no. 8 505 '67
- Surgical treatment of complicated forms of thyrotoxicosis, G. D. Obraztsov and others Vest. khir. 99 no. 11 128-129 N '67
- Surgical treatment of recurrent goiter, I. A. Shukhgatter, Vest. khir. 99 no. 9 50-55 S '67
- Transarterial phlebography in cancer of the breast, B. S. Rozanov, P. N. Sukhoveev, Khirurgia 43 no. 8 62-66 Ag '67

616.4 (571.15)—Altai Territory

- Results in prevention of endemic goiter in Gornyy Altai E. V. Kamenev, A. G. Mazovetskii, M. I. Balasholkin, Sov. med. 30 no. 12 72-74 D '67

616.4 (571.51)—Krasnoyarsk Territory

- Materials on the characteristics of goiter epidemics in Boguchansk District of Krasnoyarsk Territory, K. T. Kosolapova, Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 283-284 '63

616.4 (574)—Kazakh S. S. R.

- Pathomorphological characteristics of the endemic goiter in northeastern Kazakhstan, M. D. Arslanov, E. E. G. Troitskaya, Vest. AN Kazakh SSR 23 no. 0 52-59 S '67

616.5 DERMATOLOGY

- Achievements of Soviet professional dermatology during 50 years A. P. Dolgov, S. E. Gorbovitskii, M. P. Batun-in Vest. derm. i ven. 41 no. 7 10-16 Ji '67
- Alopecia following operation on the heart under artificial blood circulation, V. T. Egizarian, V. A. Voinov, Vest. khir. 99 no. 11 140-141 N '67

- Bactericidal and fungicidal fluid (BFZ-28) in the treat-ment of some skin diseases, I. N. Vinokurov, L. S. Ukhova, Vest. derm. i ven. 41 no. 7 91 Ji '67

- Changes in erythrocyte resistance in lupus erythematosus, L. S. Solov'eva, E. L. Rokhlina Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 292-296 '63
- Concepts of nevus and their role in the development of Soviet dermatology, P. V. Kozhevnikov, Vest. derm. i ven. 41 no. 7 3-10 Ji '67
- Cutaneous pruritus in tick-borne encephalitis, D. E. Khrolenko Vest. derm. i ven. 41 no. 7 73 Ji '67
- Determination of antibiotics in the serum of patients with herpes R. M. Tkach, Vest. derm. i ven. 41 no. 7 41-44 Ji '67
- Dynamics of histochemical changes in the skin in the development of experimental precancerosis, H. Vahter, M. Kool, Vest. derm. i ven. 41 no. 7 46-49 Ji '67
- Experience in the external combined use of corticoster-oids with antibiotics by the aerosol method in some dermatoses, A. N. Aravitskii, G. N. Mikhov, N. A. Chaika, Vest. derm. i ven. 41 no. 7 76-78 Ji '67
- Experimental materials on the effect on the skin of urea-formaldehyde resins and glues on their basis, L. A. Dueva, Vest. derm. i ven. 41 no. 7 49-54 Ji '67
- In memory of Docent Vasilii Nvitch Matveev, Vest. derm. i ven. 41 no. 7 83-94 Ji '67
- In memory of Nikolai Ivanovich Semenov, Vest. derm. i ven. 41 no. 7 94 Ji '67
- In memory of Professor Aleksandr Borisovich Selitskii, Vest. derm. i ven. 41 no. 7 93 Ji '67
- Indications and contraindications for balneological treat-ment with iodobromite waters in dermatoses P. M. Zorin, Vest. derm. i ven. 41 no. 7 79-81 Ji '67
- Level of nonhemoglobin iron of the blood serum in patients with purpura cutanea tarda, I. K. Kapralov, Vest. derm. i ven. 41 no. 7 44-46 Ji '67
- Localization and course of pityriasis versicolor, A. V. Duk, Vest. derm. i ven. 41 no. 7 74-76 Ji '67
- Material for studying the serological reactions in fungous diseases, A. G. Zmechovskaya, A. I. Martynova, N. M. Kolesnikova, Vest. derm. i ven. 41 no. 7 58-63 Ji '67
- Materials on the problem of transformation of some chronic dermatoses and fungiform mycoses N. S. Smelov, A. A. Kalamarian, Vest. derm. i ven. 41 no. 7 27-32 Ji '67
- Possibility of experimental changes in the pathogenic properties of soil keratophiles, Z. G. Stepanishcheva, A. I. Malkina, Vest. derm. i ven. 41 no. 7 51-57 Ji '67
- Results and aspects of further study of trace elements in dermatology, V. A. Rukhmanov, A. I. Patikov, A. V. Konstantinov Vest. derm. i ven. 41 no. 7 17-20 Ji '67
- Some problems of the improvements of the dermatome technique, I. S. Ukhin, Vest. khir. 99 no. 9 129-131 S '67
- Study of gas exchange through the skin and glycolytic processes in it during eczema, I. I. Pototskii, T. I. Dachenko, Vest. derm. i ven. 41 no. 7 32-36 Ji '67
- Treatment of trichomycosis with griseofulvin, I. M. Khalilov and others, Vest. derm. i ven. 41 no. 7 81-83 Ji '67
- Variations in the course of systemic lupus erythematosus, L. S. Solov'eva, E. L. Rokhlina Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 284-288 '63

616.5 (571.51)—Krasnoyarsk Territory

- Etiopathogenesis, clinical aspects, treatment and preven-tion of occupational dermatoses in workers of cord fabric shops of the synthetic filament, I. I. Gitol'zon and others, Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 123-126 '63
- Occupational dermatoses in Krasnoyarsk Tree Plant and their prevention, I. I. Gitol'zon and others, Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 126-128 '63

616.6 UROLOGY

- Age-related characteristics of urinary excretion of estrogen in dysfunctional uterine hemorrhage, A. F. Dobrotina Akush. i gin. 41 no. 8 7-12 S '67
- Bigeminal external genitalia, M. Sh. Gordanfel'dze Vest. khir. 99 no. 8 100-110 Ag '67
- Case of surgical treatment of emuosis during physical stress in women, N. I. Zakharov, Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 436-437 '63
- Case of surgical treatment of eplapadnia with emuosis, N. I. Zakharov, Sbor. nauch. trud. Krasnoyarsk gos. med. no. 7 434-436 '63
- Content of vitamin C in the blood and urine during chronic colitis, S. A. Amislanov, Azerb. med. zhur. 44 no. 11 52-57 N '67
- Changes in acid-base equilibrium in acute renal in-sufficiency following septic abortion, T. I. A. Pshenich-nikova, Akush. i gin. 43 no. 9 39-41 S '67
- Changes in the activity of enzymes of the arterial wall under the effect of adrenocortical hormones in renal hypertension, I. U. Postnov, Kardiologiya 7 no. 7 5 61 Ji '67
- Chronic pyelonephritis and pregnancy, T. I. Sabli'niko Akush. i gin. 43 no. 9 41-44 S '67
- Copper and zinc balance in the organism of healthy chil-dren of the ages of 2 and 6, and from 8 to 10 years old, A. L. Vorobeva, Vop. pit. 26 no. 4 28-30 Ji-Ag '67
- Davydov, S. N. [Causes of a sterile marriage] Prichiny besplozhnogo braka. Moskva, "Meditsina," 1967. 47 p. (Nauch.-popul. med. literatura).

- 616 6 (571.51)—Krasnoyarsk Territory
- Etiopathogenesis, clinical aspects, prevention and treatment of occupational diseases of the skin in workers of Krasnoyarsk Cellulose, Paper and Hydrolysis Combine I I Gilevskiy and others. Sbor nauch. tr. Krasnoyarsk gos. med. no. 7 120-122 '63
- 616 7 DISEASES OF THE LOCOMOTOR (SKELETAL) SYSTEM
- Activity of alkaline and acid phosphatases in osseous tissues of rabbits affected by plutonium-239. N. I. Fikina, R. E. Ibrizov. Vop. med. khim. 13 no. 6-591-597 N-D '67.
- Age-related dynamics of the symptom of "combined flexion of the hip with the trunk" P. S. Babkin. Sbor. nauch. tr. Krasnoyarsk gos. med. no. 7 389-393 '63.
- Arthrodesis of the hip joint in the light of late results. V. I. Fishkin, B. S. Mulla. Ortop., travm. i protez. 28 no. 9-33-38 '67.
- Basic problems in the theory and practice of treating fractures of tubular bones. A. V. Kaplan, V. A. Chernavskiy. Ortop., travm. i protez. 28 no. 11-20-27 N '67.
- Catclaw spurs and flatfoot. N. I. Davydova. Sbor. nauch. tr. Krasnoyarsk gos. med. no. 7 207-208 '63.
- Changes in the qualitative composition of red blood in osteoarthritic tuberculosis. I. K. Tancheva. Sbor. nauch. tr. Krasnoyarsk gos. med. no. 7 214-217 '63.
- Clinical electromyography in the U.S.S.R. I. U. Iusevich. Zhur. nevro. i psikh. 67 no. 11 1604-1606 '67.
- Clinicopathologic parallels in the diagnosis of malignant tumors of soft tissues. K. V. Daniel'-Bek, N. I. Nikitina. Khirurgiya 43 no. 8 133-136 Ag '67.
- Combined mud and tetracycline treatment of infectious nonspecific (rheumatoid) polyarthritis. G. S. Eremenko. Vop. khir. i fizioter. i lech. fiz. kul't. 32 no. 6 479-485 N-D '67.
- Compression osteosynthesis in sequelae of tuberculous arthritis. A. V. Bedin. Ortop., travm. i protez. 28 no. 9-71-73 '67.
- Current problems of surgery on tumors of pelvic bones. A. A. Korzh. Ortop., travm. i protez. 28 no. 11-50-57 N '67.
- Device for reposition of forearm bones. V. M. Dem'ianov. Ortop., travm. i protez. 28 no. 9-80-81 '67.
- Diagnosis of the spontaneous hematomas of the musculus rectus abdominis. K. G. Gotsvetova, S. D. Verinik. Vest. khir. 99 no. 9 121-122 '67.
- Early phlebography following crural fracture. N. I. Mak-hov, A. D. Farenkov. Vest. khir. 99 no. 11-91-97 N '67.
- Effects of ACTH and cortisone combined with micro-waves on experimental absorption in the knee joint. M. I. Iatsenko. Vop. khir. i fizioter. i lech. fiz. kul't. 32 no. 6 408-501 N-D '67.
- Experience in treating diseases of the locomotor apparatus with hydrocortisone phonophoresis. S. N. Safulina, A. A. Pushkareva. Vop. khir. i fizioter. i lech. fiz. kul't. 32 no. 6 485-488 N-D '67.
- Experience in using physical exercises in water and underwater massage in the treatment of injuries of the knee joint. A. F. Kaptein, I. S. Korostyleva. Vop. khir. i fizioter. i lech. fiz. kul't. 32 no. 6 493-497 N-D '67.
- Experimental study of osteomyelitis of tubular bones. Z. M. Mamidov, G. A. Kutiev. Azerb. med. zhur. 44 no. 11-3-5 N '67.
- Fractures in surgery on evensities. E. V. Kobzev. Ortop., travm. i protez. 28 no. 9-81-83 '67.
- Gracheva, G. S. (Prevention of rickets) Preduprezhdenie rakhita. Moskva, "Meditsina," 1967. 24 p. (Nauuch.-popul. med. literatura).
- Gratsianskiy, V. P., and D. K. Khokhlov. [Diagnosis of initial forms of osteoarthritic tuberculosis] Diagnostika nachal'nykh form kostno-sustavnoy tuberkuloza [Leningrad] Meditsina, 1966. 179 p.
- Group of phylogenetically late support reflexes of the foot in mentally ill persons. V. A. Rudnev. Sbor. nauch. tr. Krasnoyarsk gos. med. no. 7 102-104 '63.
- Hormones and the problems of physiological and reparative regeneration of the bones, a review of Soviet and foreign literature. A. M. Belousov, F. A. Pankov. Ortop., travm. i protez. 28 no. 11-111-118 N '67.
- Improvements in methods of maxillary bone resection in malignant tumors. L. P. Balon. Vest. khir. 99 no. 8 73-78 Ag '67.
- Laryngopharyngeal disorders in cervical osteochondrosis. M. N. Chaikovskiy. Sov. med. 30 no. 12-104-108 D '67.
- Marfan's syndrome. N. N. Malinovsky and others. Sov. med. 30 no. 12 59-64 D '67.
- Method for determining strontium in human osseous tissue. M. M. Golutvina and others. Lab. delo no. 11-669-670 '67.
- Muscle lesions and deformities of the shoulder girdle and upper extremities in patients with sequelae of poliomyelitis. I. A. Aleksandrova. Ortop., travm. i protez. 28 no. 9-24-28 '67.
- Nail-bolts and methods for their use in setting fragments of the brachial and ulnar bones. S. S. Tkachenko. Vest. khir. 99 no. 8 123-126 Ag '67.
- Neuroheumatism. V. V. Mikhaylov. Zhur. nevro. i psikh. 67 no. 11-1631-1632 '67.
- Operation of forearm prosthesis with external sources of energy by voluntary contractions of the stump muscles, based on literature. T. I. Fisanovich. Ortop., travm. i protez. 28 no. 9-42-45 '67.
- Organophosphorus compounds 307 and 308 in compound treatment of experimental fractures. U. A. Bogdanovich, D. A. Veselovskiy, I. M. Spektor. Ortop., travm. i protez. 28 no. 9-45-48 '67.
- Osteoarthritis of upper synchondrosis of the sternum. A. I. Plakhov. Ortop., travm. i protez. 28 no. 11-98-101 N '67.
- Paralytic hip dislocations and their treatment. I. U. B. Ginzburg. Ortop., travm. i protez. 28 no. 9-20-24 '67.
- Paralytic scapula vara combined with posterior subluxation of the shoulder. P. I. A. Fishchenko. Ortop., travm. i protez. 28 no. 9-66-68 '67.
- Paraplegia in "posterior" spondylitis. E. N. Kalinovskaya. Ortop., travm. i protez. 28 no. 9-28-32 '67.
- Plate of osteosynthesis of fragments of long tubular bones. V. M. Dem'ianov. Ortop., travm. i protez. 28 no. 11-102-104 N '67.
- Posttraumatic elephantiasis of the lower extremities. S. Z. Gorskoy. Vest. khir. 99 no. 8 118-120 Ag '67.
- Prevention and treatment of bronchial fistulas in tuberculous spondylitis. D. G. Kovalenko. Vest. khir. 99 no. 9-33-38 '67.
- Problems of arthrology from the orthopedic viewpoint. F. R. Bogdanov. Ortop., travm. i protez. 28 no. 11-27-32 N '67.
- Problems of restorative therapy in injuries to and diseases of the locomotor apparatus at the 15th Congress of the Scientific and Medical Society of Orthopedists of the German Democratic Republic. A. F. Kaptein, Ortop., travm. i protez. 28 no. 9-82-94 '67.
- Restorative surgery in osteoarthritic tuberculosis. D. G. Kovalenko. Ortop., travm. i protez. 28 no. 11-88-90 N '67.
- Results of lavage myoplasty in fascial myositis of musculus deltoides. A. K. Pechenkin. Ortop., travm. i protez. 28 no. 9-68-70 '67.
- Role of occupational factors in the development of clinical manifestations of cervical osteochondrosis. A. I. A. Verinik. Sov. med. 30 no. 12 100-104 D '67.
- Role of physical factors in the treatment of psoriasis. A. I. A. Verinik. Sov. med. 30 no. 12 100-104 D '67.
- Role of Soviet neuropathologists in the development of semiology of sensory and motor (chronic). L. F. Kanareikin. Zhur. nevro. i psikh. 67 no. 11-176-177 '67.
- Rotation dysfunction of the lower extremity. A. P. I. H. A. Jansson. Ortop., travm. i protez. 28 no. 9-24-27 N '67.
- Sclerocystic chondroma. V. S. Sulgan. Azerb. med. zhur. 44 no. 11-61-64 N '67.
- Set of splints for immobilization in fractures of the femur. I. M. Bezukhov, I. U. V. Zolotarev, V. N. Khokhlov. Ortop., travm. i protez. 28 no. 11-109-109 N '67.
- Signs of Kernig and Brudzinski and rigidity of the neck of the occiput in man under normal conditions. A. I. P. S. Balkin. Sbor. nauch. tr. Krasnoyarsk gos. med. no. 7 384-385 '63.
- Some data on vascularization in transplanted tendons. N. P. Demichev. Vest. khir. 99 no. 8 90-91 Ag '67.
- Some notes concerning methods of applying casts in fractures of the femoral neck. I. L. Kuznetsov, V. N. Dem'ianov. Vest. khir. 99 no. 8 87-89 Ag '67.
- Spine surgery during 50 years. A. I. Kazhden. Ortop., travm. i protez. 28 no. 11-12-15 N '67.
- Splint with plane traction for treating femoral fractures. A. P. Chulikov. Ortop., travm. i protez. 28 no. 9-24-27 N '67.
- Spring pelotte for action on fragments in the treatment of fractures of shin and hip bones. V. D. Mikhaylov. Ortop., travm. i protez. 28 no. 11-109-109 N '67.
- Sultanov, A. A. [Compound treatment of diseases of the joints] Kompleksnoe lechenie bolnoy i nachalo i lektsii nospetsial'nykh (pollariz). Baku, Azerb. med. zhur. 44 no. 11-61-64 N '67.
- Surgery on bone tumors. V. D. Chulikov. Ortop., travm. i protez. 28 no. 11-49-50 N '67.
- Surgical treatment of fractures of the patella. B. I. Khudkevich. Vest. khir. 99 no. 11-109-109 N '67.
- Techniques of traction of the lumbar portion of the spine in diagnostic radiology. I. U. V. Zolotarev. Sov. med. 30 no. 12-100-110 D '67.
- Tendinomyoplasty of the digital flexors. B. V. Pankov. L. M. Blantsev, A. R. Khotin. Vest. khir. 99 no. 8 83-87 Ag '67.
- Topography of hematomas in transverse pelvic fractures. V. S. Treshchev. Vest. khir. 99 no. 11-109-109 N '67.
- Treatment of recurrent flexor tendon injuries of the fourth and fifth right hand fingers. A. A. Sultanov. Vest. khir. 99 no. 8 117-118 Ag '67.
- Unterharnscheidel's synovial vertebral syndrome. A. I. Ratner, R. Sh. Shalunov. Sov. med. 30 no. 12 1-4 D '67.
- Use of Bernard currents together with ultraviolet in the treatment of calcaneal spur. A. I. A. Verinik and others. Vop. khir. i fizioter. i lech. fiz. kul't. 32 no. 6-554-555 N-D '67.
- X-ray characterization in healing of a fracture of the femur under experimental conditions. I. A. Pechenkin, I. U. V. Zolotarev. Vest. khir. 99 no. 8 148-148 S-O '67.
- 616 7 (477)—Ukrainian S. S. R.
- Average duration of the treatment of fractures in special, regional and district hospitals of the Ukrainian S. S. R. N. A. Korop. Ortop., travm. i protez. 28 no. 9-62-65 '67.
- 616 8 NEUROLOGY, NEURO- AND PSYCHIATRIC PATHOLOGY
- Accuracy of the measurements in electroencephalography when using the "Ekho-11" encephalograph. A. A. Grechko, V. A. Ter-Simolian. Med. tekhn. i fiz. 43 no. 11-109-109 N '67.
- Arachnoidal accumulations in cerebral dura mater. A. I. Naumenko. Vop. nevrokhir. 31 no. 6-46-51 N-D '67.
- Balneophysiotherapy in inflammation of the cervical thoracic sympathetic trunk and radiculitis with a cardiac pain syndrome. E. I. Sorokina. Vop. khir. i fizioter. i lech. fiz. kul't. 32 no. 6 524-530 N '67.
- Basic trends in the development of cardioneurology. V. B. Bogolev. Zhur. nevro. i psikh. 67 no. 11 1622-1624 D '67.
- Blood coagulability in an ischemic stroke (cerebral infarct). T. L. Kurina. Sov. med. 30 no. 12 12-17 D '67.
- Causes of failures in the surgical treatment of intracerebral meningiomas. I. V. Fisek, Zdenek Kuznetsov. Vop. nevrokhir. 31 no. 6-34-37 N-D '67.
- Cerebral angiography in hemorrhagic stroke of the tonic etiology. B. M. Nikiforov, F. S. Topilitskiy. Sov. med. 30 no. 12 9-12 D '67.

- Cerebral atherosclerosis with mental disorders. V. M. Banskikhov. Zhur. nevr. i psikh. 67 no. 11 1713-1716 '67.
- Changes in lipid metabolism in man following prolonged effect of industrial noises on the central nervous system. P. S. Khomula, L. P. Rodionova, A. P. Rusinova. Radiologiya 7 no. 7 35-38 J1 '67.
- Changes in the phase structure of the systole of the left ventricle under the effect of pituitary in normal and duced animals. M. V. Il'chukovich. Fiziol. zhur. [Ukr.] 13 no. 6 760-767 N-D '67.
- Clinical aspects of neurological disorders in poisoning with methyl alcohol. B. I. Beizerma, T. M. Feiber. Sbor. nauch. trud. Krasnol. gos. med. no. 7 104-106 '63.
- Clinical characteristics of lesions of the nervous system in influenza based on clinical data of the period 1961-1962. K. V. Arbutnov. Sbor. nauch. trud. Krasnol. gos. med. no. 7 378-381 '63.
- Concepts of nervous and their role in the development of Soviet dermatology. P. V. Kozhevnikov. Vest. dermat. ven. 41 no. 7 3-10 J1 '67.
- Conditioned vascular reflexes and the state of the second signal system in neuromatosis. L. D. Nifant'eva. Sbor. nauch. trud. Krasnol. gos. med. no. 7 42-44 '63.
- Content of antiepileptolytic-O in children with chorea. Zh. Zh. Rapoport. Sbor. nauch. trud. Krasnol. gos. med. no. 7 320-323 '63.
- Current state of surgery of the peripheral and vegetative nervous system and the role of Soviet scientists in its development. K. A. Gurovich. Vop. neirokhir. 31 no. 6 6-11 N-D '67.
- Current state of surgery on traumatic lesions of the spine and spinal cord and the role of Soviet neurosurgeons in its development. F. I. Babichenko. Vop. neirokhir. 31 no. 6 11-15 N-D '67.
- Development of meningeal syndrome in a period of hematological remission of acute leukemia in children. I. A. Makhonova, V. A. Aitkenov. Probl. gemat. i perel. krov. 12 no. 8 50-52 Ag '67.
- Development of pediatric neuropathology in the U.S.S.R. M. B. Tsibul'skiy. Zhur. nevr. i psikh. 67 no. 11 1650-1652 '67.
- Development of Soviet clinical electroencephalography. Y. E. Matrochik. Zhur. nevr. i psikh. 67 no. 11 1601-1604 '67.
- Development of Soviet neurological semiology. G. P. Guba. Zhur. nevr. i psikh. 67 no. 11 1610-1612 '67.
- Development of stereotopic neurosurgery in the Soviet Union. L. I. Kandel'. Vop. neirokhir. 31 no. 6 15-20 N-D '67.
- Diagnostic and prognostic possibilities of the encephalographic method in toxemias of the early stages of pregnancy. G. K. Nepesanova. Akush. gign. 13 no. 8 39 Ag '67.
- Digital flexor reflexes in diagnosing disorders of the nervous system. B. S. Agte, N. F. Zemlanina. Sov. med. 30 no. 12 94-97 D '67.
- Disorders in function and structure of the nervous system in experimental tetanus. D. I. Smeshinov. Eksp. khir. i anest. 12 no. 6 19-21 N-D '67.
- Dynamics of the higher nervous activity in bronchial asthma. A. T. Pashonik, G. A. Brushnevskaia. Sbor. nauch. trud. Krasnol. gos. med. no. 7 33-37 '63.
- Dynamics of the higher nervous activity in brucellosis during specific therapy. L. A. Mal'kova. Sbor. nauch. trud. Krasnol. gos. med. no. 7 347-350 '63.
- Dynamics of the psychopathological picture of endothelomas of the olfactory fossa following surgery: based on data of catamnesis. V. S. Alekseeva, T. A. Dobokhotova. Vop. neirokhir. 31 no. 6 37-40 N-D '67.
- Dynamics of vascular and respiratory reactions and labile globulins in man during changed correlations of cortical processes. G. F. Rud'. Sbor. nauch. trud. Krasnol. gos. med. no. 7 28-30 '63.
- Effect of artificial pulmonary hyperventilation on the bioelectric activity of the brain under conditions of general anesthesia. S. I. Gol'man. Vest. khir. 90 no. 11 111-115 N '67.
- Effect of thyroid hypofunction and hyperthyroidism on the content of catecholamines in the brain. N. M. Nahnybida. Fiziol. zhur. [Ukr.] 13 no. 6 830-833 N-D '67.
- Electric catatonias. L. I. Kiseleva. Sbor. nauch. trud. Krasnol. gos. med. no. 7 421-426 '63.
- Electrophysiological characteristics of the functional state of the central and peripheral nervous system in bronchial studies. L. T. S. Ioffe and others. Trudy Kazakh. inst. khir. i eksp. khir. AMN SSSR 12:73-77 '66.
- Electrophysiological detection of cardiac afferent fibers in posterior spinal roots. V. P. Mel'nichenko. Kardiologiya 7 no. 7 137-141 J1 '67.
- Enzymes and electrolytes of the arterial wall in ischemic cerebral hypertension. I. U. P. Postnov, V. V. Suchkov. Kardiologiya 7 no. 12:3-8 D '67.
- Etiology of myoplegia (paroxysmal paralysis). R. K. Irkko, A. I. Presniakova. Sbor. nauch. trud. Krasnol. gos. med. no. 7 430-432 '63.
- Experience in treating chronic alcoholism with antabuse. Z. G. Ginzmanov. Sbor. nauch. trud. Krasnol. gos. med. no. 7 400-412 '63.
- Extraction and treatment of teeth in trigeminal neuralgia. V. A. Smirnov, M. V. Rumiantseva-Russkikh, N. S. Solov'yanov. Sov. med. 30 no. 12 112-114 D '67.
- Forensic psychiatry. G. V. Morozov. Zhur. nevr. i psikh. 67 no. 11 1683-1686 '67.
- Frequency and nature of disorders of the menstrual function in patients with acute craniocerebral trauma. L. E. Rotkina. Trudy Novokuz. GIDUVA no. 33 344-351 '66.
- Ganglionic properties of anabasine derivatives. M. N. Polukhov. Sbor. nauch. trud. Krasnol. gos. med. no. 7 79-82 '63.
- General psychopathology. V. M. Moizov. Zhur. nevr. i psikh. 67 no. 11 1694-1696 '67.
- Geriatric psychiatry. E. I. A. Sternberg. Zhur. nevr. i psikh. 67 no. 11 1733-1739 '67.
- Group of phylogenetically late support reflexes of the foot in mentally ill persons. V. A. Rudnev. Sbor. nauch. trud. Krasnol. gos. med. no. 7 402-404 '63.
- Half a century of Soviet psychiatry and neuropathology. A. V. Snezhnevskii. Vest. AMN SSSR 22 no. 11 79-87 '67.
- Hemodynamic characteristics and correlation with cerebral blood circulation in meningiomas of supratentorial localization. I. U. A. Zozulia. Vop. neirokhir. 31 no. 6 40-46 N-D '67.
- Histopathological changes in the central nervous system in experimental burns. S. I. Ikin. Eksp. khir. i anest. 12 no. 6 21-25 N-D '67.
- Hydrophobia symptom in tick-borne encephalitis. R. K. Irkko. Sbor. nauch. trud. Krasnol. gos. med. no. 7 428-430 '63.
- I. P. Pavlov's doctrine and Soviet psychiatry. N. N. Tinsgott. Zhur. nevr. i psikh. 67 no. 11 1689-1693 '67.
- Infectious psychoses. A. S. Chistovich. Zhur. nevr. i psikh. 67 no. 11 1697-1706 '67.
- Inflammatory diseases of the spinal cord (epiduritis, arachnoiditis). D. T. Kulmor. Zhur. nevr. i psikh. 67 no. 11 1632-1634 '67.
- Information on the 3d European Congress of Neurosurgery. L. I. Kandel'. Vop. neirokhir. 31 no. 6 53-55 N-D '67.
- Laryngopharyngeal disorders in cervical osteochondrosis. M. N. Chalkovskii. Sov. med. 30 no. 12 104-108 D '67.
- Lerman, V. I. [Disorders of cerebral blood circulation in intracranial tumors] Naushenita mozgovogo kirovashchevilia pri vnutricherepnykh opakholakh. Minsk, "Belarus", 1967 118 p. (DNLM)
- Major psychosomatic correlations in modern interpretation. T. A. Nevezova, L. G. Urosova. Sov. med. 30 no. 12 17-21 D '67.
- Manic-depressive psychosis. I. A. Polishchuk. Zhur. nevr. i psikh. 67 no. 11 1728-1733 '67.
- Materials for the characteristics of the functional state of the vegetative nervous system in bronchial asthma. L. I. Evnina, E. I. Ivashkevich, V. S. Seigievskii. Trudy Kazakh. inst. khir. i eksp. khir. AMN SSSR 12 113-115 '66.
- Measles in children with tuberculous meningitis. T. G. Dyaslovich. Sbor. nauch. trud. Krasnol. gos. med. no. 7 329-330 '63.
- Mechanism of the effect of aminarins on the central nervous system in dogs. A. T. Pashonik, A. A. Gubanov. Sbor. nauch. trud. Krasnol. gos. med. no. 7 31-33 '63.
- Menstrual function in patients with cerebral tumors. L. E. Rotkina. Trudy Novokuz. GIDUVA no. 33 240-244 '66.
- Menstrual function in patients with posttraumatic diseases of the brain. L. E. Rotkina. Trudy Novokuz. GIDUVA no. 33 352-358 '66.
- Methodology of experimental proportioned closed-injury of the brain. S. G. Akhmedov, I. A. M. Ibragimov, A. N. Shamkhorski. Azerb. med. zhur. 44 no. 9 33-36 S '67.
- Methodology of the study of the cerebral blood circulation in persons with cranial defects. K. V. Arbutnov. Sbor. nauch. trud. Krasnol. gos. med. no. 7 395-397 '63.
- Mikhail Iul'evich Rapoport: an obituary. Vop. neirokhir. 31 no. 6 57-58 N-D '67.
- Military psychiatry and cerebral injuries. N. N. Timofeev. Zhur. nevr. i psikh. 67 no. 11 1680-1683 '67.
- Modern methods in treating spastic cerebral palsy: developments in Soviet orthopedics over the last 50 years. E. P. Mezhenina. Ortop. i travm. i protez. 28 no. 0-3-9 S '67.
- Multiple sclerosis and other demyelinating diseases of the nervous system. D. A. Markov. Zhur. nevr. i psikh. 67 no. 11 1629-1631 '67.
- Naum Borisovich Chubukmakher: an obituary. Vop. neirokhir. 31 no. 6 58 N-D '67.
- Neuroendocrine disorders in workers of the nylon industry, exposed to prolonged action of small concentrations of caprolactam and DOWHERM. A. A. Bashirov, E. P. Krasnik. Azerb. med. zhur. 44 no. 8 76-80 Ag '67.
- Neuroinfection. L. M. Shenderovich. Sbor. nauch. trud. Krasnol. gos. med. no. 7 407-408 '63.
- Neurological aspects of the theory on cerebral tumors. L. B. Litvak. Zhur. nevr. i psikh. 67 no. 11 1636-1640 '67.
- Neurology and genetics. E. F. Davidenkova. Zhur. nevr. i psikh. 67 no. 11 1612-1615 '67.
- Neurology of nonspecific cerebral structures. A. M. Volin. Zhur. nevr. i psikh. 67 no. 11 1648-1650 '67.
- Neurorheumatism. V. V. Mikheev. Zhur. nevr. i psikh. 67 no. 11 1631-1632 '67.
- Neuroses. D. S. Ozeretskovskii. Zhur. nevr. i psikh. 67 no. 11 1716-1717 '67.
- Organic psychoses (progressive paralysis, encephalitis, cerebral tumors). L. L. Rokhlin. Zhur. nevr. i psikh. 67 no. 11 1706-1710 '67.
- Organization of psychiatric aid. Z. N. Serebriakova. Zhur. nevr. i psikh. 67 no. 11 1662-1668 '67.
- Orientation reflexes and unconditioned vascular reactions in neuromatosis. I. D. Nifant'eva. Sbor. nauch. trud. Krasnol. gos. med. no. 7 39-41 '63.
- Paralytic scapula vera combined with posterior subluxation of the shoulder. P. I. A. Fychenko. Ortop. i travm. i protez. 28 no. 9 56-68 S '67.
- Paraplegia in "posterior" spondylitis. L. N. Kallinovskaya. Ortop. i travm. i protez. 28 no. 9 28-32 S '67.
- Pathology of blood circulation in the spinal cord. D. K. Bogorodinski. Zhur. nevr. i psikh. 67 no. 11 1619 '67.
- Pathomorphology of the innervation of the mucous membrane of the sphenoid sinuses. A. I. Safarov. Azerb. med. zhur. 44 no. 11 23-27 N '67.
- Pediatric form of the pseudobulbar paralysis. L. M. Shenderovich, F. V. Kalashnikov. Sbor. nauch. trud. Krasnol. gos. med. no. 7 393-395 '63.
- Principles of diagnosis and of the treatment of extrapyramidal disorders and epilepsy by means of deeply implanted long-lasting electrodes. V. M. Ugumov and others. Vop. neirokhir. 31 no. 6 20-26 N-D '67.
- Problem of epilepsy. P. M. Saradzhishvili. Zhur. nevr. i psikh. 67 no. 11 1640-1644 '67.
- Problem of neuroinfection in Soviet neurology. A. G. Panov. Zhur. nevr. i psikh. 67 no. 11 1624-1629 '67.
- Problems of cerebral vascular pathology in the research of Soviet neuropathologists. E. V. Samidi, G. A. Maksudov. Zhur. nevr. i psikh. 67 no. 11 1615-1618 '67.
- Problems of clinical neurophysiology. N. P. Bekhtereva. Zhur. nevr. i psikh. 67 no. 11 1598-1600 '67.
- Problems of diencephalic pathology. D. G. Shefer. Zhur. nevr. i psikh. 67 no. 11 1646-1648 '67.
- [Problems of systematization in schizophrenia and of clinical aspects, pathogenesis and treatment of craniocerebral traumas. (Materials to be discussed at the joint plenum of the boards of the All-Union, All-Russian and Leningrad Scientific Medical Societies of Neuropathologists and Psychiatrists in Leningrad, December 17, 1967)] Voprosy sistematizatsii shizofrenii i kliniki, patogeneza i lechenia cherepno-mozgovykh travm. (Materialy k obshchdeniu na ob"edin. plenumu piavl. Vsesoluz. Vsesoi. i Leningr. nauch. med. o-v. v neuropatologii i psikiatrii, g. Leningrad, 17 dek. 1967 g.) Otv. red. V. M. Banskikhov. Moskva, 1967. 174 p.
- Psychogenias. N. V. Kantorovich. Zhur. nevr. i psikh. 67 no. 11 1720-1722 '67.
- Psychopathias. D. S. Ozeretskovskii. Zhur. nevr. i psikh. 67 no. 11 1717-1719 '67.
- Puerperal psychoses. T. A. Chebotareva. Trudy Novokuz. GIDUVA no. 33:160-162 '66.
- Role of neurological examination in disorders of fat metabolism, critical remarks. L. S. Soskin. Sov. med. 30 no. 12 110-123 D '67.
- Role of occupational factors in the development and clinical manifestation of cervical osteochondrosis. A. A. Verin. Sov. med. 30 no. 12 100-104 D '67.
- Role of Soviet neuropathologists in the development of somatics of sensory and motor disorders. K. F. Kanareikin. Zhur. nevr. i psikh. 67 no. 11 1607-1610 '67.
- Role of the Neurosurgical Council and All-Union Neurosurgical Society in the organization and development of neurosurgery in the U.S.S.R. G. P. Korniaev. Vop. neirokhir. 31 no. 6 1-6 N-D '67.
- Role of the venous factor in the pathology of the nervous system. A. I. Zlatoborov. Zhur. nevr. i psikh. 67 no. 11 1626-1631 '67.
- Sandtorium for patients with marginal diseases. A. G. Galach'ian. Zhur. nevr. i psikh. 67 no. 11 1672-1675 '67.
- Schizophrenia. R. A. Nadzharov. Zhur. nevr. i psikh. 67 no. 11 1722-1728 '67.
- Scientific research in pediatric psychiatry. V. V. Kovalev. Zhur. nevr. i psikh. 67 no. 11 1675-1679 '67.
- Significance of lability of the central nervous system in the ascending series. F. V. Lychagina. Sbor. nauch. trud. Krasnol. gos. med. no. 7 37-39 '63.
- Signs of Kernig and Brudzinski and rigidity of the muscles of the occiput in man under normal conditions and their significance in the clinical aspects of nervous diseases. P. S. Babkin. Sbor. nauch. trud. Krasnol. gos. med. no. 7 384-385 '63.
- Single-insult pseudobulbar paralyses. L. M. Shenderovich. Sbor. nauch. trud. Krasnol. gos. med. no. 7 362-483 '63.
- Social and professional placement of mental patients; social readaptation and rehabilitation. D. E. Melnikov. Zhur. nevr. i psikh. 67 no. 11 1668-1671 '67.
- Some aspects of the science on brain and its significance for neuropathology and psychiatry. S. A. Sarkisov, L. A. Kulev, N. S. Preobrazhenskaya. Zhur. nevr. i psikh. 67 no. 11 1593-1598 '67.
- Some functional changes in the neuroreceptor apparatus of the pleural cavity in surgical pneumothorax, experimental data. E. M. Valentinovich. Sbor. nauch. trud. Krasnol. gos. med. no. 7 194-197 '63.
- Some progressing diseases of the nervous system. O. A. Khondkarian. Zhur. nevr. i psikh. 67 no. 11 1634-1636 '67.

- Disorders in function and structure of the nervous system in experimental tularia. D I Smeshol. Eksp. Med. 12 no 6 19-21 N-D '67.
- In vitro medium for the determination of the toxicity of diphtheria bacilli. G I Ruzal', G P. Gritsenko, A G Khamatulin. Lab. delo no. 11 698-699 '67.
- Dynamics of the higher nervous activity in brucellosis during specific therapy. F A Malkova. Shor. nauch. tr. Krasnoyarsk gos. med. no. 7 347-350 '63.
- Effect of preliminary X-ray irradiation on the course of lymphocytic choriomeningitis in BALB/C mice. N I. Mikhudova. Vop. virus. 12 no 6 721-729 N-D '67.
- Gamma globulin absorption by Rous sarcoma cells in vivo and in vitro. O K. Kuznetsov, A. M. Diadykova. Tsitologi. 9 no 11 1424-1427 N '67.
- Helminthiasis and their control. Part 1: Distribution, epidemiology and control of helminthiasis. V. P. Pod'apol'skaya and others. Med. paraz. i paraz. bol. 36 no 6 663-676 N-D '67.
- Helminthiasis and their control. Part 2: Pathogenesis, clinical aspects and treatment of helminthiasis. Immunology. Physiology of helminths and experimental chemotherapy. Biochemistry of helminths. N N Plotnikov and others. Med. paraz. i paraz. bol. 36 no 6 677-684 N-D '67.
- Hydrophobia symptom in tick-borne encephalitis. R. K. Iltis. Shor. nauch. tr. Krasnoyarsk gos. med. no. 7 128-130 '63.
- Immunological changes in dysentery patients discharging bacilli. A. I. Asel'derova. Azerb. med. zhur. 44 no 6 61-65 S '67.
- Immunological diagnosis of animal and human echinococcosis. R. S. Shul'ts. Trudy VIGIS. 12:195-205 '66.
- Immunology of tumors in guinea pigs induced by Rous sarcoma virus. P. I. Leikina. Vop. virus. 12 no 6 716-720 N-D '67.
- Improving the preparation of agar-aluminum vaccines against paratyphoid fever in calves and young pigs. G. V. Zhukov, I. U. Kravtch. Trudy Sverd. sel'khoz. inst. 14 206-210 '65.
- Infectious psychoses. A. S. Chistovich. Zhur. nerv. i psikh. 67 no 11 1697-1709 '67.
- Inhibitors and antibodies in the process of experimental influenza infection. Z. I. Rovnova, P. N. Koslov. Vop. virus. 12 no 6 697-702 N-D '67.
- International symposium, dedicated to problems of smallpox prevention. R. B. Dzhanov. Azerb. med. zhur. 44 no 9 80-82 S '67.
- Malaria situation in the countries of the world in connection with introduction of malaria into the U.S.S.R. A. I. Lyzenko, I. N. Senashko, K. S. Tonareva. Med. paraz. i paraz. bol. 36 no 6 737-744 N-D '67.
- Measles in children with tuberculous meningitis. F. G. Evstov. Shor. nauch. tr. Krasnoyarsk gos. med. no. 7 329-330 '63.
- Mechanism of antimetabolic action of monomycin. L. M. Gordeeva. Med. paraz. i paraz. bol. 36 no 6 705-712 N-D '67.
- Methodology of the isolation of the pseudotuberculosis bacillus. G. D. Selez, A. K. Vishniakov, V. A. Znamenskii. Lab. delo no. 11:694-698 '67.
- Quarantine malaria on the territory of the U.S.S.R. in the period 1959-1966. V. K. Spudis, K. K. Vostokova. Med. paraz. i paraz. bol. 36 no 6 733-736 N-D '67.
- Results of scientific and practical work in public health service in control of infectious diseases in the U.S.S.R. P. G. Sergiev. Vest. AMN SSSR. 22 no 11 98-103 '67.
- Scientists and practical workers participating in the control of helminthiasis and other parasitic diseases in the U.S.S.R. Med. paraz. i paraz. bol. 36 no 6 701-704 N-D '67.
- Significance of the bacterial flora in the reconstruction of experimental amebiasis. M. A. Sarkisyan. Med. paraz. i paraz. bol. 36 no 6 715-721 N-D '67.
- Some results of the study of natural foci of diseases. P. A. Petrisheva. Med. paraz. i paraz. bol. 36 no 6 681-691 N-D '67.
- Specific prophylaxis of paratyphoid fever for silver and arctic foci. V. G. Sudakov. Trudy Sverd. sel'khoz. inst. 14 221-222 '65.
- Study of the preservation of tick-borne encephalitis virus in some species of experimentally infected mosquitoes of the Central Urals focus. Preliminary report. A. N. Alekseev, Z. N. Kondrashova. Med. paraz. i paraz. bol. 36 no 6 722-726 N-D '67.
- Studying paratyphoid bacterial carrier state in animals. G. V. Zhukov, E. N. Zhukova, T. M. Mitrova. Trudy Sverd. sel'khoz. inst. 14 207-208 '65.
- Studying paratyphoid bacterial carrier state in rabbits. I. A. Chindaskin. Trudy Sverd. sel'khoz. inst. 14 215 '65.
- Susceptibility of oribatid mites to oncospheres of *Monilezia expansa* and *M. benedicti* and the role of individual mite species in monileziasis opticozoology. M. I. Kuznetsov. Trudy VIGIS. 12:97-105 '66.
- Test of specificity and sensitivity of Sonne and Flexner's erythrocytic diagnostics in dysentery. I. U. L. Subbotina and others. Lab. delo no. 11 680-683 '67.
- Treatment of brucellosis accompanied by other diseases based on clinical data. V. A. Seredkina. Shor. nauch. tr. Krasnoyarsk gos. med. no. 7 344-347 '63.
- Treatment of staphylococcal diseases in children with monomycin, neomycin, erythromycin and clostrin. I. I. Balashova, V. I. Khomikova. Antibiotiki. 12 no 9 849-852 S '67.
- Use of stained antigen for determining the parasitic bacterial carrier state in ducks. I. A. Chindaskin. Trudy Sverd. sel'khoz. inst. 14 216 '65.
- Using liquid bactericidal soap for control of coccidia in maternity homes. I. I. Khomikova. Trudy Sverd. sel'khoz. inst. 43 no 9 77-78 S '67.
- 616 9(471 310)—Moscow City
Microbial picture of pathogens of intestinal infection in Moscow during 1961-1965. S. N. Bogdanov. Lab. delo no 8 509-510 '67.
- 616 9(471 32)—Central Black Earth Region
Frequency of detecting *Cryptosporidium parvum* in the provinces of the R.S.F.S.R. A. S. Mikhlin. Med. paraz. i paraz. bol. 36 no 6 740-741 N-D '67.
- 616 9(471 45)—Volgograd Province
Work of helminthological expeditions in the provinces of the R.S.F.S.R. I. I. Pod'apol'skaya and others. Med. paraz. i paraz. bol. 36 no 6 677-684 N-D '67.
- 616 9(470 24)—Azerbaijan S.S.R.
Sensitivity of strains of dysentery pathogens isolated in 1964-1965 in Baku, to antibiotics. S. N. Bogdanov. Med. zhur. 44 no 11 46-52 N '67.
- 616 9(571 51)—Krasnoyarsk Territory
Brucellar psychosis in Krasnoyarsk Territory. I. I. Kiseleva. Shor. nauch. tr. Krasnoyarsk gos. med. no. 7 412-414 '63.
- Case of Q fever in Krasnoyarsk. A. I. Kiseleva. Shor. nauch. tr. Krasnoyarsk gos. med. no. 7 415-416 '63.
- Some results of clinical and epidemiological studies for brucellosis in Mordovia State farm of Skoye District. I. U. V. Shavinskii, V. A. Kiseleva, A. I. Kiseleva. Shor. nauch. tr. Krasnoyarsk gos. med. no. 7 411-417 '63.
- 616 9(571 63)—Maritime Territory
Japanese encephalitis of the Maritime Territory. I. U. V. Dandurov. Vop. virus. 12 no 6 711-713 '67.
- 616 9(574)—Kazakh S.S.R.
Republiscan seminar on the prevention of infectious diseases from abroad for epidemiologists and parasitologists sections of maritime epidemiological stations of the Kazakh S.S.R. N. A. Khokhlov. Med. paraz. i paraz. bol. 36 no 6 741-742 N-D '67.
- 616 97 VENEREAL DISEASES
Clinical and laboratory examinations in patients with syphilis. A. A. Akovskan, A. K. Akovskan. Trudy Sverd. sel'khoz. inst. 14 230-231 '65.
- Methods of provocation in chronic gonorrhea. A. M. Mazhbits. Trudy Novokuznetsk. GIDRIA. 12:187-188 '66.
- Role of protein fractions of the blood serum in the test in syphilis. I. D. Antovskii. Vest. ven. 11 no 7 67-70 JI '67.
- 616 98 SPECIFIC INFECTIONS
Bacterial enzymes in treatment of purulent infections. A. V. Grigorov and others. Sov. med. 10 no 4 145 D '67.
- Immunization characteristics of dry live bacillus vaccine from strain No. 12. N. P. Voznesenskiy. Trudy Sverd. sel'khoz. inst. 14 230 '65.
- Isolating the strain of paratyphoid cultures from patients with acute paratyphoid. I. A. Chindaskin. Trudy Sverd. sel'khoz. inst. 14 210-220 '65.
- Prevention of postinfection complications. A. A. Kiseleva. Shor. nauch. tr. Krasnoyarsk gos. med. no. 7 348-349 '63.
- Sensitivity of staphylococci isolated from patients with mastitis to antibiotics. V. I. Portnagin. Trudy Sverd. sel'khoz. inst. 14 226 '65.
- Studying the transmission of salmonellosis by means of duck eggs. I. A. Chindaskin. Trudy Sverd. sel'khoz. inst. 14 227-228 '65.
- 616 988 VIRUS INFECTIONS
Boarding schools are the basic link in the transmission of education of children with sequelae of poliomyelitis. T. A. Revenko, V. S. Kharchenko, S. S. Kharchenko. Ortop. i travm. i prot. 28 no 9 54-55 S '67.
- Cutaneous capillary resistance in children with poliomyelitis. A. I. Abbasov. Azerb. med. zhur. 44 no 11 49-51 S '67.
- Experience in surgical treatment of patients with sequelae of poliomyelitis. N. A. Rychenko. Ortop. i travm. i prot. 28 no 9 55-57 S '67.
- Muscle lesions and deformities of the shoulder girdle and upper extremities in patients with sequelae of poliomyelitis. I. A. Aleksandrova. Ortop. i travm. i prot. 28 no 9 54-55 S '67.
- Virus of Rous' sarcoma isolated from a tumor in a mouse following introduction of 0,10-dimethyl-1,2,3-triazole. A. M. Diadykova, O. K. Kuznetsov. Vop. virus. 13 no 10 111-115 '67.

- Aleksandr Ivanovich Sivitskiy, on his 80th birthday Khirurgia 43 no. 8:1-1 Ag '67.
- Anatomical substantiation for surgical approach to the intrapleural ducts of the right lobe. E. S. Futorian, B. M. Shubin. Vest khir. 99 no. 8:35-38 Ag '67.
- Anesthesia with the use of gamma hydroxybutyric acid in surgery on the heart. S. M. Zolotarev, I. U. Stepanov, A. A. Trekhova. Vest khir. 99 no. 11:108-110 N '67.
- Anna Andreevna Rusanova, on her 80th birthday. A. V. Shabanov. Vest khir. 99 no. 8:139-40 Ag '67.
- Auxiliary perfusion in compound surgical treatment of embolism of the pulmonary artery. N. A. Supur, S. A. Mshagishvili. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12:34-36 '66.
- Bacteremia in surgical diseases. N. V. Shubchen. Shor. nauch. trud. Krasnoyarsk. gos. med. no. 7:188-191 '63.
- Basic principles of oxygen therapy in compound operative preparation of patients with mitral stenosis. F. G. Uglev, A. I. Stenjukova. Kardiologiya 7 no. 7:80-84 '67.
- Inactive, bipolar electrodes of a new design. A. I. Brodskiy. Vop. onk. 13 no. 12:75-78 '67.
- Bocharov, A. A.** [Lesions of the abdomen]. Povzheniya zhivota Moskva, "Meditsina," 1967 164 p. (B-kh. prakt. vracha)
- Boers Il'ich Yul's, on his 70th birthday. Vest khir. 99 no. 8:110 Ag '67.
- Boris Samoilovich Kutsenok, on his 70th birthday. A. S. Mamolot. Ortop., travm. i protez. 28 no. 9:83-5 '67.
- Bronchoscopic observation of the healing of the bronchial stump sutured by the method of "valvoplasty." V. A. Ivanov. Vest khir. 99 no. 11:50-57 N '67.
- Case of extensive resection of the intestines in a patient having had resection of the stomach. D. O. Aika. Shor. nauch. trud. Krasnoyarsk. gos. med. no. 7:412-441 '63.
- Case of lethal fibrinolysis following surgery on the lung. V. M. Panchenko, V. I. Manevich. Vest khir. 99 no. 11:137-140 N '67.
- Case of removal of a foreign body in the pharynx implanted in a corpus vertebrae. V. T. Pavlov. Shor. nauch. trud. Krasnoyarsk. gos. med. no. 7:411-115 '63.
- Case of surgical treatment of epispadias with omphalia. N. I. Zaphirov. Shor. nauch. trud. Krasnoyarsk. gos. med. no. 7:134-136 '63.
- Causes of death following radical surgery for cancer of the cardia. V. A. Ivanov, T. V. Kotlikova. Khirurgia 43 no. 8:107-112 Ag '67.
- Causes of failures in the surgical treatment of supratentorial meningiomas. Iva Tusek, Zdenek Kunz. Vop. neirokhir. 11 no. 6:34-37 N-D '67.
- Changes in the electrocardiogram and disorders of potassium metabolism in surgical interventions on the stomach. A. A. Krokhaev, B. M. Drulianov, I. M. Glushina. Kardiologiya 7 no. 12:97-102 D '67.
- Changes in the mucous membrane of the stomach following thyroidectomy. S. M. Lipovskiy, N. M. Zhukova. Arkh. anat., gist. i embri. 53 no. 12:40-51 D '67.
- Clinical and laboratory study of kanamycin in surgical patients. E. F. Sakcen and others. Antibiotiki 12 no. 8:842-845 S '67.
- Closure of vesicovaginal fistula by means of Spasokukotskiy's method. A. V. Golubchanskaya. Vest khir. 99 no. 11:132-133 N '67.
- Colposcopy of the cervix uteri during a prolonged period of time following diathermic surgery. T. M. Klenitskaya. Akush. i gign. 43 no. 9:32-35 S '67.
- Combined resections of the stomach. N. A. Tcikov. Vest khir. 99 no. 9:59-60 S '67.
- Complications during surgery in younger children. S. L. Izhov, V. I. Russhik. Vest khir. 99 no. 8:95-99 Ag '67.
- Condition of the bronchial tree in reactivation of tuberculosis following pulmonary resection. L. K. Bogush, V. P. Filippov, I. A. Zharakhovich. Sov. med. 30 no. 12:3-9 D '67.
- Controversial problems of the surgical treatment of occlusive diseases of the veins of the lower extremities. D. G. Mamantavishvili. Vest khir. 99 no. 9:93-98 S '67.
- Current problems of surgery on tumors of pelvic bones. A. A. Korzh. Ortop., travm. i protez. 28 no. 11:50-57 N '67.
- Current state of surgery of the peripheral and vegetative nervous system and the role of Soviet scientists in its development. K. A. Grigorovich. Vop. neirokhir. 31 no. 6:6-11 N-D '67.
- Current state of surgery on traumatic lesions of the spine and spinal cord and the role of Soviet neurosurgeons in its development. E. I. Babichenko. Vop. neirokhir. 31 no. 6:11-15 N-D '67.
- Development of metabolic acidosis in surgery on the heart. G. G. Gel'shteyn, R. A. Melitina, S. O. Apsit. Kardiologiya 7 no. 7:103-108 '67.
- Development of stereotactic neurosurgery in the Soviet Union. E. I. Kandel'. Vop. neirokhir. 31 no. 6:15-20 N-D '67.
- Development of the organizational fundamentals of surgical aid for the wounded in Soviet Army during 50 years. A. S. Georgievskiy. Vest khir. 99 no. 9:3-11 S '67.
- Diagnosis and surgical treatment of benign tumors and cysts of the mediastinum. S. I. Kal'nitskiy. Vest khir. 99 no. 8:30-40 Ag '67.
- Diagnosis and surgical treatment of postoperative syndromes following gastric resections. V. S. Malet and others. Sov. med. 30 no. 12:29-36 D '67.
- Duct cardiac massage in dexal thoracotomy. A. N. Legchenko. Vest khir. 99 no. 11:106-108 N '67.
- Dynamics of the psychopathological picture of endothelomas of the olfactory fossa following surgery, based on data of catamnesis. V. A. Alekseeva, P. A. Dobrokhotova. Vop. neirokhir. 31 no. 6:37-40 N-D '67.
- Errors in apparatus therapy due to underestimation of biomechanical data. O. V. Nedrygalova, I. A. Durdnik, N. V. Sedukhanko. Ortop., travm. i protez. 28 no. 9:14-19 S '67.
- Expediency of widening the limits of surgical intervention in cancer of the breast. A. P. Barchenova. Khirurgia 43 no. 8:66-70 Ag '67.
- Experience in surgical treatment of patients with residual effects of poliomyelitis. N. A. Bychenko. Ortop., travm. i protez. 28 no. 9:9-13 S '67.
- Experience in surgical treatment of suppurative diseases of the lungs and pleura. A. N. Syzganov, G. K. Tkachenko. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12:116-119 '66.
- Experimental substantiations of the use of the "TSaki in" glue in pulmonary surgery. V. R. Belkin and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12:56-62 '66.
- Experimental surgical treatment of myocardial infarction. L. M. Kapitsa, V. G. Chistiakova. Kardiologiya 7 no. 7:45-50 '67.
- Experimental suture joining skin with mucous membrane of the bile duct and gallbladder. A. S. Lezhava. Arkh. anat., gist. i embri. 53 no. 12:33-37 D '67.
- Experimental two-stage resection of the liver. I. Z. Kozlov and others. Eksp. khir. i anest. 12 no. 5:34-38 S-O '67.
- Experimentation of the capacity for work and of job placement of patients following radical surgery for lung cancer. Preliminary report. V. V. Rychenko. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12:202-206 '66.
- Extraperitoneal approach to the main stem of the superior mesenteric artery in dogs. N. T. Toulze. Eksp. khir. i anest. 12 no. 6:37-38 N-D '67.
- 50 years of Soviet surgery. A. A. Vishnevskiy. Eksp. khir. i anest. 12 no. 5:3-12 S-O '67.
- 50 years of Soviet surgery. A. A. Vishnevskiy. Vest. AMN SSSR 22 no. 11:60-68 '67.
- First experience in the clinical use of the "TSaki in" glue in lung surgery. M. I. Perep'man, G. I. Lukomskiy, V. R. Belkin. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12:206-206 '66.
- Functional and ophthalmological studies in surgical diseases of the lungs. I. S. Ioffe. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12:7-12 '66.
- Ginzburg, V. Z. [In the name of life]. V im'ia zhytla. Uzbhorod. "Karpaly," 1966. 75 p. (Liudy zemli Karpats'koi)
- Immediate results of surgical treatment of primary cancer of the lungs. B. A. Kozolev, M. F. Karpov. Vest khir. 99 no. 9:23-28 S '67.
- Improved needle for trepanation biopsy in tumors of the breast. P. S. Palinka. Vop. onk. 13 no. 12:70-75 '67.
- In connection with E. S. Karasheva's article. E. Rutkowski. Vest khir. 99 no. 8:156-157 Ag '67.
- Inducing labor by detaching the inferior segment of the amnion. R. I. Movshovich. Trudy Novokuz. GIDUVA no. 3:26-31 '66.
- Information on the 1d European Congress of Neurosurgery. E. I. Kandel'. Vop. neirokhir. 31 no. 6:53-55 N-D '67.
- Izrael' Avilevich Shvarts. P. N. Napalkov. Vest khir. 99 no. 8:141 Ag '67.
- Laparoscopy in surgical clinical practice. L. I. Gorokhov and others. Med. tekhn. 1 no. 2:27-31 Mr-Ap '67.
- Late results of choledochoduodenostomies. I. I. Solov'eva-Raskina and others. Vest khir. 99 no. 11:81-84 N '67.
- Late results of surgical treatment of coarctation of the aorta. A. V. Pokrovskiy and others. Kardiologiya 7 no. 12:13-20 D '67.
- Lentushkin, A. I., and M. I. A. Likhten. [Pediatric outpatient and polyclinical surgery]. Detskaya ambulatornopoliklinicheskaya khirurgiya. Pod red. S. I. A. Dotselskogo. Moskva, "Meditsina," 1967 451 p. (B-kh. prakt. vracha)
- Limits of resection in gastric cancer. S. D. Khokhlov. Vop. onk. 13 no. 12:65-69 '67.
- Lymphogranulomatosis of the stomach. G. I. Zvoren, V. A. Sadovskaya. Vest khir. 99 no. 11:121-122 N '67.
- Mechanical suture in pulmonary surgery. A. M. Guselevich, I. U. IA. Gritsman, I. U. G. Goidina. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12:51-55 '66.
- Mediastinoscopy in surgery for pulmonary cancer. I. S. Zhorov, G. I. Lukomskiy. Khirurgia 43 no. 8:29-32 Ag '67.
- Modern equipment and achievements in the treatment of cancer of the rectum. S. A. Kholdin. Khirurgia 43 no. 8:121-125 Ag '67.
- Morphogenesis in the organization of vascular allotransplants. B. Kh. Abassov, K. M. Pozhariskiy. Vest khir. 99 no. 11:33-39 N '67.
- On the 50th anniversary of Soviet surgery. Vest khir. 99 no. 11:3-6 N '67.
- Outcome of resections of the lungs in chronic suppurative processes. N. V. Ionov and others. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12:139-143 '66.
- Pathological states following Billroth-2d type gastrectomy. A. A. Rusanov. Vest khir. 99 no. 11:61-69 N '67.
- Porphyria in surgical practice. B. S. Pankov, D. V. Usov. Vest khir. 99 no. 8:70-72 Ag '67.
- Postoperative complications in patients over 70. N. S. Leont'ev, I. N. Meshalkin, N. N. Ovchinnikov. Vest khir. 99 no. 11:134-137 N '67.
- Postoperative pancreatitis. K. D. Toskin, S. D. Mylkin. Vest khir. 99 no. 11:73-77 N '67.
- Present-day scientific and practical aspects of the blood transfusion problem in surgery. B. V. Petrovskiy. Khirurgia 43 no. 8:10-16 Ag '67.
- Prevention and treatment of bronchial fistulas in tuberculous spondylitis. D. G. Kovalenko. Vest khir. 99 no. 9:33-38 S '67.
- Prevention of postoperative bronchial fistulas, experimental and clinical study. G. K. Tkachenko, N. S. Volkov. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12:95-97 '66.
- Protective function of histohemetic barriers in skin grafting. V. I. Kostykin and others. Eksp. khir. i anest. 12 no. 6:11-19 N-D '67.
- Qualitative composition of the red blood in some surgical diseases. B. S. Chakov. Shor. nauch. trud. Krasnoyarsk. gos. med. no. 7:210-213 '63.
- Remote results of single stage closed echinococectomy of the lung. M. G. Gol'dfarb, S. V. Shtein. Azerb. med. zhur. 14 no. 8:58-61 Ag '67.
- Removal of a calcified cyst from the apex of the heart. A. K. Starodumov. Vest khir. 99 no. 11:116-117 N '67.
- Repeated operations for cancer of the gastric stump. M. F. Gaponenko. Vest khir. 99 no. 9:115-116 S '67.
- Repeated operations in cancer of the large intestine. A. N. Shabanov. Khirurgia 43 no. 8:117-121 Ag '67.
- Resection of the anterior wall of the left ventricle for echinococcosis. A. A. Voronov, V. N. Vasil'ev. Vest khir. 99 no. 9:117-114 S '67.
- Resection of the lungs for cancer. M. I. Perep'man, S. P. Grigor'ev. Khirurgia 43 no. 8:32-38 Ag '67.
- Resection of the right half of the large intestine in cancer. O. I. Vinogradova. Khirurgia 43 no. 8:112-117 Ag '67.
- Restorative surgery in osteoarthritis: tuberculosis. D. G. Kovalenko. Ortop., travm. i protez. 28 no. 11:86-90 N '67.
- Results of the study of the function of external respiration and electrocardiogram at late periods following lobectomy. I. A. E. Lamm, O. I. A. Vitols. Trudy Kazakh. inst. klin. i eksp. khir. AMN SSSR 12:84-86 '66.
- Review of selected articles published in the "Zentralblatt für Chirurgie" during 1961-1965. N. S. Voronov. Vest khir. 99 no. 9:118-141 S '67.
- Role of the Neurosurgical Council and All-Union Neurosurgical Society in the organization and development of neurosurgery in the U.S.S.R. G. P. Kornianskiy. Vop. neirokhir. 31 no. 6:1-6 N-D '67.
- Scientific and practical conference of departments of child surgery. M. L. Dmitriev, A. I. Chang. Vest khir. 99 no. 8:134-135 Ag '67.
- Selection of surgical approach in cancer of the cardia. V. I. Kozolev, O. I. A. Matus. Khirurgia 43 no. 8:70-77 Ag '67.
- Separate result of extended palliative resection of the liver for alveolar echinococcosis. D. O. Aika. Shor. nauch. trud. Krasnoyarsk. gos. med. no. 7:440-442 '63.
- Sequelae of gastrectomy and resection of the proximal portion of the stomach. V. S. Malet and others. Khirurgia 43 no. 8:89-95 Ag '67.
- Significance of special research methods in the surgery on pulmonary tumors. V. I. Stuchkov, A. V. Grigor'yan, S. V. Lokhvitskiy. Khirurgia 43 no. 8:22-28 Ag '67.
- Significance of the fibrinogen test in the prognosis of operative and postoperative hemorrhages. V. S. Ponomarev. Shor. nauch. trud. Krasnoyarsk. gos. med. no. 7:353-354 '63.
- Some causes of the development of acute cardiac insufficiency in patients with acquired defects of the heart following surgery under conditions of artificial blood circulation. G. I. Tsukerman and others. Kardiologiya 7 no. 7:97-103 '67.
- Some functional changes in the neuroreceptor apparatus of the pleural cavity in surgical pneumothorax, experimental data. E. M. Valentinovich. Shor. nauch. trud. Krasnoyarsk. gos. med. no. 7:194-197 '63.
- Some problems of surgery for cancer of the stomach. R. P. Askervkhanov, T. G. Mischenko. Khirurgia 43 no. 8:96-101 Ag '67.
- Some problems of the performance and of the postoperative course of regional perfusion in malignant tumors of the extremities. I. T. Knysh and others. Ortop., travm. i protez. 28 no. 11:66-70 N '67.
- Soviet surgery on the 50th anniversary of the Great October Socialist Revolution. A. V. Smirnov. Vest khir. 99 no. 8:3-17 Ag '67.
- Spine surgery during 50 years. A. I. Kaz'min. Ortop., travm. i protez. 28 no. 11:32-38 N '67.
- State of oxidative processes in tetralogy of Fallot in infancy before and following establishment of intervascular anastomoses. G. P. Mogilevskaya and others. Kardiologiya 7 no. 7:85-88 '67.

- Diagnostic significance of colpocytology in protracted pregnancy. R. G. Miller. Trudy Novokuz, GIDUVA no. 33 73-76.
- Difficulty in the diagnosis of the vitalization syndrome. E. S. Truncheva, V. F. Khomenko. Trudy Novokuz, GIDUVA no. 33 327-330 '66.
- Distortion of the uterine tubes in cancer. I. A. M. Anbrokh. Akush. i gin. 13 no. 9 71-75 S '67.
- Dynamic of edematous toxemias based on electrocardiographic data. L. M. Isent'eva. Trudy Novokuz, GIDUVA no. 33 12-42 '66.
- Effect of surgical trauma on the function of the urinary bladder in gynecological operations. V. N. Savinykh. Trudy Novokuz, GIDUVA no. 33 271-277 '66.
- Electrocardiographic and ballistocardiographic data in women following toxemias, late observations. I. M. Isent'eva. Trudy Novokuz, GIDUVA no. 33 133-137 '66.
- Extraction following obstetrical and gynecological laparotomy. K. P. Fishova. Trudy Novokuz, GIDUVA no. 33 230-233 '66.
- Experience in detection and treatment of congenital toxoplasmosis in a gynecological consultation office. N. L. Sadovskaya. Trudy Novokuz, GIDUVA no. 33 408-411 '66.
- Experience in the organization of dispensary observation of women with habitual incomplete pregnancy. L. L. Shchurkina. Trudy Novokuz, GIDUVA no. 33 112-116 '66.
- Experimental atherosclerosis and disorders of the placental barrier. Z. M. Volynskiy, M. K. Mikushkin. Kardiologia 7 no. 7 9-13 II '67.
- Fetalurine pregnancy following sterilization. L. V. Golubeva. Trudy Novokuz, GIDUVA no. 33 205-208 '66.
- Fibromyoma and the childbearing function. A. P. Markovskiy. Trudy Novokuz, GIDUVA no. 33 202-201 '66.
- Five years of experience in the collection of blood obtained in the surgery of artificial abortion for the purpose of producing gamma globulin. N. I. Kirina, V. S. Bondarenko. Trudy Novokuz, GIDUVA no. 33 417-419 '66.
- Fluorescence microscope of punctates in the diagnosis of lesions of breast. K. A. Agamova. Lab. delo no. 11 448-449 '67.
- Fluorescent colpocytoscopy in the diagnosis of cancer and precancerous changes in the cervix uteri. E. V. Kofmanovich, K. P. Gamina. Vop. onk. 13 no. 10 76-82 '67.
- Foreign bodies in vaginas in little girls. A. M. Mazhbits. Trudy Novokuz, GIDUVA no. 33 301-307 '66.
- Frequency and nature of disorders of the menstrial function in patients with acute cranio-cerebral trauma. L. F. Rotkina. Trudy Novokuz, GIDUVA no. 33 311-351 '66.
- Function of the adrenal cortex and thyroid gland in uterine myoma. M. I. Slepov, I. E. Novosvetskaya. Akush. i gin. 13 no. 9 17-21 S '67.
- Gynecological operations in women over 50. N. I. Khlasiko. Trudy Novokuz, GIDUVA no. 33 359-363 '66.
- Hyaline membranes in the lungs of newborn infants. A. P. Barasheva. Trudy Novokuz, GIDUVA no. 33 175-177 '66.
- Intravaginal electrophoretic studies in normal pregnancies and those complicated by late toxemia. L. G. Solnikova. Akush. i gin. 13 no. 8 15-19 Ag '67.
- Importance of menstrual disorders in the pathogenesis and clinical aspects of primary uterine inertia. T. I. Chernomskaya. Akush. i gin. 13 no. 9 11-18 S '67.
- Indices of the functional state of the liver in normal course of pregnancy. G. B. Brzoznichenko. Akush. i gin. 13 no. 8 58-62 Ag '67.
- Inducing labor by detaching the inferior segment of the amnion. R. I. Movshovich. Trudy Novokuz, GIDUVA no. 33 256-31 '66.
- Intestinal plastic surgery in the treatment of urogenital fistulas. V. F. Khomenko. Trudy Novokuz, GIDUVA no. 33 257-260 '66.
- I. I. Okinshits' modified sleeve. R. I. Movshovich. Trudy Novokuz, GIDUVA no. 33 178-179 '66.
- Labor in women of small stature. R. I. Movshovich. Trudy Novokuz, GIDUVA no. 33 71-81 '66.
- Late results of chitosmulin treatment in chorioepithelioma of the cervix uteri. M. A. Petrov-Maslakov and others. Vop. onk. 13 no. 10 87-86 '67.
- Limitations to the use of abdominal Cesarean section in modern obstetrics. S. L. Koflin. Akush. i gin. 43 no. 9 61-63 S '67.
- Mechanism of the therapeutic effect of vibration of low sound frequency in inflammatory diseases of uterine appendices. Z. A. Sloushech. Trudy Novokuz, GIDUVA no. 33 338-339 '66.
- Menstrual and generative functions in women having had metrohemostat treatment in the early puerperal period. Report No. 2. G. A. Skudarnova. Trudy Novokuz, GIDUVA no. 33 115-118 '66.
- Menstrual function in patients with cerebral tumors. L. E. Rotkina. Trudy Novokuz, GIDUVA no. 33 240-244 '66.
- Menstrual function in patients with posttraumatic diseases of the brain. I. F. Rotkina. Trudy Novokuz, GIDUVA no. 33 352-358 '66.
- Methodology and technique of cesarean section. I. S. Pershinov. Akush. i gin. 43 no. 9 66-74 Ag '67.
- Methods of provocation in chronic gonorrhea in women. A. M. Mazhbits. Trudy Novokuz, GIDUVA no. 33 378-387 '66.
- Metrohr mostat in the prevention and treatment of puerperal hemorrhages. Report No. 1. G. A. Skudarnova. Trudy Novokuz, GIDUVA no. 33 112-114 '66.
- Modern status of prevention of cancer in the female generative system. A. I. Seizobov. Akush. i gin. 43 no. 9 3-7 S '67.
- Morphological and histochemical characteristics of the placenta in late toxemias in gravidas. L. G. Vishnevskaya, I. P. Ivanov. Akush. i gin. 43 no. 8 30-35 Ag '67.
- Morphological and histochemical structure of adhesions following gynecological operations. L. V. Dobrovol'skaya. Trudy Novokuz, GIDUVA no. 33 216-221 '66.
- Nitroanthropometric measurements in obstetrics, gynecology and bordering fields. A. M. Mazhbits. Trudy Novokuz, GIDUVA no. 33 193-198 '66.
- New clinical aspects in gynastria. A. M. Mazhbits. Trudy Novokuz, GIDUVA no. 33 193-198 '66.
- New model of a polyabdominal diaphanoscope. B. I. Sherstnev. Akush. i gin. 43 no. 9 70-77 S '67.
- New model of gonometer. I. I. Ksenidze, V. V. Bessonov. Trudy Novokuz, GIDUVA no. 33 180-181 '66.
- Observation of rare teratoma and surgical removal of a parasitic fetus. I. U. S. Gilevich. Vest. khir. 99 no. 8 108-109 Ag '67.
- On K. N. Zhuravskiy's article "Is further widening of indications for Cesarean section substantiated?" A. Petrov-Maslakov, S. M. Bekker. Akush. i gin. 13 no. 9 57-58 S '67.
- Ovarian apoplexy. V. V. Petisova. Trudy Novokuz, GIDUVA no. 33 287-291 '66.
- Parafascial cystic passages of the abdominal wall following obstetrical and gynecological laparotomy. A. M. Mazhbits. Trudy Novokuz, GIDUVA no. 33 226-229 '66.
- Paraovarian cysts. Z. G. Morozova. Trudy Novokuz, GIDUVA no. 33 222-225 '66.
- Pelvic phlebography as a method of determining the operability of tumors of the cervix uteri. A. A. Chevin-skikh. Trudy Novokuz, GIDUVA no. 33 282-286 '66.
- Possibilities of radiosurgical treatment of cancer of the breast. A. V. Kantin. Vest. khir. 99 no. 9 16-19 S '67.
- Practical significance of some problems of prenatal protection of the fetus. M. A. Petrov-Maslakov. Akush. i gin. 43 no. 8 12-16 Ag '67.
- Premature puberty. V. L. Shkolnikova. Trudy Novokuz, GIDUVA no. 33 306-314 '66.
- Prevention of disorders of blood circulation during pregnancy, labor and puerperal period in women with heart defects. F. G. Istova. Trudy Novokuz, GIDUVA no. 33 125-132 '66.
- Principles in using sex hormones for menstrual disorders in women of childbearing age. P. M. Vikhliakova. Akush. i gin. 43 no. 9 68-71 S '67.
- Protein composition of the blood serum in nephropathy during pregnancy. I. I. Kolpakova. Trudy Novokuz, GIDUVA no. 33 62-66 '66.
- Protein composition of the blood serum in the mother and newborn infant. I. I. Kolpakova. Trudy Novokuz, GIDUVA no. 33 56-61 '66.
- Puerperal hematoma of external and internal generative organs. A. M. Shmukler. Trudy Novokuz, GIDUVA no. 33 110-121 '66.
- Puerperal psychoses. T. A. Chebotareva. Trudy Novokuz, GIDUVA no. 33 160-162 '66.
- Rapid growth of uterine myoma in a patient after 8 years following combined radiotherapy for cancer of the cervix uteri. N. I. Iatskovskaya. Akush. i gin. 43 no. 9 75-76 S '67.
- Recording of the number of drops in intravenous introduction of oxytocin by means of pulsotachometer. E. A. Lantsev. Akush. i gin. 13 no. 8 77 Ag '67.
- Rectovaginal fistulas. A. M. Mazhbits, A. S. Tolstokorova. Trudy Novokuz, GIDUVA no. 33 261-263 '66.
- Repeated cesarean sections. L. V. Dobrovol'skaya. Trudy Novokuz, GIDUVA no. 33 89-94 '66.
- Repeated extrauterine pregnancy based on data of an obstetrical clinic during the period 1957-1963. L. V. Dobrovol'skaya. Trudy Novokuz, GIDUVA no. 33 209-215 '66.
- Repeated perforation of the uterus in performing artificial abortion. T. A. Chebotareva. Trudy Novokuz, GIDUVA no. 33 372-373 '66.
- Restrictions of indications for Cesarean section. A. M. Tol. Akush. i gin. 43 no. 9 63-65 S '67.
- Results of treatment with vibration baths in inflammatory diseases of uterine appendices. Z. A. Sloushech. Trudy Novokuz, GIDUVA no. 33 333-337 '66.
- Role of Cesarean section in modern obstetrics. V. A. Pokrovskiy. Akush. i gin. 43 no. 9 59-60 S '67.
- Sarcoma of the uterine tube. S. I. A. Rubinshtein. Akush. i gin. 43 no. 9 73-74 S '67.
- Significance of toxoplasmosis in obstetric pathology. V. I. Slutskiy. Trudy Novokuz, GIDUVA no. 33 163-168 '66.
- Some data of histochemical study of fetal membranes in normal pregnancies and in those complicated by late toxemia. A. M. Dudina. Akush. i gin. 43 no. 8 36-39 Ag '67.
- Some problems in preventing stillbirth. L. V. Golubeva. Trudy Novokuz, GIDUVA no. 33 141-145 '66.
- State of fetuses and newborn infants in premature bursting of waters. R. I. Movshovich. Trudy Novokuz, GIDUVA no. 33 138-140 '66.
- State of newborn infants of mothers with diseases of the cardiovascular system. D. M. Aranskaya. Trudy Novokuz, GIDUVA no. 33 169-171 '66.
- State of newborn infants of mothers with late toxemias of pregnancy of the edematous series. D. M. Aranskaya. Trudy Novokuz, GIDUVA no. 33 172-171 '66.
- State of the fibrinolytic system of the blood in the physiological course of pregnancy. G. K. Nikitina. Trudy Novokuz, GIDUVA no. 33 103-106 '66.
- State of the urogenital system in women working in some shops of an aluminum plant. L. V. Dobrovol'skaya. Trudy Novokuz, GIDUVA no. 33 321-326 '66.
- Subcutaneous emphysema during labor. Z. N. Kunareva. Akush. i gin. 13 no. 8 78 Ag '67.
- Surgical tubal sterilization in women. R. I. Movshovich. Trudy Novokuz, GIDUVA no. 33 278-281 '66.
- Transumbilical catheterization of the iliac artery for regional chemotherapy in cancer of the uterus. S. N. Nugmanov, A. E. Tsenskulov. Vop. onk. 13 no. 12 17-21 '67.
- Trauma of the ureters in gynecological operations. V. V. Petisova. Trudy Novokuz, GIDUVA no. 33 264-270 '66.
- Treating of pruritus of external generative organs by means of regional introduction of oxygen. T. V. Varnavskaya. Trudy Novokuz, GIDUVA no. 33 364-366 '66.
- Use of dry blood plasma in the treatment of late toxemias in gravidas. G. G. Gotsadze. Akush. i gin. 43 no. 8 56-58 Ag '67.
- Use of intratracheal anesthesia in gynecological operations. F. V. Golubeva. Trudy Novokuz, GIDUVA no. 33 199-201 '66.
- Use of semisynthetic penicillinase-resistant penicillins (oxacillin and methicillin) for the treatment of obstetric sepsis and purulent complications following labor and abortions. I. R. Zak. Antibiotiki 12 no. 9 852-856 S '67.
- Use of the vacuum extractor in obstetrical practice. L. V. Dobrovol'skaya, D. M. Aranskaya, G. S. Tanakova. Trudy Novokuz, GIDUVA no. 33 95-99 '66.
- Use of tranquilizers in treatment of the climacteric syndrome. T. M. Dondukova. Akush. i gin. 43 no. 9 38-32 S '67.
- Using liquid bactericidal soap for control of staphylococci in maternity homes. E. E. Odintsov, I. P. Volkov. Akush. i gin. 13 no. 9 77-78 S '67.
- Vacuum drainage following mastectomy. I. K. Seleznev. Vest. khir. 99 no. 11 57-60 N '67.
- Vaginoscopy as one of the relatively new and inadequately explored methods to study urogynecology in children. A. M. Mazhbits. Trudy Novokuz, GIDUVA no. 33 295-303 '66.
- X-ray diagnosis of cancer of the breast. A. N. Lantin, P. A. Kadyrov. Vest. khir. 99 no. 9 43-45 S '67.

618(571.17)—Kemerovo Province

- Activities of the Scientific Society of Obstetricians and Gynecologists of Southern Kuznetsk Basin: 1957-1963. R. I. Movshovich. Trudy Novokuz, GIDUVA no. 33 391-393 '66.
- Course of climacteric and menopause in women working in some shops of the Kuznetsk Metallurgical Combine. B. I. Shkolnikova, M. N. Kovalevskaya. Trudy Novokuz, GIDUVA no. 33 315-320 '66.
- Eclampsia based on data of obstetrical institutions of Novokuznetsk during the period 1950-1964. N. I. Kirina, L. I. Ksenidze. Trudy Novokuz, GIDUVA no. 33 100-102 '66.
- Hemorrhage in the placental and puerperal periods based on materials of the obstetrical clinic of Novokuznetsk State Institute of Advanced Training of Physicians during 7 years (1958-1964). G. K. Nikitina. Trudy Novokuz, GIDUVA no. 33 107-111 '66.
- Organization of the teaching process in the Department of Obstetrics and Gynecology of the Novokuznetsk State Institute of Advanced Training of Physicians. E. V. Golubeva. Trudy Novokuz, GIDUVA no. 33 399-401 '66.
- Scientific work of the Obstetrical Department of Novokuznetsk State Institute of Advanced Training of Physicians during 1960-1965. R. I. Movshovich, G. K. Nikitina. Trudy Novokuz, GIDUVA no. 33 394-398 '66.
- Surgical activity of a gynecological clinic during a period of four years. Z. G. Morozova. Trudy Novokuz, GIDUVA no. 33 405-407 '66.

618(98)—Arctic and North Polar regions

- Characteristics of the course of the placental period and early puerperium in arctic regions. L. D. Makheva. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 317-319 '63.
- Course of the climacteric period in women in arctic regions. T. I. Red'kina. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 313-314 '63.
- Course of toxemias in the second half of pregnancy in arctic regions. I. I. Chernomova. Sbor. nauch. trud. Krasnoyarsk. gos. med. no. 7 314-317 '63.

619 COMPARATIVE PATHOLOGY VETERINARY
MEDICINE

- Epizootiology and treatment of sheep coccidiosis. S.K. Sanchur. Trudy Inst zool AN Kazakh SSR 26 70-92 '67.
- Methodology of the roentgenography of the mammary gland in cattle. I.S. Tsakina. Trudy S'verd. sel'khoz inst. 14 138-159 '65.
- [New methods for the diagnosis of subclinical mastitis in cows, a review of foreign literature for 1964-1965] Noveye metody diagnostiki subklinicheskikh mastitov u korov, obzor inostrannoi literatury za 1964-1965 gg. Moskva, 1966 48 p. (Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 12(74)). (DNAL)
- Soviet military veterinary medicine. N. Sipro. Tv'i i snah. Sov. Voor. Sil 38 no 12 12-13 D '67.
- Use of saprorel in suppurative arthritis. N.P. Bishchev. Trudy Sverd. sel'khoz inst 14 203-204 '65.
- [Virus pneumonia in swine, a review of foreign literature] Virusnaya pneumoniya svinoi, obzor inostrannoi literatury. Moskva, 1966 41 p. (Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 15(67)). (DNAL)

62 ENGINEERING AND TECHNOLOGY

- Apply this in your mine I U. Kornilov Sov shakht. 16
no 7-15-16 11 467
- Chemodanov, M. P. [Transformation of science into a
direct production force during the building of com-
munism] Prevrashchente nauki v neposredstvennuiu
proizvoditel'nuu silu v protsesse stroitel'stva kommuni-
zma Moskva, "Mysl'," 1966 90 p
- In the world of science and technology Mor sbor 51
no 1-70-72 Ia 168
- Method for the transformation of an observation space in
statistical synthesis of nonlinear closed-loop automatic
systems. V. I. Ivanenko, Kibernetika no. 6; 14-18 N-D
1977,
- [Problems of economic incentives for scientific and tech-
nological progress] Problemy ekonomicheskogo stimuli-
rovaniia nauchno-tekhnicheskogo progressa. Moskva,
"Nauka," 1967 333 p
- [Serbo-Croatian-Russian polytechnical dictionary. Ap-
proximately 37,000 words] Srbskokhoroatsko-russkii
politekhnicheskii slovar' Okolo 37 000 reč. mincov. Mo-
skva, "Sovetskaiia Entsiklopediia", Belgrad, "Rad." 1967
574 p
- [Ways of developing technology in the U. S. S. R.] Puti
razvitiia tekhniki v SSR Moskva, "Nauka," 1967
275 p (Sovetskaiia nauka i tekhnika za 50 let',
- Work of the Scientific Council on the Economic Efficiency
of Capital Assets, Capital Investments, and New
Equipment of the Academy of the Academy of Sciences
of the U. S. S. R. in 1965 Sbor. nauch. inform. Nauch.
sov. po eff. oın fond kap. vlozhi i nov. tekhn. AN SSSR
no 11 128-134 467.

620.1 MATERIALS TESTING

- Actual corrosion time of metals for various regions of the Soviet Union, A. I. Golubev, M. Kh Kadyrov
Uzb. khim zhur. 11 no. 6 64-66 '67
- Adhesion of sheet polyvinylchloride A. V. A. I. temrenko
Plast massy no 12 71-72 '67
- Determining the position of the neutral surface in non-metallic shells, plates and rods, L. I. Voronina, Izv. vuz. ucheb. zav., mashinost. no. 6 30-32 '67.
- Development of physical and physicochemical methods for the testing and studying of paint materials and coatings, S. V. Iakubovich, L. V. Nititsyn, Lakofras. mat. i khim. priim. no 7 48-53 '67
- Effect of plasticizers on the adhesion of crystalline polymers to elastomers IU. S. Milosluk, V. I. Kiselev, S. S. Volutskiy Plast. massy no 12 68-71 '67
- Effect of sulfidation on the wear-resistance of steels, O. S. Domracheva, V. P. Alikin, Uch. zap. Perm. gos. un. no. 159:195-205 '66.
- Effect of the load frequency on the wear resistance of plastics, L. B. Ratnei, S. G. Agamalian Plast. massy no 12 66-67 '67
- Evaluation of materials according to their capacity to failure inhibition, I. A. B. Fridman and others, Zav. lab. 33 no. 10:1316-1328 '67.
- Glorious fifty years M. V. Prudantsev, Zav. lab. 33 no. 10:1187-1188 '67.
- International Conference on Nondestructive Testing of Materials, V. Gorskiy, Atom. energ. 23 no. 6 579-580 D '67.
- Mechanism of the corrosion of low carbon steel in arsenic-soda sulfur-removing units, N. P. Kovalenko, I. A. Levin, Zhur. prikl. khim. 40 no. 9 1980-1986 S '67.
- Rolling of a wheel with a pneumatic tire on a rigid surface, R. V. Vivabov, Izv. vuz. ucheb. zav., mashinost. no. 6 89-95 '67.
- Structure of glasses in the system $\text{SiO} - \text{TiO}_2 - \text{SiO}_2$ studied by means of infrared absorption spectra, M. L. Zolina, M. P. Zorin, Izv. AN SSSR, Noorg. mat. 3 no. 12 2276-2277 D '67.

620 18 SUITABILITY, SERVICEABILITY, QUALITY
TESTING

- Brittle failure of alpha-iron alloyed with nickel. IU 1.
Doklady, IU 1 Matrosov, L. A., Evdokimova. Metalloved
1 term obr: met no 180, 2 of cover: Ja '68
- Nekhendzi, IU A., and I. V. Kuntsov. [Complex testing
for the determination of foundry properties of alloys]
Kompleksnaya proba dlya opredeleniya litelnykh svoystv
spлавov Leningrad, 1967 40 p. (Leningradskii dom
nauchno-tekhnicheskoi propagandy Seriya "Progressivnoe
formirobrazovanie).
- 620 17 MEASUREMENT OF MECHANICAL PROPERTIES
STRENGTH AND DEFORMABILITY
TESTS, ETC.
- Certain characteristics of changes in the plasticity of
copper at high temperatures. A A Presniakov and
others Izv. vys ucheb zav., tsvet. met. 10 no. 5, 142-
146 '67
- Changes in thermoplastic properties of coals as result
of heating and drying of the charge before coking.
V N Dufkan, N S Griaznov. Koks i khim. no 7 6-
12 '67
- Controlling very thick welded joints with a betatron
defectoscope O. F. Bulacov and others Svoi proizv
no 1 28-30 Ja '68
- Determining stresses during the drawing of BrO₆Br₂·5-
O₁₅ bronze wire K A Grechany, IU P Mironenko,
V E Vlasov. Trudy Inst iad fiz AN Kazakh SSR
B 70-72 '67
- Development of a method of testing metals for creep,
long time strength, and relaxation of stresses. A. M.
Borzdya, B. M. Ovsiannikov. Zav fab. 33 no. 10: 1329-
1341 '67

Diffractometric study of the surface state of bar. 2211

- nate single crystals grown by Remekha, A. A. *Izv. AN SSSR, Ser. fiz.* 31, no. 11: 1770-1781, 1967.
 Dudkevich, E. G., Pesenko, V. G., Gavrilin, V. A., and
 AN SSSR, Ser. fiz. 31, no. 11: 1770-1781, 1967.
 Effect of heat treatment on the strength and structure of
 the transition zone in the steel - metal-metal interface
 V. T. Abkhov, S. B. Maslennikov, A. A. Alekseyev, and
 Metalloved. i term. obrab. met. no. 1: 26-31, 1967.
 Electron microscopy of metals in the TEM and TEM
 skiz. Zav. lab. 33, no. 10: 1243-1260, 1967.
 Electron structure of titanium phosphides, B. G. Zolotarev,
 kovskiy, Dop. AN URSSR, Ser. A. 20, no. 12: 1321-1322,
 D. 1967.
 Etch pits in quartz, E. V. Tsinzel'berg, *Skiz. Zav. lab.*
 12, no. 4: 727-730, 31-Ag. 1967.
 Metallographic study of the deformation mechanism of
 E1702 steel, V. V. Karavayeva, V. I. Shchegolev, *Izv. vys. ucheb. zav., fiz.* 10, no. 6: 128-136, 1967.
 Metallography of cast iron, K. P. Ivanov, *Izv. vys. ucheb. zav., Metalloved. i term. obrab. met.* no. 5: 41-46, 1967.
 Orientation analysis based on the grain structure of
 of rolled iron, G. M. Vorob'ev, *Izv. vys. ucheb. zav., fiz.* 10, no. 8-9: 106, 1967.
 Present state of the aging theory of metallic alloys, I. I. Skakov, *Metalloved. i term. obrab. met.* no. 1: 3-22, 1967.
 My 1967.
 Stainless steels, M. B. Shapiro, *Metalloved. i term. obrab. met.* no. 5: 65-73, May 1967.
 Structure of sulfocyanated layers in cast iron, I. I. Skakov, *Izv. vys. ucheb. zav., Metalloved. i term. obrab. met.* no. 1: 52-54, Jan. 1968.
 Studying the constitutional diagram of the copper - nickel system, Cu - Ni, M. V. Zhukovskiy, *Izv. vys. ucheb. zav., Metalloved. i term. obrab. met.* no. 1: 152-155, 1967.
 Studying the long-range order and the distribution of ions in some ferroelectric composite materials, V. M. Udin and others, *Izv. AN SSSR, Ser. fiz.* 31, no. 11: 1798-1802, N. 1967.
 Using radioisotope and nuclear-physical methods in the apparatus in metallurgy and metal studies, P. P. Kozlov, I. I. Skakov, *Izv. vys. ucheb. zav., lab.* 31, no. 10: 1243-1260, 1967.

620 19 DEFECTS AND DETERIORATION IN PLASTIC MATERIALS, CORROSION AND PROTECTION

- [Anticorrosive insulation of welded joints of large-scale residential buildings, practice of the XI International Construction Combine of the Glavmontdizobstroyeniye na natsionalnaya zashchita svarynykh soedineniy krupnykh promyshlennyykh domov, iz opyta domosti obit'nogo konstruktivnogo i tekhnicheskogo stroitel'stva. Moskva, Stroitel'stvo, 1967. 28 p.
- Automatic cathodic station for corrosion protection of metal underground structures, V. M. Kabanov, V. A. Vukobratov, V. Iu. Sukovitch, Iu. S. Zinin. Nefti i gaz, 1967, no. 1, 44-46. 11-Ag '67.
- Bialobzhetskii, A. V. [Radiation corrosion of metal in an alkaline corrosive solution]. Moskva, "Nauka," 1967. 216 p.
- Coatings based on water-soluble aminocarbonyl compounds for the protection of rolled metal. R. A. Vozniakova, I. A. Lakotkas mat, iz ikh prim. no. 45. 11-Ag '67.
- [Corrosion control in the chemical and petrochemical processing industries]. Boi'ba s korroziei v khimicheskoy i neftepererabatyval'shchey promyshlennosti. Moskva, "Mashinostroenie." 1967.
- Sbornik 1 [Metallic materials]. Materialy i metody materialy. Pod red. I. A. Khimova. 1967. 207 p.
- Corrosion properties of Kh18Ni9Ti steel in an atmosphere of CO₂. V. V. Roshchin, G. N. Gurevskaya, and I. A. Svar protizv. no. 126-28. Ja '68.
- Corrosion resistance of the base metal and welds made from Kh18Ni9Ti steel in alkaline solutions at various temperatures and concentrations. A. G. Gerasimov, I. S. Golevskiy. Trudy Ural'skogo politehnicheskogo universiteta, 1967, no. 1, 5-30. '67.
- Development of electrochemical methods for the study of metal corrosion. N. D. Tomashov, A. V. Gerasimov. Tr. Inst. Khim. 33, no. 10-1273-1285. '67.
- Effect of local potential on crack formation in metal. I. I. Malinkina. Metallovedenie i termicheskaya obrabotka metallov, 1968, no. 1, 1-4. Ja '68.
- Evaluating the limits of possible optimization in flow detection. N. V. Kinsht, B. P. Rudnikov. Gidrotekhnicheskoe stroitel'stvo, 1967, no. 8-40-42. S '67.

620.17(474 5)—Lithuanian S. S. R.,

- RT-250 tearing machine with a tensometric strength-measuring device. M. M. Sulauskas, I. I. Liukaitis, V. L. Rajackas. Kozh.-obuv. prom. 9 no. 12-27-28 D '67.
- 620.18 INVESTIGATION OF STRUCTURE. METALLOGRAPHY. EQUIVALENT STUDY OF NONMETALS
- Characteristics of steel hardening during thermomechanical treatment. M. L. Reinshtein, V. A. Zaimovskii, L. M. Kaputkina. Metalloved. i term. obr. met. no. 5-16-22 My '67.
- Correcting the coarse-grain structure of alloyed tool steels. A. A. Astafev, I. A. Borisov. Metalloved. i term. obr. met. no. 141-46 Ja '68.
- Determining the dimension of blocks by the extinction effect. G. M. Vorob'ev, L. I. Kotova. Kristallografiya 12 no. 4, 631-631 Ji-Ag '67.

Kanisevskii, I. S., F. L. Glekel', and K. B. Rapoport. [Longevity of concrete in dry and hot climate regions with saline soils] *Dolgovechnost' betonov v zlonakh s sukhimi i zharkimi klimatom i zasolenymi gruntami* Tashkent, "Fan," 1967, 133 p.

Kinetics of magnesium corrosion beneath polymer coatings in electrolytic media. E. M. Sokolova, I. U. N. Khakimov, P. I. Zubov. *Lakokras. mat. i inzh. prom.* 5:81-84 '67.

Modeling the pitting corrosion of ship hull plating with static loading. D. T. Chaptis. *Trudy TSNIIMF* 13 no. 82 34-50 '67.

New inhibitors and inhibited polymer coatings. T. L. Rozenfeld. *Vest. AN SSSR* 37 no. 12 41-46 D '67.

New method for coating of apparatuses with acid-resistant steels. V. I. Pozhukov. *Bum. prom.* no. 10 14-18 O '66.

Preventing corrosion of the inner surfaces of tanks. I. Kh. Khazhigilov. *Razrab. nef. i gaz. mest.* no. 3 70-72 '67.

Steel corrosion in mixtures of acetic acid with aniline and pyridine. L. L. Kononova. *Uch. zap. Perm. gos. un.* no. 159 206-210 '66.

Trukhanov, I. F. [Tables for determining volumes and surface areas of insulation of pipelines or cylindrical equipment] *Tablitsy dlia opredeleniia ob'emov i poverkhnostei izolatsii truboprovodov ili tsilindricheskogo oborudovaniia*. Moskva, Stroizdat, 1967, 65 p.

Use of anticorrosives for protecting the underwater part of ships from corrosion. I. U. N. Delevagin. *Ryb. khoz.* 44 no. 1 37-38 '68.

Water resistance and protective properties of lead-aluminum lubricants. V. V. Vainshlov, A. Felcher, V. E. P. Muzina. *Neft. i neftekhim.* no. 9 17-20 '67.

Work of the section on "Corrosion in power systems" of the Third International Congress on Corrosion of Metals. P. A. Akolzin, E. Ivanov. *Tekhn. i tekhn. 13* no. 9 95-98 S '66.

620 19(479 25)—A1 menlan S.S.R.

Application of titanium. I. U. Tsakalakian. *Prom. Arm.* 9 no. 9 52 '66.

620 24 POWER STATIONS

Konfederatov, I. A. [Fundamentals of power engineering] *Osnovy energetiki*. Izd. 2-e, dop. Moskva, "Prosvetshenie," 1967, 109 p.

620 9 GENERAL ECONOMICS OF ENERGY

Power bases of the petroleum industry. B. A. Azimov and others. *Azerb. nef. khoz.* 46 no. 11 42-14 N '67.

620 9(474 2)—Estonian S.S.R.

Complete automation of power supply. S. I. A. Veltail, S. A. Rainberg. *Mekh. i avtom. prom.* 20 no. 11 9-10 N '66.

620 9(575 3)—Tajik S.S.R.

Klopov, S. V., and V. A. Ryl'skii. [Industrial power complex of southern Tajikistan] *Energoresnyshonnyi kompleks Uzhnogo Tadzhikistana*. Moskva, Nauka, 1967, 107 p.

621 MECHANICAL AND ELECTRICAL ENGINEERING MACHINERY

[Automating and mechanizing industrial processes in machine manufacture] *Avtomatizatsiia i mekhanizatsiia proizvodstvennykh protsessov v mashinostroeni*. Pod red. G. A. Shaumana. Moskva, "Mashinostroenie," 1967, 387 p.

Braking during switching operations. N. E. Goncharov. *Trudy KINIF* no. 79 89-101 '65.

Cascade starting systems for the drives of mining machinery and mechanisms with high-capacity short-circuited asynchronous motors. S. P. Vasil'evskii, G. P. elektro-mekh. i avtom. no. 6 130-137 '66.

The Central Research Institute of Heavy Machinery Manufacturing elaborates problems in the economic evaluation of work efficiency of research institutes. *Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR* no. 11 163-167 '67.

Composite materials used in modern machine manufacture. M. G. Lozinskii. *Vest. mashinost.* 47 no. 11: 51-57 N '67.

Contactless speed indicators of papermaking machines. V. I. Zhil'berfarb, S. V. Kacher. *Bum. prom.* no. 10 20 O '66.

Development of the chemical technology of varnishes, paints, and paint coatings during the years of Soviet rule. M. F. Sorokin and others. *Lakokras. mat. i inzh. prom.* no. 5 57-67 '67.

Economic problems of the development of the machinery industry. V. V. Bitunov. *Vest. mashinost.* 47 no. 11: 78-82 N '67.

Expanding the technology of heat treatment in the batch production of machinery. V. G. Vorob'ev. *Metall. i term. obr. met.* no. 5 40-46 My '67.

50 years of the Great October Socialist Revolution. *Vest. mashinost.* 47 no. 11 3-8 N '67.

For starting up turbojet engines of turbomachines. V. I. Zhinkin. *Vest. protivovozd. obor.* no. 12 73 D '67.

Heavy-duty, power and transportation machinery industries at the 50th anniversary of the Soviet regime. V. I. Zhigalin. *Vest. mashinost.* 47 no. 11 9-15 N '67.

[High-melting materials in the machinery industry, a handbook] *Tugoplavkie materialy v mashinostroeni*, spravochnik. Pod red. A. T. Tumanova i K. I. Portnogo. Moskva, "Mashinostroenie," 1967, 392 p.

Implementation of the ISKhA multi-dier at the Radiev Biscuity. A. F. Aslanov, V. P. Bismakin. *Form. i split. prom.* 33 no. 8 35-39 '67.

In the Ministry of Machine-Tool and Metal-Cutting Tool Industry. *Vest. mashinost.* 47 no. 11 86-87 N '67.

In the Ministry of the Machine-Tool and Cutting-Tool Industry of the U.S.S.R. *Mekh. i avtom. prom.* 20 no. 11 49 N '66.

The "Interformash-67" Exhibition: mining machinery of the whole world. *Sov. shakht.* 16 no. 7 6-7 Ji '67.

Kokhtev, A. A. [Fundamentals of standardization in the manufacture of machinery] *Osnovy standartizatsii v mashinostroeni*. Izd. 3-e, pererabot. i dop. Moskva, "Mashinostroenie," 1967, 491 p.

Machinery and technology for the production of paint coatings in the Soviet Union during the past 50 years. A. D. Karin, P. I. Kolesnikova. *Lakokras. mat. i inzh. prom.* no. 5 45-17 '67.

Mechanical engineers for coal miners. V. Zelentsov. *Sov. shakht.* 16 no. 6 9-10 Je '67.

Modernized worm-type TFSH-2 profile cutter. V. V. Pokamestov, P. P. Glagolev. *Teor. i prom.* 13 no. 1 18-20 '66.

Noncontact temperature measurement of rotating machine parts. L. P. Egozychev. *Izm. tekhn.* no. 8 32-34 Ag '67.

Oil field machinery industry during the past 50 years. L. S. Gikman. *Neft. khoz.* 45 no. 10 41-47 O '67.

On the road to scientific work. N. V. TSederberg. *Vest. vys. shkoly* 25 no. 8 73-76 S '67.

Organization of the Soviet machinery industry. I. A. Satei. *Vest. mashinost.* 47 no. 11 37-39 N '67.

Potentials for the growth of labor productivity in the enterprises of the oil field machinery industry. Sh. Sh. Salimova. *Izv. vys. ucheb. zav.; nef. i gaz.* 10 no. 101-101 '67.

Recent developments in the technique and technology of the enterprises of the country's meat and dairy industry. K. P. Syn'ko. *Khim. i prom.* no. 5 64 O '67.

Scientific research in the field of machinery and technology for the application of paint coatings. E. N. Vlaychik. *Lakokras. mat. i inzh. prom.* no. 5 11-44 '67.

Selecting the optimum program for the shifting of air-work like manipulators in the automation of drilling holes. S. I. Sidorov, S. M. Vorontina, A. V. Topina. *Gor. i elektromekh. i avtom.* no. 6 119-123 '66.

Social and economic significance of machinery. M. Chernenko. *Lkon. Rad. Ukr.* 10 no. 6 16-21 Je '67.

Soviet inventions in the field of mechanical engineering. *Vest. mashinost.* 47 no. 11 85 N '67.

Study of the theory of mechanisms and machinery. I. K. Korzhinskii, V. V. Evdokimov. *Shkola i prom.* 11 no. 8 64-65 Ag '67.

Subdued are the Shurab coal seams. *Sov. shakht.* 10 no. 12 11 D '67.

621(471.23)—Leningrad Province

Technological progress in the enterprises of the Leningrad State Trust of the Peat Industry. V. N. Kiselev, D. K. Zhemchuzhin. *Teor. i prom.* 43 no. 4 13-17 '66.

621(471.5)—Ural regions

A giant of machine building. I. Potapov. *Tekhn. i vooruzh.* 26 no. 10 40-43 O '67.

621(471.632)—Kazachay-Cherkess Autonomous Province

Achievements of the personnel of the Order of the Red Banner of Labor Canning Combine in Aylgje. I. U. G. Vergeles. *Kons. i ov. prom.* 22 no. 11 20-24 N '67.

621(471.67)—Daghestan A. S. S. R.

Work of the Department of Economics of the Daghestan Branch of the Academy of Sciences of the U.S.S.R. *Shor. nauch. inform. Nauch. sov. po eff. otn. fond. kap. vlozh. i nov. tekhn. AN SSSR* no. 11 159-162 '67.

621(477)—Ukrainian S. S. R.

At the Central plant laboratory of the Kiev Machine Construction Plant "Boishevik." N. S. Kozachenko, M. M. Petropavlovskaya. *Zav. i inzh.* 33 no. 10 1359-1360 '67.

Central plant laboratory of the V. A. Malyshev Kharkov Transport and Machine Manufacture Plant at the eve of the October anniversary. A. P. Liubchenko. *Zav. i inzh.* 33 no. 10 1358 '67.

Technological progress of the Lenin Cannery in Odessa. A. A. Bychkov. *Kons. i ov. prom.* 22 no. 11 24-27 N '67.

621(478)—Moldavian S. S. R.

First of May Order of Lenin Cannery in Tiraspol. M. A. Rakitina. *Kons. i ov. prom.* 22 no. 11 12-15 N '67.

Gromov, A. I. A. [The horizons of search] *Gorizonty poiska* [Kishinev, Kartia Moldoveniaske, 1967] 117 p.

621(479 24)—Azerbaijan S. S. R.

Progress of the petroleum machinery industry in Azerbaijan. K. S. Aliev, G. G. G. and others. *Azerb. nef. khoz.* 46 no. 11 38-41 N '67.

621(571.14)—Novosibirsk Province

A student's design bureau works for the national economy. P. M. Alibuzhev, V. V. Shov, I. U. V. Sheboshov. *Vest. vys. shkoly* 25 no. 9 71-73 S '67.

621 00 MACHINERY DETAILS

Zybin, V. P. [Machine parts] *Detali mashin*. Moskva, 1966, 290 p.

621 001 GENERAL CHARACTERISTICS

Running-in of machines. V. A. Prokof'ev. *Stand. i kach.* 11 no. 9 34-36 S '67.

621 002 FIXED AND MOVING PARTS

Advanced technology of the building of chemical and petroleum apparatus. I. U. V. Shukhov, D. T. Logarov, E. V. Naukrug. *Khim. i nef. mashinost.* no. 12 41-42 D '67.

Method of assembly using plastics as a rigid compensator. I. M. Kromenski. *Khim. i nef. mashinost.* no. 12 35-38 D '67.

621 004 FORM AND SHAPE OF PRODUCTS

Calculating a nonstationary temperature field in a multilayer plate, in the case of boundary conditions of the third type. N. P. Belik, N. M. Belicov. *Gidromekhanika* no. 4 14-48 '66.

Effect of heat treatment on the strength and structure of the transition zone in the steel-molybdenum bimetal. V. T. Abubov, S. B. Maslennikov, A. A. Aleksandrov. *Metall. i term. obr. met.* no. 1 20-31 Ja '68.

Obtaining strong titanium-steel joints by rolling in vacuum. V. M. Amosenko and others. *TSvet. met.* 10 no. 12 38-41 D '67.

Thermal stress of multilayer plates in the case of an axisymmetric temperature field. G. A. Fein, I. U. V. Shevchikov. *Gidromekhanika* no. 4 30-33 '66.

621 005 OPERATION CONTROL AND REGULATION

Machine reliability will increase. *Prom. Arm.* 9 no. 9 53-64 '66.

Methodology for the evaluation of severe climate for the determination of working conditions of mechanisms and machines. L. E. Anapol'skaya, Z. M. Sokratina. *Trudy GGO* no. 210 109-121 '67.

Noncontact slide clutches and experimental comparison of them with contact-type ones. T. A. Shchetinin. [Nauch. trudy] ENIKMASIA no. 16 18-24 '67.

Operating conditions of some regulated drives with inductive clutches and brakes. T. A. Shchetinin. [Nauch. trudy] ENIKMASIA no. 16 25-62 '67.

621.007 SERVICING, MAINTENANCE, ASSEMBLY, PROTECTION AND SAFETY DEVICES

Some characteristics of the problem on the minimum of maximum control deviation. F. D. Viktorov, R. M. Larin. *Mekh. i term. obr. met.* no. 4 66-71 Ji-Ag '67.

Strength of threaded parts made from plastics. N. G. Agabekov, A. D. Mustafayev. *Izv. vys. ucheb. zav.; nef. i gaz.* 10 no. 10 103-107 '67.

621.01 MECHANICAL ENGINEERING THEORY AND PRINCIPLES, DESIGN AND CONSTRUCTION OF MACHINERY

Acute problems of the theory of mechanisms and machines course. M. A. Skudidin, V. A. Zinov'ev, M. M. Gernot. *Vest. vys. shkoly* 25 no. 9 67 S '67.

Artobolevskii, I. I. [Machine theory] *Teoriia mekhanizmov*. Izd. 2-o, ispr. Moskva, "Nauka," 1967, 718 p.

Determining the technical resource from the maximum level of dependability of technical products. T. D. Zhokover. *Stand. i kach.* 31 no. 9 37-38 S '67.

Direct business ties in machinery manufacturing enterprises. S. Avdeev. *Mat. i tekhn. snabzh.* 2 no. 11 54-62 N '67.

Forum of the services of reliability. *Stand. i kach.* 31 no. 9 72-75 S '67.

A mechanical engineering study room. G. L. Mirskaya. *Shor. spets. obr.* 14 no. 4 32 Ag '67.

Methods of studying the economic efficiency of using cotton-picking machinery. G. P. Chernykh. *Dokl. i soob. VNIESKH* no. 30 92-108 '66.

Possible forms of axisymmetric loss of stability of cylindrical shells under axial compression. A. V. Diatlov. *Izv. vys. ucheb. zav.; mashinost.* no. 6 42-45 '67.

621.01(471.6)—Northern Caucasus

Influence of specialization on the technical and economic indices of the production of articles having industry-wide use in machine manufacturing. M. M. Gadzhiev. *Probl. raz. ekon. Dag.* no. 3 41-58 '66.

- Diagram of automatic control of synchronous pump motors
with resynchronization under a load. B. M. Pliushch
and others. Izv. vyz. ucheb. zav., n^o 1 gaz 10 no. 6;
89-91 167.
- Digital apparatus for signal detection A. N. Romanov,
Vest. protivovozd obr no 12 74-78 D 167.

liquid metal reactor core with distant cooling. I. A. Andriyashov, I. A. Vdachkova, I. A. Zaitseva. *Atom. energ.* no. 2 52-60 '66.

Koriakin, I. I., and A. A. Loginov. [And rivers shall flow from the oceans] Teplofiz. iz okeanov reki Moskva. Atomizdat, 1967 86 p. (Nauchno-popul'naya biblioteka Atomizdat).

[Liquid metal coolants] Zhidkometallicheskie teploostoi- li. Izd. 2-e, pereabot i dop. Moskva, Atomizdat, 1967, 209 p.

On the stability of a nuclear reactor as a time-lag system. V. D. Gortichenko, I. U. T. Timin, *Atom. energ.* 23 no. 6 499-502 D '67.

Optimization of a two-layer shielding against isotopic sources of fast neutrons. V. S. Arizhanov and others. *Atom. energ.* 23 no. 6 546-547 D '67.

Production of industrial radiation loops. G. I. Kiknadze, V. G. Gambarian, *Atom. energ.* 23 no. 6 553-555 D '67.

Reactivity of organic compounds (determination of the kinetics of hydrogen isotope exchange in nonaqueous solutions). A. I. Shatenshtein. *Kim. i fiz.* 8 no. 5 1056-1072 S-O '67.

Regularities of isotope exchange thermodynamics. Part 4. Possibilities of the comparative method for calculating sum ratios according to states of isotope forms of polyatomic molecules. A. N. Butyagin, A. A. Elisei, D. A. Kuznetsov, *Zhur. fiz. khim.* 41 no. 8 1915-1922 Ag '67.

Separation of nitrogen isotopes by chemical exchange of ammonia solutions in alcohols with ammonia. A. I. Kuznetsov, G. M. Panchenko, *Zhur. fiz. khim.* 41 no. 8 2062-2065 Ag '67.

Stability of a coupled-core reactor as a time-lag system. V. D. Gortichenko, *Atom. energ.* 23 no. 6 548-549 D '67.

Studying some photometric characteristics of the ionization calorimeter installed on the "Proton" artificial earth satellite. O. M. Kovizhnykh, I. G. Mischenko. *Vest. Mosk. univ. Ser. fiz., astron.* no. 5 72-78 S-O '67.

Use of tagged atoms for studying the relationship and sequence of reactions in some petrochemical processes. I. V. Katschits, *Kim. i fiz.* 8 no. 5 1111-1124 S-O '67.

621 1 STEAM POWER ENGINES BOILERS

Adjustment of an industrial system for desalting the condensate of a 300 Mw block with external regeneration of ionites. V. P. Shvetsova, *Teploenergetika* 13 no. 9 19-24 S '66.

Aerodynamic regulation of fuel and feed in the PK-24-83 St once-through-type boilers. N. I. Davydov and others. *Teploenergetika* 13 no. 7 6-12 D '67.

Aerodynamic regulation of level and pressure in deaerators. A. N. Shkolnik. *Teploenergetika* 13 no. 12 9-11 D '66.

Automation of an 800 Mw power generating block of the Slaviansk State Regional Electric Power Plant. V. N. Okhotin. *Teploenergetika* 13 no. 12 6-8 D '66.

Calculation of a flow in a nozzle lattice with decreased radial gradient of pressure. I. U. Mitushkin, N. S. Atkumov. *Energomashinostroenie* 13 no. 12 21-23 D '67.

Calculation of the corner sections of pipelines and water walls of boilers for load distribution. V. A. Nakhalov. *Teploenergetika* 14 no. 7 15-48 D '67.

Conference on steam parameters of power generating blocks with 500,000 kw ratings and the use of nonaqueous vapors in power engineering. B. F. Lazarev. *Teploenergetika* 13 no. 12 85-86 D '66.

Construction of a start algorithm for the control system of a block using control computers. E. M. Roik, *Teploenergetika* 13 no. 9 33-38 S '66.

Cooling of a heated surface of an air-water mixture. S. L. Orlik. *Teploenergetika* 11 no. 7 59-62 D '67.

Decrease of the level and useful redistribution of residual welding stresses in steam pipes from KKh18N9T steel. A. A. Minasian, G. L. Aricman. *Teploenergetika* 14 no. 7 78-80 D '67.

Design of vibrators of ultrasonic antiscaling equipment. L. G. Shevaldyshev. *Trudy LITV* no. 94 34-39 '67.

Determination of expenditures on feedwater treatment for large thermal electric power plants with different types of boilers and parameters. A. V. Zaitseva, V. S. Fisher, M. I. Motovilova. *Teploenergetika* 13 no. 9 2-7 S '66.

Determination of exposure and ray absorption coefficients of the components of solid welded furnace screens. V. G. Prokhorov, V. K. Shevchakov. *Teploenergetika* 13 no. 12 71-74 D '66.

Determination of microconcentration of calcium cations concentrating on KU-2-8 ion exchange resin. V. I. Rycheva, V. M. Bakharev. *Teploenergetika* 14 no. 7 87-89 D '67.

Determination of nonstationary temperature fields and stresses in steam pipes. I. U. V. Balashov. *Teploenergetika* 13 no. 12 47-50 D '66.

Determination of the coefficients of mass transfer between the nucleus of a flow and the surface of a steam generating channel. E. P. Serov, I. U. M. Tretyakov. *Teploenergetika* 14 no. 7 76-77 D '67.

Determination of the leakage of water through the gap between a slide valve and bushing. V. A. Lomov. *Energomashinostroenie* 13 no. 12 10-20 D '67.

Effect of the elimination of condensation in the nozzle apparatus on the characteristics of a turbine stage. A. G. Dandlovskii, A. M. Topunov. *Teploenergetika* 13 no. 9 78-80 S '66.

Energy losses originating during the flow of wet steam in a turbine. M. C. Dorch and others. *Teploenergetika* 13 no. 12 23-27 D '66.

Equation of state of water vapor at temperatures exceeding 500°C. M. P. Vukobratovich, M. S. Trakhtengerts, G. A. Spindlov. *Teploenergetika* 11 no. 7 65-70 D '67.

Experience in operating an industrial system with Na-Cl ionization of water. T. I. Shishova, P. V. Anshikova, A. M. Pirogov, *Teploenergetika* 13 no. 9 15-18 S '66.

Experience in the automation of combustion control in the TGM-151 boiler. S. G. Dandlovskii, F. G. Koryukova. *Teploenergetika* 14 no. 7 16-21 D '67.

Experimental study of deterioration of heat exchange during the flow of a steam and water mixture in heated pipes. A. S. Konkov. *Teploenergetika* 13 no. 12 53-57 D '66.

Experimental study of heat emission during bubble boiling of water in annular channels. N. G. Rassvetlin, R. S. Shvetsov. *Teploenergetika* 13 no. 9 81-82 S '66.

Experimental study of the temperature conditions of steam generating pipes with flow. E. P. Serov, G. L. Smirnov, V. S. Polonskii. *Teploenergetika* 13 no. 12 66-68 D '66.

From the work practice of industrial designers at the Kharkov Turbine Plant. B. V. Kozlov. *Tekhn. vest.* 3 no. 1 30-31 Ap '66.

Heat capacity of triethyl phosphate (triethyl-3) in the temperature range 25-70°C. S. I. Rivkin, A. N. Vinnikov. *Teploenergetika* 13 no. 9 92-93 S '67.

Increasing the efficiency of terminal stages of turbines. (A. I. Shvets, V. N. Ponomarev, A. V. Garkusha. *Teploenergetika* 13 no. 9 71-74 S '67.

Induction-type brake dynamometers. S. B. Stopikh. *Energomashinostroenie* 13 no. 12 41-44 D '67.

Iron removal in the desalting of turbine condensate. M. V. Roval'skaya, V. P. Shvetsova. *Teploenergetika* 14 no. 7 16-49 D '67.

Large power generating blocks should be provided with reliable automatic control systems. V. D. Mironov. *Teploenergetika* 11 no. 7 2-6 D '67.

Manufacture of boilers by the Taganrog Boiler Factory. (A. N. Ivanov, I. A. Ostrovskii, M. V. Meisler). *Energomashinostroenie* 13 no. 12 1-3 D '67.

Methodology for the comparison of the features of guide bladings. I. D. Vinnik. *Energomashinostroenie* 13 no. 12 23-25 D '67.

Modeling of the temperature fields of steam turbine hulls using two-dimensional network models. O. T. Pichenko. *Teploenergetika* 11 no. 7 50-52 D '67.

New method for coating of apparatuses with acid-resistant steels. V. I. Pozhitkov. *Bum. prom.* no. 10 11-18 O '66.

Nonsteady processes in steam generators. E. P. Serov. *Teploenergetika* 13 no. 9 50-56 S '66.

Overall automation of chemical water purification in thermal electric power plants. B. T. Vinnitskii, V. N. Okhotin, V. I. Ivanovskii. *Teploenergetika* 13 no. 12 11-11 D '66.

Padek's, a new method for condensate purification. N. P. Subbotin. *Teploenergetika* 13 no. 9 85-86 S '66.

Plans of the installation of an 800 Mw power generating block. N. N. Endaka. *Teploenergetika* 13 no. 12 3-6 D '66.

Pierivation of turbine components for different climatic conditions. S. I. Kluchnikov. *Energomashinostroenie* 13 no. 12 32-31 D '67.

Precast cleaning of a 300 Mw block. V. I. Stronski and others. *Teploenergetika* 13 no. 9 29-33 S '66.

Removal of steel corrosion products from condensate. F. G. Prokhorov, V. A. Rumiantseva, L. S. Zhuravlev. *Teploenergetika* 13 no. 9 24-29 S '66.

Results of experimental work in the automation of the calculation of the efficiency of a boiler and optimization of its operation. V. I. Stepanov, L. I. Savinkova, N. I. Nikol'skaya. *Teploenergetika* 14 no. 7 12-16 D '67.

Selection of quality criteria for control of the temperature and pressure of steam in large power generating blocks. A. S. Kozetski. *Teploenergetika* 11 no. 7 21-24 D '67.

Start, adjustment, and first trial run of the leading steam-gas block of the TsKTI system. V. K. Shevalov and others. *Teploenergetika* 13 no. 12 14-19 D '66.

Steam expenditure on the double-flow heat rectification apparatus at the Lipetsk Distillery. I. U. P. Bogdanov. *Ferm. i spir. prom.* 31 no. 8 12-15 '65.

Steam vapor systems operating on raw peat. S. Kh. Gelfendbeim. *Energomashinostroenie* 13 no. 12 27-29 D '67.

Study of an annular cascade with great flare operating on wet steam. I. I. Kizilov, A. I. Nosovitskii, V. N. Anelushkin. *Energomashinostroenie* 13 no. 12 14-45 D '67.

Study of the dynamics of steam boiler heating by natural gas burning. A. I. Tsenzura, B. A. Elemenko. *Trudy TSINS* no. 11 172-184 '63.

Study of the operation of a series of stages. G. A. Filippov, V. N. Sapozhnikov. *Teploenergetika* 13 no. 9 74-78 S '66.

Study of the operation of a thermal deaerator at increased pressure with a bubbling unit. I. I. Otkoi, V. A. Termiakov, I. U. L. Tots. *Teploenergetika* 13 no. 12 35-39 D '66.

Study of the superheaters of TGM-91 boilers operating on sulfur-bearing mazut. M. T. Kruk and others. *Energomashinostroenie* 13 no. 12 13-15 D '67.

Survey of magazine articles on water treatment and water conditions of electric power plants for 1964-1966. *Teploenergetika* 13 no. 9 94-93 S '66.

Temporary regulations for the engineering operation of block-type systems. V. I. Loshak. *Teploenergetika* 13 no. 12 88-89 D '66.

Thermal operation and design characteristics of furnaces with VTI stoking plant system operating on Soviet fuels. S. V. Tatinchev. *Energomashinostroenie* 13 no. 12 7-11 D '67.

Turbulent flow and heat transfer in smooth rectilinear channels with random cross section. I. U. P. Shlykov, S. N. Tsvetkov-Diadin. *Teploenergetika* 13 no. 12 62-66 D '66.

Water condition and feedwater treatment for a 300 Mw block. G. K. Drobob and others. *Teploenergetika* 13 no. 9 7-11 S '66.

621 1(433)—Federal Republic of Germany

300Mw blocks in the German Federal Republic. V. I. A. Grishel'd. *Teploenergetika* 13 no. 9 83-84 S '66.

621 1(497 2)—Bulgaria

Regulation of mill systems with inertial separators in the "Maritsa-Vostok" Thermal Electric Power Plant. P. Tsvetanov, A. Tsvetanova. *Teploenergetika* 11 no. 7 80-83 D '67.

621 22 WATER POWER UTILIZATION OF HYDRAULIC ENERGY

Comparison of processes regulating expenditure of different effective hydraulic turbines. V. S. Kvatchovskii. *Energomashinostroenie* 13 no. 12 3-7 D '67.

Controlling the tides. L. B. Bernshtein. *Zem. i vesl.* no. 4 34-35 D '67.

Edkman, B. I. [Programmed and remote control of hydraulic presses] Programmee i distantsionnoe upravlenie gidravlicheskimi pressami. Moskva, "Mashinostroenie," 1967 170 p.

Translating-type hydraulic turbines of the Bukhtinskaya Hydroelectric Power Station. I. I. Shurov. *Energomashinostroenie* 13 no. 12 30-32 D '67.

Koriakin, I. I., and A. A. Loginov. [And rivers shall flow from the oceans] Teplofiz. iz okeanov reki Moskva, Atomizdat, 1967 86 p. (Nauchno-popul'naya biblioteka Atomizdat).

Statistical characteristics of pressure pulsations in a hydraulic jump. V. I. Bukiiev. *PMIT* no. 5 134-137 S-O '66.

Volumetric losses in the valve distribution of a multipole hydraulic engine. I. I. Levtsov, Izv. vyz. ucheb. zav.; mashinost. no. 6 65-70 '67.

621 3 ELECTRICAL ENGINEERING

The ANO-6 universal electrodes with filament coatings. I. K. Pokhachina and others. *Svar. proizv.* no. 12 44-45 D '67.

Absorption of hydrogen atoms on zinc oxide and its effect on electrical conductivity. Part 2: Experimental study. I. N. Pospelova, I. A. Masnikov. *Zhur. fiz. khim.* 41 no. 8 1090-1096 Ag '67.

Comparison of magnetic systems producing a strong magnetic field in a great volume. P. L. Zarembo, P. I. Antovskii. *Mag. glaz.* no. 1 124-131 '67.

Consideration of the reaction of the armature of a d.c. machine. D. S. Iampolskii, T. A. Orlova. *Elektr. tekhnika* 30 no. 12 28-30 D '67.

Effect of the nature of chemical bond on electroconductivity of vitreous semiconductors. Z. U. Borisova. *Zhur. fiz. khim.* 41 no. 8 1042-1045 Ag '67.

Electrical marine engineering in Russia. A. A. Azovtsov, G. I. Kitarenko, A. V. Kurlenkov. *Sudost. oenie* 57 no. 11 50-53 N '67.

Kulja, V. I. [Orthogonal filters] Ortogonal'nye fil'try. Kiev, "Tekhnika," 1967 240 p.

Nomograms for calculating the optimal quantity of spare elements. O. G. Alekseev, I. M. Pedorov. *Izv. vyz. ucheb. zav., prib.* 9 no. 1 146-151 '66.

Petrov, I. V. [Theoretical principles of electrical engineering and electrical measurements] Teoreticheskie osnovy elektrotekhniki i elektromerentia. Moskva, "Kolos," 1967. 399 p. (Uchebniki i uchebnye posobiya dlia sel'skokhoziaistvennykh tekhnikumov).

Physical properties of electrical insulating material with a silicon nitride and magnesium oxide base. T. V. Andreeva, V. K. Kazakov, A. A. Rogozinskaya. *Teplofiz. vys. temp.* 5 no. 4 612-615 D '67.

Properties of contactors obtained by a thermal compression method. E. E. Evtov, N. N. Evtova. *Izv. vyz. ucheb. zav., prib.* 10 no. 11 117-123 '67.

Rate of dissolution of vitreous semiconductor AsGeTe alloys in nitric acid. Z. U. Borisova, V. R. Panus, O. V. Binskaia. *Vest. LGU* 22 no. 10 137-141 Ag '67.

Slezhanovskii, O. V. [Reversible d.c. drive] Reversivnyi elektropriivod postoiannogo toka. [Moskva] "Metal-lurgiya," 1967. 422 p.

Study of the cooling of LF-type resistors by a free flow of air. E. M. Bondarenko, B. G. Dorofeev, L. I. Matveev. *Elektrotekhnika* 38 no. 12 51-52 D '67.

- [Textbook on theoretical fundamentals of electrical engineering (network theory)] *Zadachnik po teoreticheskim osnovam elektrotekhniki (teoriia tspey)*, Izd. 2, per. Pod obshch. red. K. M. Polivanova. Moskva, "Energia," 1967, 255 p.
- Thermodynamic analysis of melts of semiconductor compounds of the AlN-BV type. V. B. Umirtsev, V. N. Vigdorovich, A. N. Krestovnikov. *Zhur fiz khim.* 41 no. 8 2041-2041 Ag '67.
- Training of senior students for work in the field of electric engineering. V. I. Polakov. *Shkola i proizv.* 10 no. 8 11-17 Ag '66.
- Transistorized pulse chopper. O. I. Vavilin. *Khol. tekhn.* 11 12-13 N '67.
- Vibrational stability of brush-collector assemblies of electrical machines. M. I. Gossman and others. *Elektrotekhnika* 38 no. 12:50 D '67.
- 621 3(471.310)—Moscow City
Some of the best. *Sied. spets. obr.* 11 no. 11 6-8 N '67.
- 621 3(471.51)—Udmurt A. S. S. R.
Reshetov, A. A. [There is a factory on the Kama River]. *Est' na Kame zavod. Izhevsk, "Udmurtia,"* 1955 110 p.
- 621 3(471.83)—Stavropol Territory
Rural electricians of Stavropol Territory report. K. Tereshkin. *Sel'sk. stroit.* 18 no. 3 19 Mi '64.
- 621 3(477)—Ukrainian S. S. R.
Some problems of preparing for the new methods of management. R. Dacnman, I. Kapyvka. *Pracn Rad Ukr.* 10 no. 6 41-44 Je '67.
- 621 3(479.25)—Armenian S. S. R.
Enterprises which were awarded orders. *Glorious path Prom. Arm.* 9 no. 9 3-11 '66.
- New designs in production. R. Pakhlevanian, E. Grigorian. *Prom. Arm.* 9 no. 9 17-19 '66.
- 621.31 POWER SUPPLY, DISTRIBUTION AND CONTROL
Analysis of existing conditions of power supply to traction equipment on open-cut mine transportation lines and problems of improving them. V. E. Pashukan, I. U. V. Guliyev. *Sbor nauch. trid IINII* 8 166-171 '67.
- Analyzing the scattering power of arc welding circuit triodes of a semiconductor source. N. M. Trofimov. *Svar proizv.* no. 1 10-12 Ja '68.
- Certain aspects of the work of planning systems of pulse-width feed. V. D. Flora. *Sbor nauch. trid, IINII* 8 83-85 '67.
- Determination of self-inductance and mutual inductance of sections of d. c. machines without equalizers in the armature windings. O. R. Manryka. *Elektrotekhnika* 38 no. 12:31-35 D '67.
- Determining specific unit norms of the consumption of electric energy when pumping oil by subsurface pumps from crooked wells. A. G. Mistr-zade. *Izber. naft. Khoz.* 41 no. 9 32-34 S '65.
- Effect of annealing on the anisotropy of magnetic viscosity of single crystals of some ferrites. R. V. Telesnin, K. T. Makarov. *Vest. Mosk. un. Ser. 3 Fiz., astron.* 22 no. 6:18-24 N-D '67.
- Give cables daily care. E. F. Cherpak. *Vest. protivovozv. obor.* no. 9 68-70 S '67.
- Increase of efficiency in electric power recovery. N. L. Fuks. *Zh. dor. transp.* 49 no. 7 59-63 Ji '67.
- Makishov, N. F. [Reactive power, power factor and means for improving it. Lecture on the course "Electrical drives and use of electrical energy in agriculture," for students of correspondence schools of the engineering faculty] *Reaktivnaya moshchnost', koeffitsient moshchnosti i sposoby ego uluchsheniya. Lektsiya po kursu "Elektr. privod i primeneniye elektricheskoy energii v sel'skom khoziaistvo," dlia studentov-zachetnikov inzhenernogo fakul'teta.* Moskva, 1967, 28 p.
- Numerical calculation of transients in an electric network. Ch. M. Dzhuvarly, L. V. Dmitriev. *Izv. AN Azerb. SSR, Ser. fiz., tekhn. i mat. nauk* no. 3/4:93-100 '67.
- [Operation and maintenance of explosion-proof electric equipment for the petroleum, gas, and chemical industries] *Ekspluatatsiya i remont vzryvozashchishchennoy elektrooborudovaniia dlia neflianoi, gazovoi i khimicheskoi promyshlennosti. Pod obshch. red. V. A. Khorunzhego.* Moskva, "Nedra," 1967, 315 p.
- Probability of dangerous overvoltages due to thunderstorms on the neutral of a transformer in a 110 kw network. Ch. M. Dzhuvarly, M. M. Mustimov. *Izv. AN Azerb. SSR, Ser. fiz., tekhn. i mat. nauk* no. 3/4:114-118 '67.
- [Reference data on electrical equipment] *Spravochnye dannye po elektrooborudovaniu.* Moskva, "Energia," T. 3. [General purpose low-voltage equipment] *Elektricheskaya apparatura nizkogo napriazheniia obshchego pimeneniia.* 1967, 290 p.
- Repairing a megohmmeter. E. V. Chechenin. *Vest. protivovozv. obor.* no. 9 82-83 S '67.
- Results of tests of A.C. electric locomotives with diesel generator installations having independent power supply. L. I. Bulakh. *Sbor nauch. trid IINII* 8:88-109 '67.
- Shape of the voltage curve at the outlet of a three-phase inverter on thyristors. A. A. Efendzade, B. A. Listengarten, I. U. M. Kurdiukov. *Izv. AN Azerb. SSR, Ser. fiz., tekhn. i mat. nauk* no. 3/4 101-108 '67.
- State standards on magnetic quantities and means for transmitting units to subscribers. E. T. Chernyshev, E. M. Chichurina. *Izv. tekhn.* no. 11-90-95 N '67.
- Use of homopolar generators without a ferromagnetic magnetic circuit for feeding electrophysical apparatus in magnetohydrodynamic studies. B. L. Alievskii, A. L. Bertinov, A. G. Sherstnik. *Mag. gidr.* no. 4 145-142 '67.
- 621 31(477)—Ukrainian S. S. R.
Supplying agriculture with electric energy. B. Fishchuk. *Ekon. Rad. Ukr.* 10 no. 6 71-71 Je '67.
- 621 31(571.51)—Krasnoyarsk Territory
Ifer in Divnogorsk. I. Kazlurin. *Sov. voen.* 49 no. 23:38-39 D '67.
- 621.311 POWER GENERATION, SUPPLY POWER STATIONS
[Achievements of science and technology: Electric power plants, networks and systems, optimal seasonal operating conditions of power systems. Grounding of high-tension electric power transmission lines and substations. Protection of substations and rotating machines from lightning surges] *Izbr. nauki i tekhniki. Elektricheskii stantsii, seti i sistemy, optimal'nye sezonnyye rezhimy energeticheskikh sistem. Zashchita podstantsii i vysokogo napriazheniia. Grozozashchita podstantsii i vraschataushchikhsia mashin.* 1964, Moskva, 1966, 336 p. (Series: *Elektrotekhnika i energetika*).
- Aesthetics in power systems design. A. F. Mardet. *Energ. i elek.* no. 5 31-40 S-O '67.
- Arsen'ov, I. B. [Similarity theory in engineering economic calculations] *Teoriia podobliia v inzhenernykh ekonomicheskikh raschetakh.* Moskva, "Vyssh. shkola," 1967, 261 p.
- Characteristics of reparability of automatic equipment of thermal electric power plant. M. A. Iastichenetski, B. L. Solomat, G. P. Komarov. *Teplotekhnika* 13 no. 9 39-42 S '66.
- Contents of the periodical "Teplotekhnika" for 1966. *Teplotekhnika* 13 no. 12 92-96 D '66.
- Dubrovskii, V. V. [Study of underground waters for water supply of power plants, methodological manual] *Izyskaniia podzemnykh vod dlia vodosnabzheniia energeticheskikh ob'ektov, metodicheskoe posobie.* Izd. 2-o, pererabot. i dop. Moskva, "Energia," 1967, 196 p.
- Graphic analysis method for selecting optimum conditions of the electric power supply to ore dressing plants. S. A. Volotkovskii, V. P. Apenko, L. A. Khodak. *Gor. elektromekhn. i avtom.* no. 6 12-15 '66.
- Indices of failureless operation and of the reparability of the heat control equipment of electric power plants and methods for determining them. M. A. Iastichenetski, and others. *Teplotekhnika* 14 no. 7 25-29 Ji '67.
- List of articles marked for publication in 1967. *Teplotekhnika* 13 no. 12 89-91 D '66.
- Mobile electric power plants with power take-off. I. A. Zvezdun. *Izbr. i kach.* 31 no. 9 70 S '67.
- Performance of the 1GD100 gas diesel generator at an increase and drop of loading. A. S. Epshtcin, I. D. Polovintin. *Dvig. vnutr. sgor.* no. 5 61-76 '67.
- Problems of ash removal in present-day power engineering development. V. G. Gribenkin. *Teplotekhnika* 13 no. 9 42-44 S '66.
- Published by the "Tekhnika" publishing house for power engineers. M. G. Pisarenko. *Energ. i elek.* no. 5 55-56 S-O '67.
- Riabinskii, I. A. [Principles of the theory and design of marine electric-power systems] *Osnovy teorii i rascheta nadezhnosti sudovykh elektroenergeticheskikh sistem.* Leningrad, "Sudostroenie," 1967, 361 p.
- Selection of electric drive and results of testing long-stroke drills for soft rocks. S. I. Sidorov. *Gor. elektromekhn. i avtom.* no. 6 113-118 '66.
- Standards on engineering design of the chemical shops of thermal electric power plants. *Teplotekhnika* 13 no. 9 87-92 S '66.
- Survey of magazine articles on the automatic control of thermal power generating systems. *Teplotekhnika* 14 no. 7 92-94 Ji '67.
- 621.311(477)—Ukrainian S. S. R.
Automatic control of thermal processes in electric power plants in the Ukraine. O. V. Pometantsev. *Energ. i elek.* no. 5 41-43 S-O '67.
- Khar'kov electric utility system during the past 50 years. P. F. Baustentov and others. *Energ. i elek.* no. 5:12-21 S-O '67.
- Power generation in Kiev. G. V. Romashchenko. *Energ. i elek.* no. 5:22-25 S-O '67.
- Power generation in the Bug Valley and the Dniester Valley. D. I. Karpenko. *Energ. i elek.* no. 5:26-28 S-O '67.
- 621.311(477.9)—Crimea
Power generation in Crimea. V. I. Goriyshev. *Energ. i elek.* no. 5:29-32 S-O '67.
- 621 311(575.3)—Tajik S. S. R.
Klopov, S. V., and V. A. Rylovskii. [Industrial power complex of southern Tajikistan] *Energo-promyshlennyy kompleks Iuzhnogo Tadzhikistana.* Moskva, Nauka, 1967, 107 p.
- 621 313 ELECTRIC MACHINES, GENERATORS, MOTORS
Aleksceva, M. M. [Machine generators with increased frequency] *Mashinnye generatory povyshshennoi frekv. Leningrad, "Energia,"* 1967, 343 p.
- Barenbo, K. N., and L. M. Bernshteyn. [Drying, selection, and compounding of the windings of electrical machines] *Sushka, propitka i kompozitsionnye elektricheskikh mashin.* Izd. 2-o, Isp. i dop. "Energia," 1967, 302 p.
- Calculating the distribution potential along the axis of a magnetohydrodynamic generator by means of equivalent circuits. L. I. Ustimenko. *Energ. i elek.* no. 5 no. 1 676-683 Ji-Ag '67.
- Calculation of braking characteristics of synchronous drives of mine hoisting machines. A. I. Ivashchenko, V. A. Bilenko. *Elektrotekhnika* 38 no. 10-11 D '67.
- Calculation of the characteristics of regulated synchronous motors. G. V. Ivanova. *Elektrotekhnika* 38 no. 11 55 D '67.
- Collectorless d. c. amplidyne. A. I. Skorospelkin. *Energ. i elek.* no. 5 150-151 '66.
- Commutation of an amplidyne with a magnetic core. A. I. Skorospelkin. *Izv. TPI* 152 100-111 '66.
- Design of automatic excitation control systems for synchronous motors with large excitation. N. I. G. G. Elektrotekhnika 38 no. 12:10-20 Ji '67.
- Determining the value of biphasic short-circuit currents taking into account the influence of a synchronous motor. I. U. A. Kochkarov. *Gor. elektromekhn. i avtom.* no. 6 33 '66.
- Diagram of automatic control of synchronous motors with resynchronization under a load. I. M. Il'inskiy and others. *Izv. vyz. ucheb. zav. i nauch. issled.* no. 80-81 '67.
- Discrete generator of sinusoidal signals. I. I. Il'inskiy, A. I. Stepanishin. *Izv. vyz. ucheb. zav. i nauch. issled.* no. 11 15-47 '67.
- Dynamic characteristics of electrical drives with positive feedback. I. A. Gutnikov, V. I. Kozlovskii. *Elektrotekhnika* 38 no. 12:11-14 D '67.
- Dynamic elements of the electric drive on the gear of single-bucket excavators. I. I. Polovintin. *Gor. elektromekhn. i avtom.* no. 6:16-23 '66.
- Dynamic overloads during starts and reverses of synchronous squirrel-cage motors. M. I. Shaparev. *Elektrotekhnika* 38 no. 12:6-9 D '67.
- Dynamics of push-pull electromagnetic vibration in half-wave rectifiers. Z. E. Filon. *Gor. elektromekhn. i avtom.* no. 6:83-88 '66.
- Effect of the technology of manufacture of coils on the quality of large electrical machines. I. M. Il'inskiy. *Elektrotekhnika* 38 no. 12:50 D '67.
- Electric equipment for continuous salt and soda machines. A. M. Varshavskii. *Gor. elektromekhn. i avtom.* no. 6:34-40 '66.
- Experimental study of the electric conductivity of a plasma in magnetohydrodynamic generators. V. N. Gerasimov, V. N. Gerasimov. *Izv. TPI* 152 562-567 Ji-Ag '67.
- Frequency converter using a transistorized thyristor. E. F. Obergan, A. L. Skorospelkin. *Izv. TPI* 152 108 '66.
- Impulse excitation system of electrical machines with thyristors with electronic commutation. A. I. Kitayeva. *Izv. TPI* 152 156-159 '66.
- Mathematical modeling of electromagnetic processes in a surge generator. A. V. Loos, G. A. Sipalov. *Izv. TPI* 152-124-130 '66.
- Makishov, N. F. [Reactive power, power factor and means for improving it. Lecture on the course "Electrical drives and use of electrical energy in agriculture," for students of correspondence schools of the engineering faculty] *Reaktivnaya moshchnost', koeffitsient moshchnosti i sposoby ego uluchsheniia. Lektsiya po kursu "Elektr. privod i primeneniye elektricheskoy energii v sel'skom khoziaistvo," dlia studentov-zachetnikov inzhenernogo fakul'teta.* Moskva, 1967, 28 p.
- Operation of cold electrodes in the channel of a magnetohydrodynamic generator. L. A. Vulin, V. I. Goriachev, V. T. Iaglenko. *Teplotekhnika* 13 no. 4 685-693 Ji-Ag '67.
- Optimal speed control of a motor with independent excitation and two-control actions. I. U. A. Il'inskiy, I. P. Smolnikov. *Izv. vyz. ucheb. zav. i nauch. issled.* no. 80-81 '67.
- Reaction of the armature of a surge generator. A. V. Loos, G. A. Sipalov, K. A. Khokhlov. *Izv. TPI* 152 123 '66.
- Selection of the damper winding of a surge generator. G. A. Sipalov, L. V. Loos. *Izv. TPI* 152 111 '66.
- Semiconductor d. c. collector. E. F. Obergan, A. L. Skorospelkin. *Izv. TPI* 152 94-102 '66.
- Some problems of analysis of the states of voltage control systems using transistorized voltage regulators. F. F. Barsov. *Elektrotekhnika* 38 no. 12:20-24 D '67.

Some problems of the analysis of the fluctuation of initial torque of small-sized asynchronous micromotors. B.A. Tsyupkin. *Elektrotehnika* 38 no. 12:35-37 D '67.

Some results of tests made on a model on an magneto-bydynamically generated oscillating system with two degrees of freedom together with the motor in the presence of internal resonance. O. I. Kazakevich and others. *Teplofiz. vys. temp.* 5 no. 4:684-688 11-Ag '67.

Study of a d.c. and a c. amplidyne. A. I. Skorospelkin, B. I. Kostylev, Sh. S. Roiz. *Izv. TPI* 152:87-93 '66.

Studying the dynamics of an oscillating system with two degrees of freedom together with the motor in the presence of internal resonance. V. K. Pismakov, Z. I. Filat. *Goi. elektromekh. i avtom.* no. 6:78-82 '66.

Use of stepping motors in feeders of high-speed presses. V. A. Kulagin. [Nauch. trudy] ENIKMASIA no. 16:68-74 '67.

621 314 TRANSFORMATION TRANSFORMERS, ETC

Approximate method of computing the magnetic field of a coil without a steel core. D. M. Shukhin. *Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp.* no. 11:93-102 '66.

Checking pulse transformers in series production. S. S. Vdovin. *Izm. tekhn.* no. 8:78-79 Ag '67.

Decrease in electrodynamic forces in transformer windings. G. V. Del', V. P. Kravnov, I. D. Kutavlin. *Izv. TPI* 152:40-45 '66.

Determining the service life of the switching mechanism of an RNT-13 transformer. A. I. Ustin. *Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp.* no. 14:62-69 '68.

Effect of counter e.m.f. on the dynamic properties of electromechanical converters (EMP). I. A. Sablin. *Izv. vys. ucheb. zav., prib.* 10 no. 11:39-41 '67.

[Electric rolling stock with semiconductor converters] *Elektropodv'iznoi sostav s poluprovodnikovymi preobrazovatel'nymi*. Moskva, "Transport", 1967. 307 p.

Evaluating the forcing factor of static excitation systems with a booster transformer. A. S. Ostoyak, V. V. Ilyin. *Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp.* no. 11:81-91 '66.

Experimental determination of zero-sequence parameters of three-phase transformers. O. B. Kiselev, N. I. Chernoplatov. *Elektrotehnika* 38 no. 12:38-39 D '67.

Experimental study of current distribution on the parallel sections of a transformer winding. M. A. Rogatskin. *Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp.* no. 11:51-54 Ag '67.

Hidden potentials in continued improvement of transformers. I. D. Kutavlin, L. I. Volonova. *Izv. TPI* 152:61-67 '66.

Inductance of the input reactor in autonomous inverter systems. A. V. Donskoi, V. V. Smolov. *Elektrotehnika* 38 no. 12:39-41 D '67.

Method of computation and the characteristics of a transformer with a contactless voltage regulation and limiting of short-circuit current. R. N. Umanov and others. *Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp.* no. 11:12-14 '66.

Razmadze, Sh. M. [Converter networks and systems] *Preobrazovatel'nye skhemy i sistemy*. Moskva, "Vyssh. shkola", 1967. 527 p.

[Semiconductor rectifiers] *Poluprovodnikovye vypramlitel'i*. Pod red. F. I. Kovaleva i G. P. Mostkov. Moskva, "Energiya", 1967. 479 p.

Simplified method for technical and economic calculation of three-phase double-winding power transformers. G. V. Del', *Izv. TPI* 152:80-73 '66.

Some technical and economic studies of stationary single-phase two-winding transformers. I. D. Kutavlin, V. P. Kravnov, G. V. Del'. *Izv. TPI* 152:46-55 '66.

Special features of current distribution in sections of secondary windings of converter transformer according to the star and Y-delta schemes. M. A. Rogatskin. *Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp.* no. 14:57-61 '66.

System of static self-excitation with a series-connected booster transformer. V. V. Lange, I. A. I. Fishler. *Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp.* no. 14:70-83 '66.

The 35kV transformer with a contactless voltage regulation. I. A. I. Fishler, R. N. Umanov, V. V. Lange. *Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp.* no. 14:16-24 '66.

Use of aluminum windings in three-phase 110 kv power transformers. I. D. Kutavlin, G. V. Del'. *Izv. TPI* 152:57-63 '66.

621 315 TRANSMISSION LINES CABLES WIRING, ETC.

Automatic measurement of a cable using the method of transferring magnetic markings. R. S. Arakelov. *Izv. vys. ucheb. zav., prib.* 10 no. 6:95-96 '67.

Cascade starting systems for the drives of mining machinery and mechanisms with high-capacity short-circuited asynchronous motors. S. P. Vasil'evskii. *Goi. elektromekh. i avtom.* no. 6:130-137 '66.

A combined system of electric communication channel. I. S. Kravtchenko. *Izv. vys. ucheb. zav., prib.* 10 no. 10:95-98 '67.

Methodology for selecting the parameters of test waves producing a switching action on the insulation of high-voltage cables. A. V. Vorobiev, I. I. Kallatskii, V. F. Pannin. *Izv. TPI* 152:1-14 '66.

Spreading-out of current from groundings in arcs with permittivity. V. P. Chumachenko, N. N. Maksimenko. *Izv. TPI* 152:142-150 '66.

621 316 DISTRIBUTION AND CONTROL SWITCH-GEAR, ETC

[Achievements of science and technology. Electric power plants, networks and systems, optimal seasonal operating conditions of power systems. Ground of high-tension electric power transmission lines and substations.] Protection of substations and rotating machines from lightning surges. [Itogi nauki i tekhniki. Elektricheskii stantsii, seti i sistemy, optimal'nye sezonnyye rezhimy energeticheskikh sistem. Zashchita ushchle ustroistva na liniiakh elektropredachi i podstantsiakh vysokogo nap'izhenia. Grozozashchita podstantsii i v'isshchaliushchikh mashin, 1964. Moskva, 1966. 336 p. (Seriya. Elektrotehnika i energetika).]

Automatic voltage regulation in an overhead contact network. M. I. Kicnerman. *Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp.* no. 14:3-15 '66.

Development of organizational forms in power systems administration. O. S. Butlaka. *Energ. i elek.* no. 5:53-54 S-O '67.

Dispatcher control of rural electrical systems. N. M. Zhuravlev. *Energ. i elek.* no. 5:50-52 S-O '67.

Dynamic model of a trigger regulator with a magnetoelectric drive. L. A. Komiaz. *Mekh. i avtom.* no. 1:10-12 11-Ag '67.

Effect of the working time of a relay on the behavior of an automatic control system. N. N. Miasnikov. *Izv. vys. ucheb. zav., prib.* 9 no. 1:47-52 '66.

Electrification in agriculture in the Ukraine. V. M. Tsvib. *Energ. i elek.* no. 5:44-49 S-O '67.

Equipment of dynamic compensation of electric current regulators in electric drives carrying the ship. B. V. Brignelevich. *Stal'* 27 no. 12:1141-1143 D '67.

Experimental testings of overvoltage during the switching of semiconductor power rectifiers. G. G. Pivnitskii. *Goi. elektromekh. i avtom.* no. 6:21-28 '66.

Film-type DMF Hall transducers made of indium arsenides. S. G. Shul'man. *Izm. tekhn.* no. 8:59-60 Ag '67.

Following the Lenin path to electrification. K. M. Pobegailo. *Energ. i elek.* no. 5:3-11 S-O '67.

Improved KSh-type relay. *Avtom., telemekh. i svyaz'* 11 no. 4:41 Ap '67.

1.5kV-600 relay in a two-wire network of a switch. P. N. Zhil'tsov. *Avtom., telemekh. i svyaz'* 11 no. 4:41 Ap '67.

Kozhin, A. N., and V. A. Rubinechik. [Relay protection of lines with branch lines] *Rel'evnaya zashchita lini s otvetveniyami*. Moskva, "Energiya", 1967. 262 p.

Switching circuits with transformer-type contactless track switches. I. U. N. Ivanskii. *Elektrotehnika* 38 no. 12:24-28 D '67.

Two-channel systems of astatic speed control of d.c. motors. S. R. Mzurnin, S. I. Skrypnik. *Elektrotehnika* 38 no. 12:1-6 D '67.

Use of a low-frequency inductive parameter without d.c. magnetization in short-circuit to ground protection systems in networks with insulated neutral lines. R. A. Vainshteyn, A. V. Shalov. *Izv. TPI* 152:71-80 '66.

Use of high-vacuum in dischargers. I. E. Korpelova. *Elektrotehnika* 38 no. 12:47-48 D '67.

621 317 MEASUREMENTS. INSTRUMENTS AND INDICATORS

Connecting rheostatic converters into bridge circuits. N. I. Bokhan, A. M. Dmitriev. *Izm. tekhn.* no. 8:51-54 Ag '67.

Decreasing errors of transformer-type magnetoelastic transducers. M. I. Stoilun. *Izm. tekhn.* no. 8:61-64 Ag '67.

Development of electric measuring instruments in the current five-year period. V. K. Vyskrebantsev. *Izm. tekhn.* no. 8:42-43 Ag '67.

Development of the thermophysical instrument in our country during the past 50 years. G. N. Dufnev, E. S. Platonov. *Izv. vys. ucheb. zav., prib.* 10 no. 10:116-121 '67.

Device measuring nonlinear distortions using their structural characteristics. A. M. Zaczudnyi and others. *Izv. vys. ucheb. zav., prib.* 10 no. 11:22-27 '67.

Dynamic electrometer with low input capacitance. T. M. Ailev and others. *Izv. vys. ucheb. zav., prib.* 9 no. 1:20-34 '66.

Errors of one method for measuring contact resistance. A. T. Mel'nikov. *Izv. vys. ucheb. zav., prib.* 10 no. 11:28-32 '67.

Filipov, A. M. [Electrical measurements in rural telephone networks] *Elektricheskie izmereniya lini sel'skikh telefonnykh setei*. Moskva, "Svyaz", 1967. 112 p. (Itogi nauki i tekhniki).

Flaw detection in complex electric circuits. I. U. A. Perikov, A. V. Rubev. *Stand. i kach.* 31 no. 9:38-40 S '67.

The high-sensitivity F-3 ferrimeter. G. F. Ivanov, D. N. Chekurina. *Izm. tekhn.* no. 8:72-76 Ag '67.

Increasing accuracy in the measurement of resistors. N. P. Tur. *Avtom., telemekh. i svyaz'* 11 no. 4:37 Ap '67.

Instrument for integral evaluation of intensity of sparking of collector-type d.c. machines. V. A. Lomakin. *Izv. vys. ucheb. zav., prib.* 10 no. 11:109-112 '67.

Magnetic anemometer. I. U. A. Vdovin, G. S. Korzunin, B. K. Sokolov. *Izm. tekhn.* no. 8:56-58 Ag '67.

Magrachev, Z. V. [Single-pulse voltmeters] *Vol'tmetry odnochukh impul'sov*. Moskva, "Energiya", 1967. 112 p. (Itogi nauki i tekhniki. Vyp. 202).

Means for constructing apparatus for automatic checking of indicating electric measuring instruments. A. I. Bezikov, D. I. Zoln, S. P. Eskin. *Izm. tekhn.* no. 11:101-107 N '67.

Measurement of rather small displacements using inductive transducers. I. U. G. Khachatov, O. I. Blokh. *Izv. vys. ucheb. zav., prib.* 9 no. 1:11-16 '66.

Measurement of the electrical parameters of a track line. I. Z. Skrypin, I. V. Sobolev, F. D. Ist. *Avtom., telemekh. i svyaz'* 11 no. 4:20-22 Ap '67.

Measuring amplifiers in instrument manufacture. G. V. Vorshilov, V. A. Baranovskii. *Izv. vys. ucheb. zav., prib.* 10 no. 10:45-50 '67.

Method for measuring small resistances and capacitances. A. A. Bakhtuzin, V. S. Popov. *Izv. vys. ucheb. zav., prib.* 9 no. 1:35-40 '66.

Numerical values of the diffraction correction for a double-beam interferometer with one closed arm. G. S. Simkin, S. P. Gerasimova, S. V. Sikora. *Izm. tekhn.* no. 8:86-87 Ag '67.

Petrov, I. V. [Theoretical principles of electrical engineering and electrical measurements] *Teoreticheskie osnovy elektrotekhniki i elektromezheniya*. Moskva, "Kolos", 1967. 399 p. (Uchebniki i uchebnye posobie dlia sel'skokhoziaistvennykh tekhnikumov).

Phase-amplitude methods for separate balancing of current comparison networks. I. U. A. Skrypnik, V. P. Karpenko. *Izv. vys. ucheb. zav., prib.* 9 no. 1:23-28 '66.

Ponderomotive meter of light pulse energy. V. B. Braginskii and others. *Izv. vys. ucheb. zav., prib.* 10 no. 10:109-115 '67.

Precise measurement of impedances with capacitive nature. E. A. Bugditskaya, V. P. Karpenko. *Izm. tekhn.* no. 8:44-47 Ag '67.

Selection of the form and placement of an oscillatory element of an electromechanical densitometer. M. M. Malovichko, M. P. Trachenko, V. A. Anisiev. *Izv. vys. ucheb. zav., prib.* 10 no. 11:18-21 '67.

Selection of the passband of noise measuring units. I. U. A. Polivkov. *Izv. vys. ucheb. zav., prib.* 9 no. 1:14-16 '66.

Selective amplifier indicator for bridge circuits. D. I. Maltushin. *Izm. tekhn.* no. 8:93-94 Ag '67.

Standard electrical units and transmission of the dimensions of units of measures and instruments. N. I. Aramutov and others. *Izm. tekhn.* no. 11:84-89 N '67.

Superhigh-frequency phase meters of plasma diagnostics. N. I. Malykh, E. S. Ampol'skii. *Teplofiz. vys. temp.* 5 no. 4:704-712 11-Ag '67.

Work of the All-Union Scientific Research Institute of Metrology on phase measurements. E. D. Koltik, S. A. Kravchenko, I. K. Pozdnakov. *Izm. tekhn.* no. 11:96-100 N '67.

621 318 APPLIED MAGNETISM MATERIALS AND APPARATUS

High-precision noncontact time relay. L. V. Shirokov. [Nauch. trudy] ENIKMASIA no. 16:80-87 '67.

Insulation of the forms of heat-resistant coils. D. A. Abramishvili, V. O. Brzhezanskii, V. I. Parkhomenko. *Elektrotehnika* 38 no. 12:41-42 D '67.

Unilateral magnetic attraction in the parasitic gap of a d.c. electromagnet. A. I. Maksimov. *Elektrotehnika* 38 no. 12:53-54 D '67.

621 319 APPLIED ELECTROSTATICS

Ceramic capacitors for radio interference suppression in the starters of fluorescent lamps. Kh. S. Valeev, V. A. Kulazev, D. S. Pivhanova. *Elektrotehnika* 38 no. 12:48-49 D '67.

Distribution of potential along the rotor of an electrostatic generator. V. D. Es'kov. *Izv. TPI* 152:32-39 '66.

Microwatt power high-voltage sources. N. E. Zaev, R. P. Kuz'mina. *Elektrotehnika* 38 no. 12:46-47 D '67.

621 320 ELECTRIC LIGHTING EQUIPMENT. LAMPS

Davydov, I. A. M. [Gas-discharge light sources] *Gazorazrjadni dzhereia svitla*. Kyiv, "Tekhnika", 1965. 87 p.

621 320 LASERS

Apparatus for measuring the fundamental parameters of lasers. A. V. Kubarov and others. *Izm. tekhn.* no. 11:20-23 N '67.

Attenuation of laser radiation in an artificial water fog. V. I. Bukaty and others. *Izv. vys. ucheb. zav., prib.* 10 no. 8:142-144 '67.

Calculating the frequency and intensity of the optical generation in a one-dimensional instance. A. P. Khapaluk. *Zhur. prikl. spekt.* 7 no. 4:578-583 O '67.

Calculating the losses in lasers when an absorber is present in the resonator. A. A. Kovalev, V. A. Pilipovich, I. U. V. Razvin. *Zhur. prikl. spekt.* 7 no. 6:940-942 D '67.

Calorimetric gauge for measuring high levels of laser radiation intensity. V. M. Kuz'michev, N. G. Kokodil, R. A. Valitov. *Trudy VNIITRI* no. 90:37-39 '67.

- Decreasing the generation period of a ruby laser. R. I. Chirkin, A. M. Saitzhevskii. Zhur. prikl. spekt. 7 no. 4 618-620 O '67.
- Demonstrations with gaseous lasers. V. S. Mikhalevskii, V. I. Papakin, M. F. Sem. Izv. vuz. ucheb. zav., fiz. 10 no. 8 156-158 '67.
- Designing lasers with a small diameter for the gas-discharge tube. V. I. Matveev. Zhur. prikl. spekt. 7 no. 6 950-953 D '67.
- Determining the function of the coherence of radiation of a ruby laser according to diffraction observations. E. S. Voropaev, A. M. Sar'chevskii, B. A. Sotskii. Zhur. prikl. spekt. 7 no. 6 834-837 D '67.
- Feasibility of frequency variation in a gaseous laser. L. N. Tunitskii, E. M. Cherkasov. Zhur. tekhn. fiz. 37 no. 11 2038-2040 N '67.
- Feasibility of intensifying the damping of nonaxial modes of a laser. I. V. Kanatov. Opt.-mekh. prom. 34 no. 10 9-12 O '67.
- Field tests of a goniometer equipped with a gaseous laser. A. V. Gordinov and others. Good. i. kait. no. 12 7-13 D '67.
- A four-level rigid-body laser of periodic action. A. A. Mak, A. I. Stepanov. Opt.-mekh. prom. 34 no. 10 17-22 O '67.
- Gas laser LG-126. Zhur. prikl. spekt. 7 no. 6 966-967 D '67.
- Gaseous laser LG-106. Zhur. prikl. spekt. 7 no. 4 631-632 O '67.
- Giant pulses on $\text{CaF}_2 \cdot \text{Dy}^{2+}$ crystals. V. V. Kostin and others. Zhur. prikl. spekt. 6 no. 1-33-35 Ja '67.
- Induced emission from neodymium-activated $\text{SrF}_2 \cdot \text{LaF}_3$ crystals at room temperature. A. A. Kaminskii, V. V. Osiko, V. T. Udovchik. Zhur. prikl. spekt. 6 no. 1 40-44 Ja '67.
- Kinetics of physical processes in a CO_2 laser. B. F. Gordiets, N. N. Sobolev, L. A. Shelepin. Zhur. eksp. i teor. fiz. 53 no. 5, 1822-1831 N '67.
- Limit of the duration and energy of the free generation of a ruby laser determined by the adiabatic heating of the crystal. A. S. Rubanov, A. V. Chailo. Zhur. prikl. spekt. 7 no. 6 946-949 D '67.
- Losses in a solid laser with unconv. pumping. I. U. A. Aram'ev. Zhur. prikl. spekt. 7 no. 6 825-829 D '67.
- A method for narrowing the radiation spectrum from a ruby laser. V. V. Antsiferov, G. V. Kivshchikov, K. G. Polin. Izv. vuz. ucheb. zav., radiofiz. 10 no. 6 879-880 '67.
- On direct measurement of laser frequencies. M. J. Gertsenshtein. Izv. vuz. ucheb. zav., radiofiz. 10 no. 6 880-882 '67.
- Parameters of giant laser pulses in the case of prompt Q-switching. D. I. Stasenko, V. E. Khartsev. Zhur. prikl. spekt. 7 no. 6 838-841 D '67.
- Possibility of increasing the generation power in a mixture of CO_2 -N₂-He. R. P. Bokhan, I. S. Igozova. Zhur. prikl. spekt. 7 no. 6 951-955 D '67.
- Possibility of unidirectional generation in a traveling-wave gaseous laser. S. G. Zeiger. Dokl. AN SSSR 177 no. 3 554-556 N '67.
- Possible scheme of a laser with a passive shutter. B. B. Bosko and others. Zhur. prikl. spekt. 6 no. 6 36-39 Ja '67.
- Problem of measuring the intensification and losses in a helium-neon laser. B. P. Mitutskii, L. P. Ostapchenko, I. U. A. Aram'ev. Zhur. prikl. spekt. 7 no. 6 830-833 D '67.
- Pulsation theory in a ring laser. G. S. Kruglik. Zhur. prikl. spekt. 7 no. 1 569-577 O '67.
- Some results of investigating the $\text{Rb}(\text{H}_2\text{PO}_4)$ crystal as a frequency doubler of laser radiation. E. V. Nifov, I. L. Iachnev. Zhur. prikl. spekt. 7 no. 5 943-915 D '67.
- Sounding measurements of plasma parameters in a laser on xenon and mixtures of xenon in helium. A. M. Bonch-Bruyevich and others. Zhur. prikl. spekt. 7 no. 4 533-537 O '67.
- Spectum-time study on the emission from a $\text{CaF}_2 \cdot \text{Sm}^{2+}$ crystal on excitation by a ruby laser. V. M. Marchenko, A. M. Prokhorov. Dokl. AN SSSR 177 no. 3 557-559 N '67.
- Studying the principles influencing the character of the spectrum of a plasma obtained by means of a laser. A. I. Koruchikov, A. A. Iankovskii. Zhur. prikl. spekt. 7 no. 4 564-568 O '67.
- Studying various types of resonators for the purpose of producing a single-mode laser with optimum parameters. I. M. Belousova, O. B. Danilov. Zhur. tekhn. fiz. 37 no. 8 1518-1526 Ag '67.
- Synchronization of light pulses generated by a semi-conducting gallium arsenide laser. I. U. P. Zakharov and others. Zhur. eksp. i teor. fiz. 53 no. 5 1563-1565 N '67.
- Traveling-wave lasers operating on neodymium-activated glass. A. M. Bonch-Bruyevich and others. Zhur. tekhn. fiz. 37 no. 11 2031-2037 N '67.
- Use of a surface spark discharge for laser pumping. S. A. Andreev, M. P. Vanukov, E. V. Daniel. Zhur. tekhn. fiz. 37 no. 8 1527-1529 Ag '67.
- Using lasers for orientation of directions during mining. V. T. Zagorodnuk, V. L. Pavelko, V. T. Shabalinikov. Ugol. 43 no. 1-38-39 Ja '68.
- Using optical quantum generators in experimental biology and medicine. L. A. Piruzian and others. Eksp. i teor. fiz. 12 no. 6 10-14 N-D '67.

621.33 ELECTRIC TRACTION

- Advantages and disadvantages of AC electric locomotives, models # D100M and D94. B. N. Sakharov. Sbor. nauch. tr. EIINII 8 203-205 '67.
- Analyzing the performance of electric equipment in using self-propelled machines under underground conditions. N. F. Konov, O. A. Shol'. Trudy Inst. gor. i. d. 29 114-118 '67.
- Contact and battery DC electric switching locomotives with electronic control and AC locomotives with smooth automatic thyristor control. N. G. Vism. Sbor. nauch. tr. EIINII 8 76-82 '67.
- Converter for synchronizing electric power from d.c. overhead contact system. L. G. Koshcheev. Zhel. dor. transp. 49 no. 8 72-74 Ag '67.
- Defects in the design of AC and DC electric locomotives. I. U. A. Osokin. Sbor. nauch. tr. EIINII 8 175-178 '67.
- Designing high-power small induction coils. G. A. Anshev. Sbor. nauch. tr. RII/IT no. 37 64-81 '62.
- Development of electric traction transportation at enterprises of ferrous metallurgy. G. D. Zabelin. Sbor. nauch. tr. EIINII 8 41-51 '67.
- Electric locomotives are used efficiently. A. K. Lysenko. Zhel. dor. transp. 49 no. 9 47-50 S '67.
- [Electric rolling stock with semiconductor converters] Elektropodvzhozni sostav s poluprovodnikovymi preobrazovatelami. Moskva, "Transport," 1967. 307 p.
- Electrification of industrial railroads and basic parameters of electric locomotives. F. A. Khokhlov. Sbor. nauch. tr. EIINII 8 21-29 '67.
- Experience gained in operating 21E-1 electric locomotives. V. G. Kuznetsov. Sbor. nauch. tr. EIINII 8 206-212 '67.
- Experiment in reequipping contact and diesel electric locomotives and economy obtained as a result. A. K. Bulatov. Sbor. nauch. tr. EIINII 8 144-151 '67.
- Figuring out periods of time required for shunting electrical locomotive stock on open-cut lines by the speed drop method. G. T. Lyubkov. Sbor. nauch. tr. EIINII 8 238-241 '67.
- Flexible traffic schedule of suburban electric trains. I. D. Mit'kova. Zhel. dor. transp. 49 no. 8 26-28 Je '67.
- Improving traction characteristics of mine electric locomotives. V. D. Dukhobitnikov, I. U. P. Stehlinov. Gor. elektromekh. i avtom. no. 6 124-129 '66.
- Investigating the d.c. electric drive of working equipment mechanisms on underground excavators. A. P. Knyazhikov, S. S. Muzgin. Trudy Inst. gor. i. d. 29 122-129 '67.
- New rolling-stock current rectifying installations. Z. M. Rubchinskii, B. N. Rebrik, B. I. Khomikov. Zhel. dor. transp. 49 no. 9 69-74 S '67.
- On subject of individual measurements of the capacitance and conductivity of three-phase networks with insulated neutral lines. I. M. Ter-Oganestian. Sbor. nauch. tr. RII/IT no. 37 58-63 '62.
- Operation and repair of industrial DC electric locomotives of the EL-1 and EL-2 series. G. A. Skobitsyn. Sbor. nauch. tr. EIINII 8 185-195 '67.
- Optimum conditions of the performance of traction converter units in electric locomotive mine haulage. V. D. Fuzsov, G. G. Pivnak, V. D. Trifonov. Gor. elektromekh. i avtom. no. 6 13-17 '66.
- Organizing overhaul work on industrial DC and AC electric locomotives. A. V. Gubskii. Sbor. nauch. tr. EIINII 8 170-181 '67.
- Performance of a filtering installation of a traction substation with a reactor in the positive bus bar. B. S. Dolgopolskiy, O. L. Korolev. Sbor. nauch. tr. RII/IT no. 37 11-24 '62.
- Problems of the manufacture of electric locomotives. S. N. Elkin, V. P. Ivanov, S. N. Chernitskii. Zhel. dor. transp. 49 no. 8 63-69 Ag '67.
- Proposed future development of industrial railroad electric rolling stock. B. R. Bondarenko. Sbor. nauch. tr. EIINII 8 7-20 '67.
- Pulse regulation on electric loaders and switching locomotives. G. N. Givillov. Sbor. nauch. tr. EIINII 8 86-92 '67.
- Results of tests of AC electric locomotives with diesel generator installations having independent power supply. L. I. Bulakh. Sbor. nauch. tr. EIINII 8 98-109 '67.
- Selection of optimum capacity of industrial electric locomotives and the economic effect resulting from using motor car traction in open-cut mines. V. N. Lozinskii. Sbor. nauch. tr. EIINII 8 136-143 '67.
- Shielding of a single-phase overhead contact network with blocking by the third harmonic of the fundamental of the current curve. A. V. Kukarkin. Sbor. nauch. tr. RII/IT no. 37 26-34 '62.
- Small filtering installations of traction substations. B. S. Dolgopolskiy. Sbor. nauch. tr. RII/IT no. 37 3-10 '62.
- Technical and economic comparison of AC with DC traction for industrial railroads. L. A. Khokhlov. Sbor. nauch. tr. EIINII 8 55-68 '67.
- Technical and economic effectiveness of lifting speed limitations on passenger train traffic on electric lines. E. N. Gubenko, V. I. Evgrafov. Trudy DIT no. 70 21-29 '66.

Technical maintenance and repair of DC electric locomotives. O. L. Vorob'ev. Sbor. nauch. tr. EIINII 8 196-200 '67.

Testing electric locomotives with DC control. V. S. Potapov. Sbor. nauch. tr. EIINII 8 124-135 '67.

Using semiconductor rectifiers for mine electric locomotive traction. V. D. Fuzsov. Gor. elektromekh. i avtom. no. 6 101-112 '66.

[VL 60k electric locomotives. An instruction book] Elektrovoz VL 60k. Instruktsiya kniga. Moskva, "Transport," 1967. 327 p.

Varying cross section of wires in an overhead contact network. E. P. Figurnov. Sbor. nauch. tr. RII/IT no. 37 35-57 '62.

Way of increasing operational reliability of 156k and DC industrial locomotives. V. P. Penko. Sbor. nauch. tr. EIINII 8 152-156 '67.

621.33(471.5)—Ural regions

Electric traction at Uralsbest Combine enterprise. I. I. Chechulin. Sbor. nauch. tr. EIINII 8 213-222 '67.

621.33(471.54)—Sverdlovsk Province

Organization of repair work and the modernization of industrial electric locomotives at the Sverdlovsk electric locomotive repair plant. A. S. Kivshchikov. Sbor. nauch. tr. EIINII 8 73-75 '67.

621.33(477)—Ukrainian S.S.R.

Design of electric locomotives developed and manufactured at the Dnepropetrovsk electric locomotive plant. V. N. Bezuchenko. Sbor. nauch. tr. EIINII 8 19-22 '67.

621.35 APPLIED ELECTROCHEMISTRY. CHILDS BATTERIES. ELECTROLYSIS, FIC

Anodic processes on a lead-silver electrode in concentrated solutions of sulfuric acid. N. I. Khachatryan, R. I. Agladze. Sbor. AN Gruz. SSR 48 no. 2 463-464 S '67.

[Applied electrochemistry] Prikladnaya elektrokhemiya. Pod red. N. P. Fedot'eva. Izd. 2-o, ispr. i dop. Leningrad, "Khimiya," 1967. 600 p.

Bright zinc plating of steel articles in a pyrophosphate electrolyte. P. I. Kaluzhina, K. N. Pimenov. Zh. prikl. khim. 40 no. 9 1975-1980 S '67.

Effect of arsenic on hydrogen-treated steel during electrodeposition of cadmium. I. A. Prigor, M. A. Pufarov. Uch. zap. Perm. gos. un. no. 159 124-128 '66.

Effect of selenium acid on the electrodeposition of manganese. N. P. Shul'gina, M. N. Polukarov. Uch. zap. Perm. gos. un. no. 159 95-103 '66.

Effect of tellurium and selenium on hydrogen treated steel in the process of electrodeposition of manganese. N. P. Shul'gina, M. N. Polukarov. Uch. zap. Perm. gos. un. no. 159 104-111 '66.

Electrodeposition of chromium from electrolytes containing chromic and telluric acids. I. M. Skrin. Uch. zap. Perm. gos. un. no. 159 112-123 '66.

Electrodeposition of tellurium from thiotelluric acid. I. U. A. Zaitaev, T. N. Grever. Zhur. prikl. khim. 40 no. 9 1986-1990 S '67.

Electromotive force of a galvanic cell with an anion-exchange membrane containing one- and two-charged counterions. O. K. Stefanova, M. M. Shul'gin. Vest. LGU 22 no. 16 103-109 Ag '67.

Galvanic coating of the internal surface of porous materials. O. S. Ksenzhek, S. A. Petukova, V. V. Skochkov. Zhur. prikl. khim. 40 no. 9 1955-1962 S '67.

Influence of electrolating on the properties of bimetallic steel-aluminum joints. V. R. Rakhov, A. A. Ershov, L. G. Gvinchevskaya. Svar. proizvod. no. 12 29-32 D '67.

Process of hydride formation on the OT-4 titanium alloy by the method of elastic sheet deformation. V. V. Mamenko. Uch. zap. Perm. gos. un. no. 159 211-215 '66.

Some problems involved in the electrodeposition of manganese. N. P. Shul'gina, M. N. Polukarov. Uch. zap. Perm. gos. un. no. 159 112-117 '66.

Study of blade-type pulverized coal concentrating unit using a model. M. A. Protailo, V. I. Muslov, A. M. Ostrovov. Teploenergetika 14 no. 7 20-24 H '67.

Studying the microstructure of dielectric coatings. L. S. Buzhinskii, F. T. Khomakov, O. P. Danilenko. Zh. prikl. spekt. 6 no. 11 20-23 Ja '67.

621.36 THERMOELECTRICITY. ELECTRIC HEATING

Commutation of thermoelements. I. M. Diabkin. Gor. i. tekhnika no. 4 3-4 '67.

[Electronic devices for temperature regulation] Elektronnye ustroystva dlya regulirovaniya temperatury. Moskva, 1967. 73 p. (Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khozaystvu. Obzor literatury, no. 22(52). (DNAL))

[Electrothermal equipment; a handbook] Elektrottermicheskie oborudovaniye; spravochnik. Pod obsch. red. A. P. Al'tgauzena, M. I. Smeltanskogo i M. S. Shvetsova. Moskva, "Energiya," 1967. 486 p.

Methods for studying voltage distribution in the near-electrode zone of an electric furnace. G. F. Platonov, G. M. Sumolev, G. E. Pot. Elektrotehnika 38 no. 12 43-45 D '67.

- Optimal parameters of electric resistance furnace linings**
A. M. Davidson, *Izv. vys. ucheb. zav., fiz. i tekhn.*, 10 no. 5:161-168 '67.
- Refining 75% ferrosilicon from aluminum, calcium, and carbon in acid furnaces**
V. A. Kravchenko, A. A. Serebrennikov, *Stal*, 27 no. 12:1097-1099 D '67.
- Smelting of 50% silicochromium using semiconductors**
V. P. Vorobey and others, *Stal*, 27 no. 12:1095-1096 D '67.
- Stability of a plasma and voltage oscillations of a magnetron generator**
R. V. Gusev, I. P. Strashin, *Magn. gidy*, no. 4:11-16 '67.
- Studying the direct solar energy conversion into electrical power**
N. S. Idoenko, *Gidrotekhnika*, no. 5:29-31 '67.
- 621 37 TECHNIQUE OF ELECTRIC AND ELECTRO-MAGNETIC WAVES, OSCILLATIONS AND PULSES**
- Accuracy of the measurements in radioelectroencephalography when using the "Rho-II" encephalograph**
V. F. Grechko, V. A. Gerasimov, *Med. tekhn.*, 1 no. 2:55-60 '67.
- Amanov, Sabyrdin. [Radio communication and distribution of ultrasonic radio waves in mountainous areas]**
Radiosvyaz' i rasprostraneniye UKV v gornykh usloviyakh, Frunze, "Kyrgyzstan", 1965. 113 p.
- Approximation of geometrical optics in the theory of propagation of electromagnetic waves in a gyrotropic weakly absorbing medium**
M. I. Alishin, *Izv. vys. ucheb. zav., radiofiz.*, 10 no. 6:756-762 '67.
- Backscattering of sound waves and radio waves by an irregularly shaped object**
A. I. Kalmykov, A. D. Rozenberg, V. I. Zolotarev, *Izv. vys. ucheb. zav., radiofiz.*, 10 no. 6:797-802 '67.
- Bondarenko, V. M. [Problems of nonlinear circuit analysis]**
Voprosy analiza nelineynykh elekticheskikh i elektronnykh isopel, Kiev, "Naukova dumka", 1967. 155 p.
- Calculating repairability requirements in designing radio equipment**
R. I. Prokhorov, V. I. Shnitser, *Stand. i tekhn.*, 31 no. 9:13-16 '67.
- Calculation of electrical parameters of wave guide Y-circulators**
A. K. Solov'ev, I. P. Tkach, *Radiotekhnika i elektronika*, 12 no. 12:2233-2239 D '67.
- Calculation of the amplitude characteristic of tunnel diode amplifiers**
I. G. Naikova, V. S. Fokin, *Radiotekhnika i elektronika*, 12 no. 12:2238-2240 D '67.
- Calculation of the current and voltage pulses generated by ionized particles in fine semiconductor counters**
I. Iminov, *Izv. AN Uz. SSR, Ser. fiz.-mat. nauk*, 11 no. 4:42-48 '67.
- Calculation of transient processes of three-phase magnetic power amplifiers**
A. A. Kravchenko, *Izv. vys. ucheb. zav., prib.*, 9 no. 1:60-63 '66.
- Comparative stability of amplification of a two-stage and single-stage parametric amplifier**
S. M. Kich, *Radiotekhnika i elektronika*, 12 no. 12:2240-2242 D '67.
- Dispersion equation for high-frequency waves in an inhomogeneous anisotropic plasma**
P. E. Stetsch, *Vest. Mosk. un. Ser. 3 Fiz., astron.*, 22 no. 5:123-125 '67.
- Dynamic characteristics of a magnetic amplifier with self-saturation**
N. M. Iakovlev, *Elektrotekhnika*, 30 no. 12:11-18 D '67.
- Effect of static polarization of a nonlinear system on the generation of the second harmonic**
V. M. Molodtsovskaya, *Izv. vys. ucheb. zav., radiofiz.*, 10 no. 6:876-879 '67.
- Effect of Nd₂O₃ concentration and the technique of suppressing parametric modes on the uniformity of distribution of the inverse population in cylindrical specimens**
O. L. Avdeev and others, *Opt.-mekh. prom.*, 34 no. 10:64-65 O '67.
- Effective area of scattering of objects when irradiated by a nonuniform field**
N. K. Volotova, *Izv. vys. ucheb. zav., radiofiz.*, 10 no. 6:763-767 '67.
- Electromagnetic compatibility**
M. S. Blushchinsk, *Vest. protivovozd. obr.*, no. 12:84-86 D '67.
- Electromotive integrating amplifier for high-precision measurement of ionization currents and electric charges**
A. M. Ilukovich, I. A. Kulikova, *Izv. tekhn.*, no. 8:47-49 Ag '67.
- Estimate of the fluctuation sensitivity of a radiometer with IF-amplifier modulation**
V. S. Ablazov, *Izv. vys. ucheb. zav., radiofiz.*, 10 no. 6:768-774 '67.
- Evaluation of the form of envelope and duration of non-steady process in a keying oscillator**
R. A. Belkin, *Radiotekhnika i elektronika*, 12 no. 12:2232-2233 D '67.
- Experimental study of main polarization and energy characteristics of a beveled grid**
I. A. S. Komissarov, V. A. Pavluk, *Radiotekhnika i elektronika*, 12 no. 12:2210-2219 D '67.
- Film transducers for microwave ultrasonic delay lines**
L. M. Beliaev and others, *Radiotekhnika i elektronika*, 12 no. 12:2265-2267 D '67.
- Flaw detection in complex electric circuits**
I. U. A. Perikov, A. V. Rubev, *Stand. i tekhn.*, 31 no. 9:38-40 S '67.
- Fluctuation of subharmonics in a thin-film parametron**
G. P. Zhigal'skiy, V. V. Potemkin, *Radiotekhnika i elektronika*, 12 no. 12:2268-2270 D '67.
- Frequency instability of a cryotron generator of relaxation oscillations**
I. A. S. Kan, V. A. Rukhovich, *Izv. tekhn.*, no. 8:94-95 Ag '67.
- General properties of the dissipation of matrix of linear parametric currents**
M. E. Gertsenshtein, L. G. Solov'ev, *Radiotekhnika i elektronika*, 12 no. 12:2235-2238 D '67.
- Generalization on the approximation of geometrical optics for a nonhomogeneous absorbing media**
I. A. Mukharov, *Radiotekhnika i elektronika*, 12 no. 12:2210-2212 D '67.
- Generator with quartz resonator for the calibration of time markers**
B. I. Kulakov, [Nauch. trudy] ENIKMASha, no. 16:131-138 '67.
- Giant pulses on CaF₂Dy²⁺ crystals**
V. V. Kostin and others, *Zhur. prikl. spekt.*, 6 no. 1:33-35 Ja '67.
- Heat compensation circuit of transistorized amplifiers with independent zero adjustment and temperature balance**
V. I. Didenko, *Izv. tekhn.*, no. 8:91 Ag '67.
- Highly sensitive direct current amplifiers on transistors for physiological research**
F. A. Votrubskiy, V. A. Puzanishkova, *Med. tekhn.*, 1 no. 2:52-55 Mr.-Ap '67.
- Image production in the microwave band of electromagnetic waves**
K. I. Krylov, N. A. Al'pova, *Izv. vys. ucheb. zav., prib.*, 10 no. 10:101-108 '67.
- Identities of combination frequencies in a four-level quantum system with two-frequency pumping**
M. E. Gertsenshtein, A. N. Mait'yanov, *Radiotekhnika i elektronika*, 12 no. 12:2177-2186 D '67.
- Interaction of waves in a nonlinear periodically inhomogeneous medium**
A. S. Gorskikh, V. F. Marchenko, *Izv. vys. ucheb. zav., radiofiz.*, 10 no. 6:825-838 '67.
- Investigating radio wave transducers for controlling the width of coal pillars in stopes**
L. G. Sakalo, G. R. Nosov, A. A. Vorobey, *Gid. elektromekhn. i avtom.*, no. 6:46-49 '66.
- Kulja, V. I. [Orthogonal filters]**
Orthogonal'nye fil'try, Kiev, "Tekhnika", 1967. 240 p.
- "Latest" generation in regenerative amplifiers**
M. E. Gertsenshtein, V. V. Roshchin, *Radiotekhnika i elektronika*, 12 no. 12:2233-2235 D '67.
- Logarithmic amplifiers with high accuracy**
A. N. Sus, V. S. Gangus, M. G. Ruzanov, *Izv. vys. ucheb. zav., prib.*, 10 no. 11:10-12 '67.
- Magrachev, Z. V. [Single-pulse voltmeters]**
Vol'tmetriy odnochichnykh impul'sov, Moskva, "Enoigila", 1967. 112 p. (B-ka po avtomatike Vyp. 262).
- Measuring amplifiers in instrument manufacture**
G. V. Volshchik, V. A. Bazaridze, *Izv. vys. ucheb. zav., prib.*, 10 no. 10:45-50 '67.
- Measuring the energy of light pulses. (Brief information)**
V. V. Balakov, *Opt.-mekh. prom.*, 33 no. 9:56-59 S '66.
- Measuring the superhigh-frequency conductivity of a turbulent plasma by means of an Alpha unit**
M. M. Lashonov, V. V. Rozhdetsvenskiy, *Zhur. tekhn. fiz.*, 37 no. 8:1468-1470 Ag '67.
- Mel'nikov, I. A. [Permanent magnets of electronic and vacuum microwave devices]**
Postolannye magnity elektronnykh i vakuumnykh SVCh priborov, Moskva, "Sov. radio", 1967. 183 p.
- Method for determining the response of a parametric circuit**
A. A. Rytin, *Radiotekhnika i elektronika*, 12 no. 12:2245-2246 D '67.
- A method for narrowing the radiation spectrum from a ruby laser**
V. V. Antsiferov, G. V. Krivoshechokov, K. G. Polin, *Izv. vys. ucheb. zav., radiofiz.*, 10 no. 6:870-880 '67.
- Nikolaev, I. N. [Radiation receivers]**
Priemniki izlucheniya, Moskva.
- Ch. I. [General information on radiation receivers and physical fundamentals of the interaction of an electromagnetic wave with matter]**
Obshchie svoystva i priemnykh izlucheniya i fizicheskoe osnovy vzaimodeystviya elektromagnitnoy volny s veshchestvom, 1967. 84 p.
- Normal mode of cylindrical resonators with a magnetoactive plasma**
I. P. Akimenko, T. R. Kelnar, *Izv. vys. ucheb. zav., radiofiz.*, 10 no. 6:815-824 '67.
- On the "impedance" regime of a three-level receiving circuit**
M. E. Gertsenshtein, *Izv. vys. ucheb. zav., radiofiz.*, 10 no. 6:882-885 '67.
- Parameters of giant laser pulses in the case of prompt Q-switching**
D. I. Stasetskiy, V. E. Khaitsev, *Zhur. prikl. spekt.*, 7 no. 6:838-844 D '67.
- Parametric 6 mm. band amplifier in two circuit and single circuit operation**
S. M. Kich, V. D. Prokof'ev, *Radiotekhnika i elektronika*, 12 no. 12:2243-2245 D '67.
- Passage of an OKG beam through an inclined ferrite disc**
I. A. Derugin, V. D. Tronko, *Radiotekhnika i elektronika*, 12 no. 12:2255-2257 D '67.
- Passage of signals and noise through frequency multipliers**
I. I. Za Son [Yi Cha Song.], *Trudy TSNITMF*, no. 69:96-111 '66.
- Power losses in frequency converters with pulse-width voltage modulation**
T. A. Glazenko, *Izv. vys. ucheb. zav., prib.*, 9 no. 1:53-58 '66.
- Raising the response and interference resistance of pulse counters in the Grey code**
I. U. S. Manukian, *Izv. tekhn.*, no. 8:49-51 Ag '67.
- Repairing radar station wave guides in the field**
G. A. Marlin, *Vest. protivovozd. obr.*, no. 6:67-68 Je '64.
- Resonance interaction between two identical dipole emitters**
V. L. Luboshits, *Zhur. eksp. i teor. fiz.*, 53 no. 5:1030-1040 N '67.
- Separation and amplification of difference frequency in a plasma wave guide with an electron beam**
N. I. A. Kotarcho, A. M. Fedotichko, *Radiotekhnika i elektronika*, 12 no. 12:2162-2170 D '67.
- Stetskaia, V. V. [Thin films in microwave engineering]**
Tonkie plenki v tekhnike svyaznykh chastot [2-e izd., pererabot i dop.] Moskva, "Sov. radio", 1967. 456 p.
- Special features of the generation of frequency harmonics in nonpass bands of a periodic structure**
V. F. Mikhlenko, *Radiotekhnika i elektronika*, 12 no. 12:2247-2250 D '67.
- A special kind of parametric oscillations in oscillators with self-regulated delay**
D. G. Kozlovskiy, *Mekh. tver. tela*, no. 4:67-68 Ji.-Ag '67.
- Study of a microwave grid-type gas-discharge detector**
S. P. Mozhayev, A. P. Gavril, K. I. Kononuk, *Radiotekhnika i elektronika*, 12 no. 12:2275-2281 D '67.
- Study of a photoelectric diode in the capacity of a noise generator**
I. U. T. Davydov, *Radiotekhnika i elektronika*, 12 no. 12:2253-2255 D '67.
- Studying a turbulent plasma by means of microwaves**
M. M. Lashonov, V. V. Rozhdetsvenskiy, A. D. Pilla, *Zhur. tekhn. fiz.*, 37 no. 8:1171-1176 Ag '67.
- Studying the dynamics of an oscillating system with two degrees of freedom together with the motor in the presence of mutual resonance**
V. K. Preshnikov, *Zh. Fiz. Gor. elektromekhn. i avtom.*, no. 6:78-82 '66.
- Success of the superhigh frequency equipment manufacturing industry of the U. S. S. R.**
I. V. Bisenov, *Izv. vys. ucheb. zav., prib.*, 10 no. 10:35-41 '67.
- Theory of wave propagation in nonhomogeneous anisotropic media**
P. E. Stetsch, *Vest. Mosk. un. Ser. 3 Fiz., astron.*, 22 no. 6:12-39 N-D '67.
- Time analysis of systems consisting of threshold elements and two-positional relays**
G. M. Proskurn, *Trudy Ural' politekh. inst.*, no. 151:99-105 '67.
- Use of an evapograph in studying the energy field of pulse radiation sources**
V. A. Mironov, V. N. Shtinov, G. P. Faeiman, *Opt.-mekh. prom.*, 34 no. 10:5-9 O '67.
- Wave interaction in nonlinear periodically nonuniform lines**
A. S. Gorskikh, V. F. Marchenko, V. G. Titov, *Izv. vys. ucheb. zav., radiofiz.*, 10 no. 6:837-845 '67.
- 621 38 ELECTRONICS**
- Analysis of the effect of background noises on the threshold sensitivity of a photoelectric indicator with pulse modulation**
I. U. N. Rakovskiy, *Opt.-mekh. prom.*, 33 no. 4:1-5 Ap '66.
- Angular distribution of luminescence for some cathodoluminescent screens**
V. V. Kaprevich, *Opt.-mekh. prom.*, 33 no. 10:15-17 O '66.
- Applying the optical reciprocity principle to the determination of the response of an optical system and a photodiode**
I. U. K. Bergner, V. I. Sukhanov, *Opt.-mekh. prom.*, 34 no. 10:12-16 O '67.
- Calculating the characteristics of the circuit in a setup for measuring the displacement of a line**
I. U. M. Golubovskiy, *Opt.-mekh. prom.*, 33 no. 10:10-14 O '66.
- Circuit for recording weak modulated light signals in the case of an intense unsteady background**
D. M. Sheherbina, *Opt.-mekh. prom.*, 34 no. 10:58-60 O '67.
- Conversion of angular quantities into a numerical form**
A. A. Tarasov, *Vest. protivovozd. obr.*, no. 6:72-78 Je '64.
- Critical parameters of single-dimensional injection in cyclic accelerators**
I. M. Vashurid, *Trudy Ural' politekh. inst.*, no. 151:34-13 '67.
- Cyclotron resonance in tungsten**
R. G. Gormann, V. S. Edel'man, *Zhur. eksp. i teor. fiz.*, 53 no. 5:1563-1570 N '67.
- A discrete electron accelerator**
G. B. Abdullaev and others, *Izv. AN Azerb. SSR, Ser. fiz.-tekh. i mat. nauk*, no. 3:4:51-56 '67.
- First International Symposium on Instruments and Methods for Radiometry of Aerosols and Gases**
K. P. Markov, *Atom. energ.*, 21 no. 6:581-582 D '67.
- Measuring the lifetime of a space charge of electrons in a magnetron lens**
B. S. Akshenov and others, *Zhur. tekhn. fiz.*, 37 no. 8:1488-1494 Ag '67.
- Nonlinear theory of interaction between a periodic electron beam and an electromagnetic wave**
V. K. Upatov, *Izv. vys. ucheb. zav., radiofiz.*, 10 no. 6:816-856 '67.
- Nonlinear theory of traveling-wave tubes with high amplification**
A. E. Lagunov, V. A. Malyshev, *Izv. vys. ucheb. zav., radiofiz.*, 10 no. 6:868-872 '67.
- Numerical method for studying a tube with transverse interaction**
R. A. Dudnik, M. I. Fuks, *Izv. vys. ucheb. zav., radiofiz.*, 10 no. 6:867-868 '67.
- Phase discontinuities of subharmonics in a double parametron**
V. P. Komolov, Ngo K'uang An, I. T. Trofimenko, *Vest. Mosk. un. Ser. 3 Fiz., astron.*, 22 no. 6:86-93 N-D '67.
- Plasma equilibrium in a stellarator in a (n-3) field with a circular magnetic axis**
E. I. Urchenko, *Zhur. tekhn. fiz.*, 37 no. 8:1460-1465 Ag '67.
- A sintered oxide cathode with a nickel core, Part 1**
I. A. Moskin, *Izv. AN Uz. SSR, Ser. fiz.-mat. nauk*, 11 no. 6:54-56 '67.
- Solution to one problem of magnetic contrast in the electron mirror microscope**
V. I. Petrov, A. E. Luk'yanov, G. V. Spivak, *Vest. Mosk. un. Ser. 3 Fiz., astron.*, 22 no. 6:102-104 N-D '67.

- [Crossbar automatic telephone exchange K-50/200, collection of information with supplementing circuits] Koordinatnaya ATS K-50/200, informatsionnyy sbornik s prilozheniem skhem Moskva, "Sviaz", 1966 132 p (Tekhnika svyazi)
- Filipov, A. M.** [Electrical measurements in rural telephone networks] Elektricheskie izmereniya lini sel'skikh telefonnykh setei Moskva, "Sviaz", 1967 112 p (B-ha sel. svyazista)
- Fakub, N. I.** [Fundamentals of telephony and telephone apparatus] Osnovy telefonii i telefoniye apparaty Moskva, "Vyssh shkola", 1967 120 p
- Potentialities of the concentrator are broadened. V. D. Chanchikov. Vest. protivovozd. obor., no. 9-67-80 S '67.
- 621 396 RADIOCOMMUNICATION**
- Amanov, Shyrdin.** [Radio communication and distribution of ultra-short radio waves in mountainous areas] Radiosv'az' i raspriestranenie UKV v gornykh usloviyakh Frunze, "Kyr gyzstan", 1965 113 p
- Antennas** Antennny Shornik Moskva, "Sviaz", No 2 1967 191 p
- Brushin, V. I. A., and N. I. A. Shukhman.** [Book for radio repairmen. (A manual)] Kniga dlia radiomastera (Spravochnoe posobie). Moskva, "Legkaya industriya", 1967 247 p.
- Contribution to the theory of optimal antennas. L. G. Sedn. Radiotekhnika i elektronika 12 no. 12 2108-2117 D '67.
- Developments of the technology of ship antennas. I. I. Pavlov, I. A. Glushkovskii, T. A. Gaidemcz Sudostroenie 57 no. 11 51-56 N '67.
- Device for the oscilloscopic reception of radio time signals. J. Sneider. Radiotekhnika i elektronika 12 no. 12 2118-2121 D '67.
- Distribution of the probabilities of the position of polarization points of partially polarized wave on Poincaré sphere. A. P. Rodionov, V. A. Potelkin. Radiotekhnika i elektronika 12 no. 12 2121-2121 D '67.
- Electromagnetic fields of the vortical and horizontal electric dipoles located over single-layer half-space. L. S. Prizhuk. Izv. vuz. ucheb. zav., fiz. 10 no. 8 71-76 '67.
- Eliminating failures in radio components. B. I. Berdichevskii. Vest. protivovozd. obor., no. 9-67-68 S '67.
- Elimination of transmission delay in the "Mars" transceiver. V. A. Finn. Avtom. i telemekh. svyaz', 11 no. 4 46 Ap '67.
- Improvement of the operation of RM-24A apparatus. N. G. Tsun. Avtom. i telemekh. svyaz', 11 no. 1 27 Ap '67.
- Interference stability of a single pulse angle measuring device during the action of some discrete external interfering noise sources. H. S. Ushakov. Radiotekhnika i elektronika 12 no. 12 2120-2122 D '67.
- Kuznetsov, A. D.** [Protection of radioelectronic apparatus from mechanical actions] Zashchita radioelektronicheskogo apparata ot mekhanicheskikh vozdeystviy. Red. I. V. Vasil'kovich. Moskva, 1967. 64 p.
- Omeltjanenko, N. I.** [Radio relay lines] Radiorelaynye linii. Kiev, "Tekhnika", 1967 202 p.
- The radio meeting of millions. V. Korobitsyn. Zhurnal. 1st no. 146 Ap '67.
- Regulation of gain in a phase-type radio range finder. P. M. Golubev. Izv. vuz. ucheb. zav., prib. 9 no. 1 10-11 '66.
- Repair of transistorized equipment. V. A. Shalabanov. Vest. protivovozd. obor., no. 9-64-66 S '67.
- The results could have been better: a review of radio sports competitions. S. S. Maslov, G. A. Poveremnyi. Vest. protivovozd. obor., no. 9-53-54 S '67.
- Ship radar station "Okean". I. P. Lisencov. V. P. Volynets. Sudostroenie 57 no. 11 57-62 N '67.
- Synthesis of diacetyte antennas with optimal central radiation patterns. V. I. Maletskii. Radiotekhnika i elektronika 12 no. 12 2118-2122 D '67.
- Training of senior students for work in the field of radio electronics. N. V. Kuznetsov, A. I. Shumov. Shkola i prosv. 10 no. 8-18-22 Ag '66.
- 621 397 FACSIMILE TELEVISION**
- Dzislavets, P. F., I. A. Rosselevich, and L. I. Khromov.** [Spacecraft television systems, problems of theory and practice in the design of spacecraft television systems] Kosmicheskoe televidenie; nekotoryye voprosy teorii i praktiki postroyeniya sistem kosmicheskogo televideniya. (Moskva), "Sviaz", 1967. 134 p
- O. A. Adamian, inventor of television and phototelemetry. A. K. Tomassian. Izv. AN Arm. SSR Fiz. 2 no. 4, 285-287 '67.
- Operational hookup of the "Record" television receiver. A. N. Nebolsin. Shkola i prosv. 10 no. 8-70-72 Ag '66.
- Success of television in our country. P. V. Shmakov. Izv. vuz. ucheb. zav., prib. 10 no. 10, 25-34 '67.
- Use of a small-square television system for the read-out of spark chamber data. V. A. Kontarov and others. Izv. AN Arm. SSR, Fiz. 1 no. 6 397-405 '66.
- When I was a television mechanic. G. Pero. Zhurnal. 1st no. 4-36, 38-39 Ap '67.

- 621 397(471 310)—Moscow City**
- He built the Ostankino television tower. N. Ancharshala. Sov. voyn. 49 no. 24 22-24 D '67.
- 621 397(471 44)—Saratov Province**
- Saratov is showing itself. I. U. S. Rogozin. Neftnik 8 no. 7 20 Ji '63.
- 621 397(474 2)—Estonian S. S. R.**
- A meeting with the original. S. Muratov. Zhurnal. 1st no. 4-33 Ap '67.
- 621 397(477)—Ukrainian S. S. R.**
- Role of business accounting in technical creativity. I. U. Hrus. Ekon. Rad. Ukr., 10 no. 6-78-81 Je '67.
- 621 397(571 12)—Tyumen' Province**
- Educational television. A. N. Kosukhin, O. M. Forshtadt. Izv. vuz. ucheb. zav.; neft' i gaz 10 no. 6, 52, 60 '67.
- 621 398 TELECONTROL TELEMETRY**
- Field tests of a geodimeter equipped with a gaseous laser. A. V. Golubev and others. Geod. i kart. no. 12 7-13 D '67.
- 621 4 INTERNAL COMBUSTION AND OTHER SPECIAL ENGINES**
- Developments in power plants on merchant ships during the years of Soviet government. V. B. Kotsulbenko, I. B. Sedakov. Sudostroenie 57 no. 11 32-38 N '67.
- Heat transmission from gases to the walls of the inner cylindrical space of diesel engines with air cooling systems. A. G. Mezerov, A. I. Skomorokhova. Trudy Sverd. sel'skhoz. inst., 11 267-269 '65.
- Index of articles published in our periodical in 1967. Energomashinostroyeniye 13 no. 12 46-48 D '67.
- Korney, V. K.** [Use of electronic digital computers in the evaluation of the reliability of power equipment] Primeneniye ETSVM dlia otsenki nadezhnosti energooborudovaniya. Leningrad, 1967. 34 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya Uchebno-nauchnye kachestva, povyseniye nadezhnosti i dolgoletnosti mashin, priborov, elektronnoi i radioelektronnoi apparatury).
- 621 43 INTERNAL COMBUSTION ENGINES**
- Acceleration tests of models of welded rotors and evaluation of their structural strength. G. S. Vasil'chenko, M. M. Timofeev, L. I. Skomorokhova. Teploenergetika 13 no. 9 56-61 S '66.
- Adjusting the electric ignition system of a two-stroke gas engine. V. V. Vanushin. Dvig. vnutr. sgor., no. 5 108-113 '67.
- Air and evaporational water cooling of radiators of gas turbine blades. L. I. Slobodanuk, V. A. Omelchuk. Teploenergetika 14 no. 7 71-76 Ji '67.
- Air excess coefficient of a diesel engine with a turbosupercharger in a transitional process. V. I. Krutov, I. V. Ikonov. Izv. vuz. ucheb. zav., mashinost., no. 6 70-84 '67.
- Analyzing the operating cycle of a piston engine according to the indicator diagram. V. V. Gusev. Izv. vuz. ucheb. zav., mashinost., no. 6 75-78 '67.
- Approximate determination of the dependence of the pickup of a diesel on the relationship of the operating speed and degree of supercharge. A. A. Okunev. Energomashinostroyeniye 13 no. 12-25 D '67.
- Arkhangelskii, V. M., and others.** [Automotive engines] Avtomobil'nye dvigateli. Pod obshch. red. M. S. Khovakha. Moskva, "Mashinostroyeniye", 1967. 494 p.
- Complete fuel combustion under various operating conditions of the D-70 engine. N. F. Razleitsev. Dvig. vnutr. sgor. no. 5-9-12 '67.
- Effect of air pressure and temperature on the indices of a diesel engine with high-gas-turbine supercharging. R. V. Kazachikov. Dvig. vnutr. sgor. no. 5 13-18 '67.
- Effect of inflowing air parameters on the basic indices of a tractor diesel engine. V. I. Ledovskii, M. G. Sandomirskii, V. G. D'achenko. Dvig. vnutr. sgor. no. 5 32-36 '67.
- Effect of the air flow in a cylinder on the indicator process of a four-stroke engine. E. N. Beschakov. Dvig. vnutr. sgor. no. 5 3-8 '67.
- Experimental study of the air cooling system of the stator of the high-pressure unit of the GTU-4-750 gas turbine. E. P. Dyban and others. Teploenergetika 13 no. 9-61-66 S '66.
- Gas overflowing at an overlapping of gas distribution phases in rotor-piston engines. A. A. Voronkin, A. S. Tselinskii. Dvig. vnutr. sgor. no. 5 114-119 '67.
- Heat emission of a disc rotating in a sheathing with circulation of an annular jet of air. E. F. Kuznetsov. Energomashinostroyeniye 13 no. 12-35-37 D '67.
- Heat waves in a rod in the presence of a heat supply to the side surface. I. U. V. Lushchitskii. Dvig. vnutr. sgor. no. 5 96-101 '67.
- Improving the quality and durability of large crankshafts of diesel engines by heat treatment. A. A. Borisov. Vest. mashinost., 47 no. 11-74-75 N '67.
- Investigating a high-speed diesel engine when operated with wide cut diesel fuels. S. M. Adamov, V. P. Alekseev. Izv. vuz. ucheb. zav., neft' i gaz 10 no. 10 53-55 '67.

- Investigating the filling by cylinders of the SMD-14 engine. I. A. Maler, V. I. Kravets, G. D. Stetsko. Dvig. vnutr. sgor. no. 5 37-42 '67.
- Investigating the performance and dynamics of heat emission in an engine with high supercharging at various profiles of fuel cams. L. N. Cherneeva, I. A. I. Drabkin, I. V. Bershova. Dvig. vnutr. sgor. no. 5 77-84 '67.
- Investigating the performance of a centrifugal compressor with bladeless and bladed diffusers. D. M. Kolt'shtein. Dvig. vnutr. sgor. no. 5 102-107 '67.
- Investigating the sealing efficiency of radial sealing elements of rotor-piston engines. A. N. Poida. Dvig. vnutr. sgor. no. 5 120-126 '67.
- Kotlar, I. V.** [Marine gas-turbine plants] Sudovyye gazovye bimye ustanovki. Leningrad, "Sudostroenie", 1967. 283 p.
- Measuring angular component of air velocity in the cylinder of a four-stroke diesel engine with high supercharging. R. V. Kazachikov, E. N. Beschakov. Dvig. vnutr. sgor., no. 5 19-21 '67.
- Operation of large gas turbine systems abroad. V. S. Beknev, A. P. Cheloborov. V. G. Tsvyashin. Teploenergetika 13 no. 12 74-80 D '66.
- Processes in a vortex chamber engine working on mixtures of diesel and motor fuel. L. Malikov. Rech. transp. 26 no. 11 29-30 '67.
- Reducing irregularities of the filling by cylinders of a tractor diesel engine. I. A. Maler, V. I. Kravets, G. D. Stetsko. Dvig. vnutr. sgor. no. 5 43-64 '67.
- Selecting the type and parameters of the fuel system of a locomotive diesel engine with high supercharging. I. A. I. Drabkin, I. V. Bershova, L. N. Cherneeva. Dvig. vnutr. sgor. no. 5 85-95 '67.
- Selection of the parameters of an air heater for cooling the air between compressors of a gas turbine system. N. D. Glazunov. Teploenergetika 13 no. 12 20-23 D '66.
- Some nonlinearities of the speed control system of an internal combustion engine. F. F. Sabunov. Energomashinostroyeniye 13 no. 12 38-39 D '67.
- Standardizing marine diesel engines. M. Ureznov. Rech. transp. 26 no. 11 49 '67.
- Steam power systems operating on raw peat. S. Kh. Gel'tenbein. Energomashinostroyeniye 13 no. 12 27-29 D '67.
- Study of a modernized combustion chamber of the GTU-25-700 gas turbine system. V. A. Khristich and others. Teploenergetika 11 no. 7 52-59 Ji '67.
- Study of aerodynamic excitation forces in turbine stages. A. P. Kuleshov. Energomashinostroyeniye 13 no. 12 39-41 D '67.
- Study of the construction of the internal cooling system of a bearing. F. Z. Ratner. Teploenergetika 13 no. 12 28-35 D '66.
- Theory of the air turbine motor with a partial feed of local ventilation fans. R. K. Pripevskii. Gid. elektro-mekh. i avtom. no. 6-94-98 '66.
- Thermal state of the rotor and hull of the GT-750-6 gas turbine. A. L. Kuznetsov, A. A. Krinskii, L. G. Korenevskii. Energomashinostroyeniye 13 no. 12 16-18 D '67.
- Thermodynamic investigation of a combined engine with divided exhaust. G. V. Zonkevich. Dvig. vnutr. sgor. no. 5 10-21 '67.
- 621.47 SOLAR ENERGY TECHNOLOGY**
- Aging of plastic mirror films. N. B. Rekant, A. V. Gavrilchikov. Gidrotekhnika no. 4-35-37 '67.
- Analysis of thermal conditions of cavity receivers in solar high-temperature units. R. A. Zakharov, D. I. Teplovskii. Gidrotekhnika no. 4 17-20 '67.
- Calculating the system collector - receiver with an equal thermal stress receiver. I. U. A. Dudko. Gidrotekhnika no. 4 10-16 '67.
- Calorimetric measurement procedure of the density distribution of a radiant energy flux in the focal point of a solar energy collector. A. Sh. Shaiyali. Gidrotekhnika no. 4 56-61 '67.
- Characteristics of the spectral reflection of glass and quartz in the near-infrared region of spectrum. N. B. Rekant. Gidrotekhnika no. 4 38-41 '67.
- Determination of exposure and ray absorption coefficient of the components of solid welded furnace screens. V. G. Prikopov, V. K. Shcherbakov. Teploenergetika 13 no. 12 71-74 D '66.
- Development of solar energy technology in the Soviet Union. V. B. Vinberg. Gidrotekhnika no. 5-7-19 '67.
- Equation for the design of water roofing and its experimental testing. V. A. Baum, A. Kakabaev, O. Klyshchayeva. Gidrotekhnika no. 4 51-55 '67.
- Method of calculating the technical characteristics of solar stills taking their nonsteady-state operation into account. V. A. Baum, R. Baimov, K. Tolilev. Gidrotekhnika no. 5 52-58 '67.
- Scheme of a powerful solar energy collector with stationary flat mirrors. N. V. Linitskii. Gidrotekhnika no. 4 21-28 '67.
- Solar energy collection. G. I. A. Umarov. Gidrotekhnika no. 5 32-51 '67.
- Solar energy technology and technical progress. U. A. Arifov. Gidrotekhnika no. 5 3-6 '67.
- Some results of the experimental use of solar energy units. B. V. Tainizhevskii, B. I. A. Rodichev. Gidrotekhnika no. 1-5-9 '67.

621 74 (Continued)

- Effect of types of arrangement on the carbonization of a cupola furnace charge. V. M. Vykhotets, A. A. Ponomarev. *Izv. vuz. ucheb. zav., mashinost.* no. 6:141-144 '67
- Flanged screen as chill cast. Kh. Anbarsumian. *Prém. Arm.* no. 9:52-53 '68
- Mechanization of the proportioning and batching of the cupola furnace charge. B. E. Avchen, O. B. Semenov. *Mekh. i avtom. proizv.* no. 11:11-12 '67
- Nekhendzi, I. U. A., and I. V. Kuptsov. [Complex testing (for the determination of foundry properties of alloys) Kompleksnaya pioba dlia opredeleniia litnykh svoystv splavov. Leningrad, 1967. 40 p. (Leningradskii dom nauchno-tekhnicheskoi piopagandy. Seriya "Progressivnoe mekhanizatsionnoe")]
- Strategies, methods of controlling the production quality, in a foundry. I. U. Kuptsov. *Stand. i kach.* no. 9:17-48 '67
- Unit casting of piston rings for the ZD6 engine. A. Z. Golman. *Trudy LIT* no. 9:17-18 '67

621 74(471 311)—Moscow Province

- Production efficiency has increased. V. M. Makarov. *Zh. el. dor. transp.* no. 4:27-30 Apr '67
- 621 75 TOOLMAKING GAUGING FITTING ASSEMBLING
- Allowances and tolerances for press forgings. A. V. Aleksey N. V. Tikomirov, D. I. Belykhovskii, V. A. Mashinost. no. 11:73-74 '67
- Basic trends in improving standards for tolerances of parts. B. A. Taits. *Stand. i kach.* no. 9:1-11 '67
- Calculation of economic efficiency of the standard tolerances and fits of plastic parts. V. A. Braginskii, V. V. Vasil'ev. *Stand. i kach.* no. 9:51-54 '67
- Kryslin, A. M., and I. Z. Naumov. [Metal filter in machine assembly operations] Slesar' mekhanizatsionno-tekhn. labor. L'd. 2-e, pereabot i dop. Moskva, "Vyssh. shkola," 1967. 271 p.
- Technology of heat treatment in the tool industry. F. A. Smolnikov. *Metalloved. i term. obr. met.* no. 5:16-53 '67
- Tool and abrasive industry during 50 years. G. A. Alekseyev. *Vest. mashinost.* no. 11:21-23 '67
- Welding technological possibilities of multipurpose attachments with interchangeable parts. N. M. Kapustin, G. I. Khalet, A. S. Shats. *Vest. mashinost.* no. 11:1-67 '67

621 762 POWDER METALLURGY

- Chemical metal structural parts. I. D. Radomyzelskii. *Porosh. met.* no. 10:63-75 '67
- Energy absorption at the compacting of halides. N. P. Kuzin, B. D. Il'chenko, N. V. Myshkina. *Izv. vuz. ucheb. zav., fiz.* no. 8:20-25 '67
- High-melting materials. G. V. Smirnov. *Porosh. met.* no. 10:76-81 '67
- Grain and trends in expanding the production of metal powders. B. A. Borok. *Porosh. met.* no. 10:7-20 '67
- Studying the magnetic properties of nickel carbonyl powder. V. K. Makshinov, B. A. Pyslov. *TSvet. met.* no. 12:19-21 '67
- Theory and practice of metal powder forming processes. O. V. Roman. *Porosh. met.* no. 10:21-28 '67
- Theory and practice of sintering. I. M. Fedorenko, V. V. Morokhod. *Porosh. met.* no. 10:39-50 '67

621 77 ROLLING

- Automatic control of skelpa with induction heating. V. A. Mashurin, V. D. Velichkin. *Metallurg.* no. 13:31-32 '68
- Automation of the lubrication of friction joints on rope machines. I. A. R. Volkov and others. *Metallurg.* no. 13:32 '68
- Continuous control of the pressure on draw dies in the wire drawing process. R. V. Bupalov, I. G. Grinman, V. M. Pustyl'nikov. *Trudy Inst. fiz. AN Kazakh SSR.* no. 7:76-79 '67
- Decrease of the level and vertical redistribution of residual welding stresses in steam pipes from 1Kh18N9T steel. A. A. Minasyan, G. I. Arutunian. *Toplonergetika.* no. 14:76-80 '67
- Determining stresses during the drawing of Br0.04, 5-0.15 bronze wire. K. A. Grechyni, I. U. P. Mironenko, V. I. Vlasov. *Trudy Inst. fiz. AN Kazakh SSR.* no. 7:70-72 '67
- Device for measuring drawing stresses in industrial conditions. A. Vinnitskii and others. *Trudy Inst. fiz. AN Kazakh SSR.* no. 7:73-75 '67
- Effect of the temperature of extrusion on the degree of shrinkage. I. N. Karsanov and others. *Izv. vuz. ucheb. zav., mekh. i fiz.* no. 8:97-100 '67
- Heavy-duty semi-continuous structural "600" mill and its experimental operation. V. I. Shirokov, G. N. Krauze. *Vest. mashinost.* no. 47:11:34-37 '67
- Improved design of coke-oxygen cutters. I. Kh. Shamovskii, A. D. Zykov. *Metallurg.* no. 13:30-31 '68
- Improvement of rolling processes. M. F. Bazhenov. *TSvet. met.* no. 10:43-46 '67
- Improving the grooving for rolling shaped sections. A. N. Baran, I. A. Pugachev. *Metallurg.* no. 13:23-25 '68
- Increasing the length of pipe on a unit with continuous mill. M. F. Stoletov and others. *Metallurg.* no. 13:27-28 '68

- Influence of the extent of deformation during cold rolling on the properties of 081U sheet steel. S. Z. Udvovich, N. A. Shuliko. *Stal'* no. 12:1104-1106 '67
- Introducing the production of formed section for agricultural. V. N. Shapoval, I. U. D. Rogachev, A. Z. Komarovskii. *Metallurg.* no. 13:25-27 '68
- Investigating energy and power parameters of 550/750 pipe billet mills. A. D. Noradze and others. *Stal'* no. 12:1107-1110 '67
- Investigating the external friction during cold rolling. I. U. V. Zhurkin. *Stal'* no. 12:1110-1111 '67
- Investigation of power parameters of the rolling process on the 320 small-rod mill. A. S. Vashakidze, D. A. Shalashidze. *Sob. in Gruz. SSR.* no. 2:11-116 '67
- Matveev, I. U. M., and A. I. Batist. [Pipe drawing with a deformable mandrel] Volochenie trub na deformiruemom seidechke [Chelobinskiy] Iuzhno-Ural'skoe ko. izd., 1967. 115 p.
- Metal deformation in initial passings during steel ingot rolling on slabbing mills. Open for discussion. M. I. Boratshinov and others. *Stal'* no. 12:1100-1104 '67
- New developments in research. V. I. Isupov, M. V. Smirnov, G. P. Mashura. *Stal'* no. 12:1078 '67
- The 550 rolling mill in operation. B. M. Sergeev, S. A. Sataev. *Metallurg.* no. 13:28-29 '68
- Obtaining strong titanium-steel joints by rolling in vacuum. V. M. Amosenko and others. *TSvet. met.* no. 10:38-41 '67
- Regulation of mill systems with thermal separators in the "Maritsa-Vostok" Thermal Electric Power Plant. P. Tsvetkov, A. Tsvetanova. *Toplonergetika.* no. 14:76-80 '67
- Sherzhanovskii, O. V. [Reversible die drive] Reversirnyi elektropivod postolnogo toka [Moskva] "Metal-lurgiya," 1967. 422 p.
- Solov'evichik, P. M. [Automatic pipe rolling mills; basic hot rolling equipment] Trubopokaznye agregaty s avtomat. stanom, osnovnye prokatnye obrudovaniya gor-lachego peredela. Moskva, "Metallurgiya," 1967. 158 p.
- Study of the effect of shot hardening on the structure of the metal of surface heated pipes. R. F. Mazel' and others. *Toplonergetika.* no. 14:12-17 '68
- Surfacing sheet mill rolls with a powder band. I. U. A. Zelenkin and others. *Svar. proizv.* no. 11:16-17 '68
- Work and people. I. Sukhoplyuev. *Metallurg.* no. 13:34-34 '68

621 77(477)—Ukrainian S. S. R.

- Child of the first five-year plan. V. A. Shvedchenko. *Met. i gor. prom.* no. 5:38-41 '67
- New horizons for pipe makers. P. V. Savkin. *Met. i gor. prom.* no. 3:26-28 '67
- Pipe production in the Ukraine. S. I. Borisov, N. V. Panushkin. *Met. i gor. prom.* no. 3:49-52 '67
- Pipe rolling mill workers kept their word. *Met. i gor. prom.* no. 5:20 '67
- 2,600 rolled shapes and sizes in the result. A. P. Chekmarov. *Met. i gor. prom.* no. 5:81-83 '67
- 621 77(571 17)—Kemerovo Province
- Reconditioning continuous furnaces in the sheet rolling workshop of the Kuznetsk Metallurgical Combine. S. E. Elagin and others. *Stal'* no. 12:1127-1129 '67

621 77(574)—Kazakh S. S. R.

- Design and operation of a device recording stresses during rolling in conditions of the Balkhash Nonferrous Metal Plant. I. U. P. Mironenko, A. A. Priesnikov. *Trudy Inst. fiz. AN Kazakh SSR.* no. 7:66-69 '67

621 78 HEAT TREATMENT

- Automatic control of skelpa with induction heating. V. A. Mashurin, V. D. Velichkin. *Metallurg.* no. 13:31-32 '68
- Characteristics of steel hardening during thermomechanical treatment. M. L. Bernshteyn, V. I. Zaimovskii, L. M. Kaputkina. *Metalloved. i term. obr. met.* no. 5:16-22 '67
- Characteristics of the dispersion hardening of cast, high-carbon alloys with addition elements. S. N. Ivanov, K. N. Minakovskii. *Metalloved. i term. obr. met.* no. 1:64-67 '68
- Classification, terminology, and symbols of main types of heat treatment of steel. E. S. Savilov, A. P. Gullayev, A. G. Nikonov. *Metalloved. i term. obr. met.* no. 1:32-41 '68
- Development of conditions for annealing cold-rolled coils in single-stack bell furnaces. D. I. Laroslavskii and others. *Stal'* no. 12:1120-1121 '67
- Dispersion hardening of molybdenum-base alloys. N. N. Morgunova. *Metalloved. i term. obr. met.* no. 1:21-24 '68
- Effect of annealing on the radiative defects in ZnS single crystals. I. T. Putiev and others. *Izv. vuz. ucheb. zav., fiz.* no. 8:154-159 '67
- Effect of cyclic heating on the growth of magnesium cast iron. G. F. Tikhonov, A. P. Rukavishnikova. *Metalloved. i term. obr. met.* no. 1:67-69 '68

- Effect of deformation and hardening temperature on the mechanism of decomposition in the EI 702 steel. V. I. Subhayov, V. V. Kuraeva. *Izv. vuz. ucheb. zav., fiz.* no. 8:85-92 '67
- Effect of heat treatment on the optical properties of lithium fluoride crystals. E. L. Litova, M. I. Shakhovich. *Lv. AN. SSR. Ser. fiz.* no. 12:2058-2060 '67
- Effect of local peening on crack formation in tools. E. I. Mahabir. *Metalloved. i term. obr. met.* no. 1:10-20 '68
- Effect of nitriding on the properties of molybdenum. I. U. M. Iahlin. *JA D. Kogan. Metalloved. i term. obr. met.* no. 1:21-24 '68
- Expanding the technology of heat treatment in the batch production of machines. V. G. Vorob'ev. *Metalloved. i term. obr. met.* no. 5:40-46 '67
- Gaiduchenko, E. I. [Electric erosion machining of small-diameter] Elektroraznata obrabotka otverstii mal'nykh diametrov. Leningrad, 1967. 47 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya "Progressivnye metody obrabotki materialov")
- Hardening aluminum alloy parts in liquid nitrogen. E. G. Il'ushko, A. S. Bedarev. *Metalloved. i term. obr. met.* no. 1:16-56 '68
- Hardening crystalline bodies by programmed stressing. R. I. Gaihet, I. A. Gindin, L. M. Nizhnikov. *Metalloved. i term. obr. met.* no. 5:2-8 '67
- Heat treatment of aluminum alloys in P. A. P. furnaces. N. I. Kolobnev and others. *Metalloved. i term. obr. met.* no. 1:19-51 '68
- Improving the quality and durability of large crankshafts of diesel engines by heat treatment. A. A. Borisov. *Vest. mashinost.* no. 17:11:74-75 '67
- Isotermic hardening of cast iron diesel engine sleeves. I. U. G. Borisov, N. F. Vasil'evskii. *Metalloved. i term. obr. met.* no. 1:73-77 '68
- Low-temperature annealing of cast iron parts. G. A. Adonov. *Metalloved. i term. obr. met.* no. 1:70-74 '68

New developments in research. G. G. Taranov and others. Stal' no. 12:1126 '67

New developments in research. V. N. Timofeev and others. Stal' no. 12:1090-1091 '67

Principles of mechanical and thermal treatment. V. S. Ivanova. Metalloved. i term. obr. met. no. 5:8-15 '67

Regularities of the interaction between controlled atmospheres and metals. A. A. Shmykov. Metalloved. i term. obr. met. no. 5:51-65 '67

Simplified method of calculating a furnace atmosphere obtained from technical nitrogen and natural gas. N. A. Titov. Metalloved. i term. obr. met. no. 1:78, 79 '68

Strain hardening of already hardened high-speed steel. L. R. Zhimyskaya and others. Metalloved. i term. obr. met. no. 1:7-10 '68

Strain hardening of steel in the process of bainite conversion. I. U. V. Shakhmatov. Stal' no. 12:1118-1119 '67

Studying the surface decarburization of steel in heating furnaces. L. P. Emel'yanenko and others. Stal' no. 12:1116-1118 '67

Technology of heat treatment in the tool industry. F. A. Smolnikov. Metalloved. i term. obr. met. no. 5:16-53 '67

Thermochemical treatment of steel in liquid media. V. S. Vann. Metalloved. i term. obr. met. no. 1:55-60 '68

Thermomechanical treatment of 20GMR steel in the process of continuous quenching. N. A. Zolotarev and others. Metalloved. i term. obr. met. no. 5:22-26 '67

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Statistical methods to control the quality of heat treatment of parts. V. V. Chernov. Stand. i kach. no. 9:46-47 '67

621 79 VARIOUS OTHER KINDS OF METALWORK

- Analysis of formulas for calculating heat transfer rate and temperature field of cylindrical billets subjected to electrolytic heating. A. I. A. Fomina, A. F. Krupin. *Izv. vuz. ucheb. zav., mashinost.* no. 6:106-109 '67
- Automatic control in electroplating operations. I. U. D. Shikin, Mekh. i avtom. proizv. no. 11:5-7 '66
- Evaluation of relationship between damages of welded joints of steam pipes with compensated flexure stresses. V. A. Nakhlov. *Toplonergetika.* no. 13:39-41 '68
- Mechanizing the braiding of cables. N. Rudakov. *Sel'. stroi.* no. 2:23-24 '61
- Oil film thickness during rod drawing. V. F. Isupov, A. I. Smetanina, G. P. Mashura. *Stal'* no. 12:1137-1139 '67
- Scientific-technical conference on vibratory machining. A. P. Pinchuk. *Vest. mashinost.* no. 47:11:84 '67
- 621 791 WELDING AND ALLIED TECHNIQUES
- The ANO-6 universal electrodes with titanite coatings. I. K. Pokhodina and others. *Svar. proizv.* no. 12:44-45 '67
- Akulov, A. I., and I. A. Sokol. [Mechanized welding of piping] Mekhanizirovannaya svarka truboprovodov. Moskva, "Stroizdat," 1967. 191 p.
- Analyzing the scattering power of arc welding circuit triodes of a semiconductor source. N. M. Trofimov. *Svar. proizv.* no. 11:10-12 '68

- Annual report of the Commission of "Pressure Vessels, Boilers, and Pipes" at the 14th Congress of the International Institute of Welding in Delft (Holland), held in July 1966. Svar. protzv. no. 12:58-59 D '67.
- Automatic submerged-arc welding of flanges with subsequent rubberizing of welds. A. M. Loshakov and others. Svar. protzv. no. 12:27-29 D '67.
- Automatic welding of the rotor shaft of a turbocompressor. V. D. Ivanenko and others. Vest. mashinost. 47 no. 11: 67-69 N '67.
- Automation of the proportioning of charges in manufacturing welding electrodes. B. A. Napadenskiy. Svar. protzv. no. 13:2-34 Ja '68.
- Average temperature of a welding bath during the three-phase consumable electrode welding under flux of AMTs alloys. L. N. Fridman, I. P. Nikonov. Trudy Ural' politekhn. inst. no. 159:93-97 '67.
- Calculating conditions of broad-based automatic surfacing with oscillating electrodes. N. V. Korolev, M. I. Ruzhkov. Trudy Ural' politekhn. inst. no. 159:40-47 '67.
- Causes of pore formation in gas welding of iron. G. A. Ashnovskaya and others. Svar. protzv. no. 12:37-39 D '67.
- Controlling very thick welded joints with a betatron detector. O. F. Bulae and others. Svar. protzv. no. 12:8-30 Ja '68.
- Corrosion properties of KhKhNiTi steel joints welded in CO₂. V. V. Roshchin, O. N. Gusev, G. I. Aganov. Svar. protzv. no. 12:26-28 Ja '68.
- Corrosion resistance of the base metal and pipe welds from KhKhNiTi steel in alkaline solutions at high temperatures and concentrations. A. G. Aleksandrov, I. S. Goshchitskiy. Trudy Ural' politekhn. inst. no. 159:5-10 '67.
- Determining the collision parameters of flat bodies propelled by explosives in the case of explosive welding. A. A. Deribas and others. Fiz. gor. i svoystva 3 no. 2, 29:1-298 Je '67.
- Determining the electrode sphere radius in spot welding of light alloys. A. I. Pugachev. Svar. protzv. no. 12:20-21 Ja '68.
- Determining the temperature range of structural transformations in welding alloy steels. M. B. Zhukova, A. A. Eremoshin, V. A. Smirnov. Svar. protzv. no. 12:10-12 D '67.
- Developing the equipment for plasma welding of special alloys. V. V. Stepanov and others. Trudy Ural' politekhn. inst. no. 159:80-84 '67.
- Development of welding processes and technological progress in the machinery industry. B. E. Paton. Vest. mashinost. 47 no. 11:24-28 N '67.
- Device for welding titanium alloys. A. P. Pozniakov. Svar. protzv. no. 12:43 D '67.
- Diagram for determining the structure of weld metal in welding low-alloy steels. B. D. Lebedev. Svar. protzv. no. 12:3-3 Ja '68.
- Diffusion welding in the vacuum of magnet alloys. N. F. Kazakov, A. N. Gerberg, N. A. Mashkova. Svar. protzv. no. 12:35-36 D '67.
- Diffusion welding of titanium with titanium, nickel and copper. I. V. Afanas'ev. Svar. protzv. no. 12:14-14 Ja '68.
- Dzelzenshtok, Z. B., and N. L. Lushkov. [Handbook of a welder in shipbuilding]. Spravochnik svayshchika-sudostroitel' 2-e izd., dop. i pererabot. Leningrad, "Sudostroenie," 1967. 388 p.
- Economic expediency of substituting cast parts by welded ones. V. N. Sidorenko. Sbor. st. NITIASHIMASHIA Uralmashzavoda no. 15:100-112 '67.
- Effect of the gas-dynamics impact arising during the rupture of the bridge of electrode material in carbon dioxide welding. A. I. Akulov, M. I. Kiselev, V. V. Spitsyn. Svar. protzv. no. 12:18-20 D '67.
- Efficiency of the process of arc contact welding of steel pipes. I. U. G. Gagen. Razrab. nef. i gaz. mest. no. 3:3-8 '67.
- Electric-slag welding of seams of greatly varying diameters. I. U. Postovalov. Sbor. st. NITIASHIMASHIA Uralmashzavoda no. 15:93-101 '67.
- Electric slag welding of thick-wall, small-diameter tubes. I. U. Postovalov. Sbor. st. NITIASHIMASHIA Uralmashzavoda no. 15:102-105 '67.
- Electrolytic polishing of the filler wire of AMg alloy. A. F. Gritsin and others. Svar. protzv. no. 12:22-23 Ja '68.
- Equipment for CO₂ welding of pivot axles with flanges of the back axle of a ZIL-130 car. B. P. Peregrudin. Svar. protzv. no. 13:8-10 Ja '68.
- Experimental study of the heating process in arc contact welding of pipes. I. U. G. Gagen. Razrab. nef. i gaz. mest. no. 3:9-11 '67.
- Fatigue strength of the base metal and welded joints of St 3 steel. M. I. A. Shatov, O. K. Mikhov. Trudy Ural' politekhn. inst. no. 159:98-102 '67.
- Heat balance of three-phase submerged-arc welding of aluminum. I. P. Nikonov, I. N. Fridman. Trudy Ural' politekhn. inst. no. 159:56-61 '67.
- Increasing the corrosion resistance of weld joints on chemical apparatus. L. K. Zamiatukin. Trudy Ural' politekhn. inst. no. 159:28-32 '67.
- Increasing the economic efficiency of stands for welding in carbon dioxide. D. M. Pogrebelskiy. Svar. protzv. no. 13:36-36 Ja '68.
- Increasing the wear resistance of machine parts operating under conditions of micro- and contact-impact stress application. B. A. Kulishenko and others. Trudy Ural' politekhn. inst. no. 159:33-39 '67.
- Influence of carbon, boron and nickel on the tendency of chromium deposited metal to scaling. V. N. Kalhanov and others. Svar. protzv. no. 12:8-9 Ja '68.
- Influence of electroplating on the properties of bimetal steel - aluminum joints. V. R. Rikabov, A. A. Ershov, L. G. Gvinchevskaya. Svar. protzv. no. 12:29-32 D '67.
- Influence of the air and nitrogen on pore formation in weld metal during CO₂ welding. N. M. Novozhilov, T. G. Kuvshinov. Svar. protzv. no. 14:2-11 Ja '68.
- Influence of the carbon on thermal cracking of metals laminated for surfacing squeezing instruments. I. A. Tolstov, M. I. Razikov, A. V. Piskunov. Trudy Ural' politekhn. inst. no. 159:85-92 '67.
- Influence of the welding current, dynamic properties of electric current supply, and the remote control on mechanical properties of sheet steel welds. I. U. G. Gagen. Svar. protzv. no. 12:32-35 D '67.
- Influence of thermal conditions on the resistance of welded joints in extrusion welding. A. V. Gorshkov, M. G. Doolin, V. V. Audring. Svar. protzv. no. 12:40-41 D '67.
- Investigating rates of floating of the welding aerosol particles in air welding. N. I. Mosolov, M. Z. Braude. Svar. protzv. no. 14:5-16 Ja '68.
- Investigating the possibility of welding bridge construction elements using short-leg welds. V. I. Shishkin, V. A. Makurin, V. A. Kagan. Svar. protzv. no. 12:24-26 Ja '68.
- Investigating the stress distribution in double-shear joints with variable sections and intermittent shift connections by the polarization-optical method. A. N. Dorofeev, A. A. Naschkin, B. V. Trukhin. Trudy Ural' politekhn. inst. no. 159:16-27 '67.
- Investigating the weldability of 06G3S steel. V. A. Batmanov, M. V. Chumak. Sbor. st. NITIASHIMASHIA Uralmashzavoda no. 15:15-44 '67.
- Investigating the weldability of 30 KhML steel. M. V. Chumak. Sbor. st. NITIASHIMASHIA Uralmashzavoda no. 15:56-62 '67.
- Investigating the weldability of 45GL steel. S. T. Kiselev. Sbor. st. NITIASHIMASHIA Uralmashzavoda no. 15:45-65 '67.
- Ivanitskiy, G. B., V. A. Anzigitov, and M. B. Shiferman. [In-situ anticorrosive insulation of steel embedded metalwork and welded joints of precast reinforced-concrete structural elements]. Antikorroziynaya zashchita stal'nykh zakladnykh detaley i svarynykh soedineniy stoykov sbornykh zhelezobetonnykh konstruktsiy v postroyeniye usloviyakh Moskva, Stroizdat, 1966. 31 p.
- Machine for cleaning and winding welding wire. V. A. Danilov. Svar. protzv. no. 12:47 D '67.
- Manual and automatic surfacing of stainless steel on forgings of AK-type steel. V. V. Volkov. Svar. protzv. no. 11:1-16 Ja '68.
- Mechanism of forming joints in welding and brazing. G. D. Nikiforov and others. Svar. protzv. no. 12:4-7 D '67.
- Mechanism of forming weld joints in friction welding. V. P. Voinov. Svar. protzv. no. 15:8-8 Ja '68.
- Mechanization of welding operations. M. G. Leleko, G. F. Kizger. Sbor. st. NITIASHIMASHIA Uralmashzavoda no. 15:150-161 '67.
- Modernization of A-537 semiautomatic machines. V. F. Golovyn, K. S. Sorochinskiy. Svar. protzv. no. 13:1-1 Ja '68.
- Nature of physicochemical phenomena in welded and brazed joints. M. Kh. Shorshorov, I. U. L. Krasulin. Svar. protzv. no. 12:1-4 D '67.
- Necessity of changing State Standards 5263 - 58; 5264 - 58 and 8713 - 58. E. N. Kukolet. Svar. protzv. no. 14:47-47 Ja '68.
- New equipment for powered and manual welding with constricted arc. L. N. Kushnarev, I. U. A. Kogan, A. F. Garbul'. Svar. protzv. no. 13:36-38 Ja '68.
- The OSN-2 automatic machine for welding soldering lamp containers in carbon dioxide. A. A. Chubnikov, V. K. Eleks. Svar. protzv. no. 12:46-47 D '67.
- Optical investigation of the heavy-current Fe-arc. I. I. Lapin. Svar. protzv. no. 13:5-5 Ja '68.
- Organization of mechanized gas cutting. N. I. Ryzhkov. Sbor. st. NITIASHIMASHIA Uralmashzavoda no. 15:162-174 '67.
- Overall mechanization of manufacturing of welded metal structures. N. I. Ryzhkov, S. G. Polinakov. Sbor. st. NITIASHIMASHIA Uralmashzavoda no. 15:3-14 '67.
- The PSP-3E and PSP-4E semiautomatic machines for welding plastics with extruded fillers. V. P. Solov'ev, I. U. V. Evlov, L. N. Matsuk. Svar. protzv. no. 14:41-42 Ja '68.
- Peculiarities of the composition of arc-resistance welded joints. I. A. Shmaleva, L. S. Livshits, N. V. Sitnova. Svar. protzv. no. 12:8-10 D '67.
- Phil, B. E. [Mobile technical cabinet for welding operations]: from the experience of the "Mosorgstroil" of the Glavmosstroil. Poredvizhnoy tekhnicheskii kabinet svarochnykh rabot; iz opyta trestsa "Mosorgstroil" Glavmosstroila. Moskva, Stroizdat, 1967. 14 p.
- Prevention of acetone losses. G. A. Mamadov, N. N. Nadzhafov, A. A. Mirzoev. Izv. vyz. ucheb. zav., nef. i gaz. 10 no. 6:6-34 '67.
- Producing the duplex structure in welding root joints of austenitic pipes without applying element-ferritizers. V. V. Stepanov, F. A. Vagner, A. G. Aleksandrov. Trudy Ural' politekhn. inst. no. 159:75-79 '67.
- Properties of dissimilar metal joints in plasma hard facing. A. E. Vaineman, V. D. Veselkov. Svar. protzv. no. 13:20-20 Ja '68.
- Regulating welding currents in welding with carbon dioxide. D. S. Kassov and others. Svar. protzv. no. 12:15-17 D '67.
- Relaxation of stresses at variable temperatures in the process of tempering welded structures. V. V. V. V. Vinokurov. Izv. vyz. ucheb. zav., mashinost. no. 6:136-141 '67.
- Repair of steel parts by electric welding. V. A. Zhelezov, O. T. Kopytov. Sbor. st. NITIASHIMASHIA Uralmashzavoda no. 15:133-149 '67.
- Resistance to extension and shearing of double-shear electric rivet joints with various cross sections. A. Dorofeev. Trudy Ural' politekhn. inst. no. 15:1-1 '67.
- A school device for electric spot welding. N. M. Mitofanov. Shkola i protzv. no. 6:50-64 '67.
- Scientific technical seminar on resistance welding of metals. A. A. Chapalev. Svar. protzv. no. 13:1-1 Ja '68.
- Soldering heat exchangers made of KhKhNiTi steel. R. V. Savichev, S. G. Kulik. Svar. protzv. no. 13:1-1 Ja '68.
- Surfacing of large journal bearings with babbit. Z. I. Fridlik. Sbor. st. NITIASHIMASHIA Uralmashzavoda no. 15:175-187 '67.
- Surfacing sheet mill rolls with a powder band. I. I. Zelenkin and others. Svar. protzv. no. 13:17-17 Ja '68.
- Toward new achievements in 1968. Svar. protzv. no. 1 Ja '68.
- Training in welding in manual training classes. V. F. Izvragov. Shkola i protzv. no. 6:36-39 Ap '67.
- Twin-arc welding of aluminum with nonconsumable electrodes. U. I. Bliman, G. P. Salamatov. Svar. protzv. no. 12:24-27 D '67.
- The UDC-301 and UDC-501 equipment for argon-arc welding of aluminum. A. S. Rostovskiy. Svar. protzv. no. 14:1-1 Ja '68.
- Use of carbon dioxide in underwater welding. B. M. Mitov. Svar. protzv. no. 12:12-15 D '67.
- Vacuum equipment for diffusion welding and soldering products. I. F. Afanas'ev. Svar. protzv. no. 12:4-4 D '67.
- Voltampere characteristic of a power consumer during the arc-on cutting. V. S. Milutin. Ural. Ural. Trudy Ural' politekhn. inst. no. 159:48-55 '67.
- Welding and surface hardening in water vapor. L. S. Sapiro. Svar. protzv. no. 12:41-42 D '67.
- Welding in carbon dioxide. G. T. Kopytov. Sbor. st. NITIASHIMASHIA Uralmashzavoda no. 15:113-122 '67.
- Welding of television antenna towers. G. M. Pchelintskiy, L. L. Rubanovich. Svar. protzv. no. 12:20-24 D '67.
- Welding on a pad of core sand. M. A. Kurashov. Svar. protzv. no. 13:30-31 Ja '68.
- Welding screens of mercury-arc converters in carbon dioxide. L. I. Chingurova, A. A. Eliseeva. Svar. protzv. no. 12:43-44 D '67.
- Welding up defects of brass screw propellers of large-capacity ships. A. P. Pashkov, E. G. Kiperchik, W. E. Kudashchev. Svar. protzv. no. 12:42 D '67.
- Welding vats of washing machines with a three-phase arc in argon. I. P. Nikonov and others. Svar. protzv. no. 31-32 Ja '68.

621.791(431)—German Democratic Republic

- Welding techniques in the German Democratic Republic. A. I. A. Biedskil, A. I. Kruehkov, A. M. Poter. Svar. protzv. no. 13:48-49 Ja '68.

621.791(474.5)—Lithuanian S. S. R.

- Republican seminar on welding at Vilnius. A. Z. Glazov, L. N. Fedotov. Svar. protzv. no. 16:60-61 Ja '68.

621.793 METALLIZATION

- Nickel-phosphorus coatings as method of reconstruction and increasing the wear resistance of marine engine parts. M. T. Dvorkin, A. V. Kartayev. Trudy LIT no. 94:20-26 '67.
- Possibility of closing up defects of the open crack type with diffusion saturation of metals. G. V. Kargin. V. I. Pokhums'kiy. Dop. AN URSR. Ser. A 29 no. 12:1131-1133 D '67.

621.798 PACKAGING

- Cement transportation in bags and containers. A. I. Kaplan. Mekh. i avtom. protzv. 20 no. 11:13-16 N '66.
- Experimental transportation of cement in belt sling containers. I. U. V. Pavlov. Mekh. i avtom. protzv. 20 no. 11:17 N '66.
- High-speed contactless nonreversible devices of automatic packaging machines. V. I. Lutsay, B. N. Goncharov, N. I. Koval', Khleb, i kond. prom. 11 no. 11:17-22 N '67.
- Industrial design and packaging. Tekh. est. 3 no. 4:5 Ap '66.
- Some tendencies in the planning of packaging abroad. E. Chernevitsh. Tekh. est. 3 no. 4:13-15 Ap '66.
- What causes the solidity of the binding strength of elementary layers of multilayered paperboard. G. E. Kraft, G. A. Tol'skii. Bum. prom. no. 10:7-8 O '65.

621.8 POWER TRANSMISSION. MATERIALS HANDLING. MECHANICAL FIXING, ATTACHMENT. LUBRICATION

- Calculating the tail of a dredger bucket chain. A. Starikov. Rech. transp. 26 no. 11:36-38 '67.

- Calculations for crane truck frames. P. K. Gedyk. Trudy Sverd. sel'khoz. inst. 14 264 '65
- Crane pulley blocks; designs and calculations. P. K. Gedyk. Trudy Sverd. sel'khoz. inst. 14 265-266 '65
- Device for collecting metal objects from the belts of conveyors. B. A. Parshits, V. A. Pakulin. Bum. prom. no. 10-18-10 O '66
- Dynamic reactions of the film lubricant of a radical gas dynamic bearing. I. U. Ivanov. Izv. vys. ucheb. zav., prib. no. 11-113-116 '67
- Effect of the microstructure of the thickening agent in lithium greases on boundary friction. G. G. Shchegolev, I. U. Ivanov, A. A. Trapchikov. Kull. zh. 29 no. 5 739-744 S-O '67
- Efficient assembly of bearings on a diesel engine crankshaft. N. Rukavishnikov. Rech. transp. 26 no. 11 26-27 '67
- Equipment of dynamic compensation of electric current regulators in electric drives carrying the ship. B. V. Braginskich. Stal' 27 no. 12 111-113 D '67
- Equipment speeds work. N. Medvedev. Tyl i snab. Sov. Voor. Sil' 28 no. 10-76-80 O '67
- Experimental main line diesel locomotives with hydraulic transmission. Zhelezn. dor. transp. 49 no. 7 88-89 JI '67
- Formation of stable paramagnetic compounds in the oxidation of motor oils. G. S. Shimonov, G. V. Zakharov. Neftekhimika 7 no. 4:623-626 JI-Ag '67
- Investigating the protection of dragline excavators from emergency conditions during the stretching of the bucket. V. A. Tkachenko. Gid. elektromekh. i avtom. no. 6:88-91 '66
- Magnetic measuring scales of kinematic measuring devices. A. A. Asmus, I. A. Belikmanov. Izv. tekhn. no. 8:20-22 Ag '67
- Mechanizing warehouse operations and scientific labor organization. P. Mogilko, F. Pilyonko. Tyl i snab. Sov. Voor. Sil' 28 no. 12 76-83 D '67
- Mel'nikov, N. N. [Waste rock formation with walking drag-line excavators, intensification of piling] Otvalo-obrazovanie shagatushchimi draglinami na kar'erakh, intensifikatsiya otvalnykh rabot. Moskva, "Nedra," 1967. 111 p
- Regulating the speed of lifting and lowering cargo on KPI-5-30 cranes. I. U. Maslov. Rech. transp. 26 no. 11 49 '67
- Retaining properties of a lubricant in the performance of an open joint of friction. D. T. Gasyuk. Izv. vys. ucheb. zav., nef. i gaz. 10 no. 6:115-118 '67
- Securing metal connecting ramps when loading equipment. N. Batorin. Tyl i snab. Sov. Voor. Sil' 28 no. 12 89-90 D '67
- State of the gear measuring technology in the U. S. S. R. B. A. Taita. Izv. tekhn. no. 11-27-32 N '67
- This speeds up the delivery of cargo. I. U. Likhitskil. Tyl i snab. Sov. Voor. Sil' 27 no. 9 60-70 S '67
- 621.81 MACHINE ELEMENTS**
- Ceramic metal structural parts. I. D. Radomyshchik. Porosh. met. 7 no. 10 63-75 O '67
- Mechanizing the management of spare parts supply. V. Savosin, A. Dardyk. Mat.-tekhn. snabzh. 2 no. 11:77-83 N '67
- Plotting of rectangular trimetric projection of machine parts in the process of construction. M. G. Kanayev, G. G. Makukha. Izv. vys. ucheb. zav., mashinost. no. 6 5-7 '67
- Vasilev, V. V. [Economic efficiency of introducing plastic parts in machine manufacture in connection with the use of precision norms] Ekonomicheskaya effektivnost' vnedreniya detalей iz plastmassy v mashinostroyeniye v svyazi s ispol'zovaniem norm tochnosti. Leningrad, 1967. 19 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Plastmassy i ikh primeneniye v prom-sti")
- 621.82 TRANSMISSION SYSTEMS AND PARTS**
- Antonov, A. S. [Power transmission of wheel and track-laying vehicles. Theory and design] Silovoye peredachi koleznykh i gusenichnykh mashin. Teoriya i raschet. Leningrad, "Mashinostroyeniye," 1967. 439 p.
- Calculating gear clutches with barrel-shaped teeth. V. S. Poltskov, V. N. Kos'kin. Izv. vys. ucheb. zav., mashinost. no. 6 52-57 '67
- Derivation of the formula to determine the angular acceleration of the connecting rod in a simple crank mechanism by applying the Coriolis theorem. B. P. Kulter. Izv. vys. ucheb. zav., mashinost. no. 6:8-14 '67
- Development of research on materials for sliding bearings in the U. S. S. R. M. M. Kirushchov. Vest. mashinost. 47 no. 11-40-44 N '67
- Energy estimation of the performance of the rubber-metal heel of a turbodrill. P. I. Astaf'ev, M. B. Barinov, N. I. Shatov. Izv. vys. ucheb. zav., nef. i gaz. 10 no. 10-24-26 '67
- Overall standardization of high-speed antifriction bearings. E. A. Panfilov, I. B. Tormozova. Stand. i kach. 31 no. 9:8-12 S '67
- Study of the construction of the internal cooling system of a bearing. F. Z. Ratnov. Teploenergetika 13 no. 12:28-35 D '66
- 621.83 GEARS, CAMS, LINKS, RATCHETS**
- Basic trends in improving standards for tolerances of gears. B. A. Taita. Stand. i kach. 31 no. 9:12-14 S '67
- Geneva wheels to increase the performance of a multi-position automatic machine. P. G. Kulharanko. Izv. vys. ucheb. zav., mashinost. no. 6 15-22 '67
- Safety factor of involute gear engagement. V. G. Frolov. Vest. mashinost. 47 no. 11-44-47 N '67
- Small premeditated changes of a theoretically precise diagram in cutting bevel gear pairs with circular teeth, using mutually complementary shaping wheels having a spherical shaping surface. V. M. Denisov. Izv. vys. ucheb. zav., mashinost. no. 6 11-118 '67
- Strength calculation of the annular rim of an internal engagement gear wheel. V. M. Astashev, I. U. L. Vasilev. chenko. Izv. vys. ucheb. zav., mashinost. no. 6 45-52 '67
- Zablonskii, K. I. [Rigidity of gears] Zhestkost' zubchatykh peredach. [Kiev, "Tekhnika," 1967] 257 p
- 621.85 FLEXIBLE TRANSMISSIONS AND DRIVES**
- Investigating motion irregularities of chain drives. G. K. Rabov. Izv. vys. ucheb. zav., mashinost. no. 6 59-60 '67
- 621.86 MATERIALS HANDLING MECHANICAL HANDLING AND HOISTING EQUIPMENT**
- Automatic control of transportation and storage operations. Mekh. i avtom. prozv. 20 no. 11-50-53 N '66
- Bunker unit for storage of loose materials subject to caking. A. A. Aliakrinskiy. Mekh. i avtom. prozv. 20 no. 11 26-28 N '66
- Characteristic examples of the wear of parts and units of overhead conveyors. V. K. Danchikov, A. A. Anan'kin. Mekh. i avtom. prozv. 20 no. 11-47-48 N '66
- Control unit for log dumping on a sorting conveyor. V. A. Krut'kov, V. M. Tselin. Mekh. i avtom. prozv. 20 no. 11 32-35 N '66
- Designing overhead pusher conveyor systems. M. A. Rikman. Mekh. i avtom. prozv. 20 no. 11-44-46 N '66
- Effect of the volume of conveyed parts on the operation of a vibrator. I. U. S. Tikhomirov. Izv. vys. ucheb. zav., mashinost. no. 6 98-102 '67
- Exhibits of innovators in transportation. Mekh. i avtom. prozv. 20 no. 11-41-43 N '66
- Hydraulic jack with a flexible working surface. V. G. Lapshin. Mekh. i avtom. prozv. 20 no. 11-40 N '66
- Kudakin, A. V. [Electric equipment of hoisting and conveying machines] Elektrooborudovanie pod'emno-transportnykh mashin. Moskva, "Transport," 1967. 336 p
- Mechanization of loading and unloading operations on temporary platforms, practices of the Zimovniki Grain Receiving Station. P. Likhachev. Muk.-elev. prom. 33 no. 10 18 O '67
- Use of hydraulic elevators in underground mining. N. S. Bolotskiy. Mekh. i avtom. prozv. 20 no. 11-18-19 N '66
- 621.87 CRANES AND OTHER HOISTING MECHANISMS. EXCAVATORS, DREDGERS, ETC**
- [Erection of BKSM-5-5 tower cranes using an erecting mast without steep-lifting operations] Montazh bashennykh kranov BKSM-5-5 pri pomoshchi padaiushchey nachy bez verkholaznykh rabot. Moskva, Stroiizdat, 1967. 22 p.
- Increasing the service life of conveyor belts. V. A. Gendom. Ugol' 43 no. 1 53-54 Ja '66
- Installing technological equipment with braced crane booms. E. I. Kremetskii. Mont. i spets. rab. v stroi. 20 no. 8:13-17 Ag '67
- Investigating the d. c. electric drive of working equipment mechanisms on underground excavators. A. P. Kruglikov, S. S. Muzgin. Trudy Inst. gornogo dela Kazakh. SSR 29:42-49 '67
- Methods of determining the performance of dump pile excavators. S. S. Karpov. Trudy Inst. gornogo dela Kazakh. SSR 28:81-85 '67
- A new progressive trend in conveyor transportation in mines and open-pit mines. A. O. Spivakovskii, V. G. Dmitriev. Ugol' 43 no. 1 42-47 Ja '66
- Ryzhkov, V. M., and A. T. Migukin. [Slings for construction operations; manual for slingers] Stropovka stroitel'nykh gruzov, posobie dlia stroitel'shekhov. Leningrad, "Stroiizdat," 1967. 72 p.
- Statistical investigation of loads acting in the working equipment of EP-1 excavators. E. V. Upatov. Trudy Inst. gornogo dela Kazakh. SSR 29 50-60 '67
- 621.88 MECHANICAL ATTACHMENTS AND FIXINGS**
- Criteria for modeling raker loading mechanisms. Kh. Kozhamuratov. Trudy Inst. gornogo dela Kazakh. SSR 29 60-71 '67
- Parameters of tight threaded joints. A. F. Chistop'ian. Stand. i kach. 31 no. 9:28-29 S '67
- Selecting trapezoid sections for spring coiling. V. N. Stoliarov. Stal' 27 no. 12:1130-1140 D '67
- 621.89 LUBRICATION. FRICTION REDUCING AND INCREASING DEVICES**
- Ceramic metal materials for friction units. I. M. Fedorchenko. Porosh. met. 7 no. 10 51-62 O '67
- Chichinadze, A. V. [Calculation and investigation of external friction during braking] Raschet i issledovanie vneshnego treniya pri tormozhenii. Moskva, "Nauka," 1967. 231 p.
- Effectively closed differential mechanism and its reducing and measuring qualities. A. I. Solov'ev. Izv. vys. ucheb. zav., mashinost. no. 6 23-28 '67
- [Lubricating-cooling fluids (SOZh) with surface-active additives for the machining of low-workability alloys] Smazochno-okhlazhdushchie zhidkosti (SOZh) s poverkhnostno-aktivnymi prisdadkami dlia mekhanicheskoi obrabotki trudnoobrabatyvaemykh splavov. Leningrad, 1967. 38 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Progressivnye metody obrabotki materialov")
- Papers on the use of fuels, lubricants, and additives in the Sixth World Petroleum Congress. A. B. Vipper, K. K. Papok. Neft. i neftekhim. no. 9 47-19 '67
- Selecting initial composition of atmosphere and temperature in testing condensed oils for gas-tightness. Neft. i neftekhim. no. 9 10-13 '67
- Soaps as fillers for lithium lubricants. I. G. Tuka, A. N. Chernyak, B. N. Kartalin. Neft. i neftekhim. no. 9 20-23 '67
- Studying additives synthesized on the basis of naphthenic hydrocarbon derivatives. I. M. Orudzheva, Sh. M. Novruzov. Azerb. neftekhim. 44 no. 9 37-38 S '65
- Water resistance and protective properties of lead-aluminum lubricants. V. V. Vainshtok, A. Fekhtel'var, F. P. Mizinova. Neft. i neftekhim. no. 9 17-20 '67
- 621.9 TOOLS MACHINE TOOLS. MACHINING**
- Arshinova, V. A., and G. A. Alekseev. [Metal cutting and metal-cutting tools] Rezanie metallov i rezushchii instrument. Izd. 2-e, pereabot i dop. Moskva, "Mashinostroyeniye," 1967. 499 p.
- The bits of draw knives with welded plates. V. A. Ruzakov. Shkola i prozv. 10 no. 8 65 Ag '66
- Calculation of errors in profile turning. M. A. Luzhnikovskaya. Izv. vys. ucheb. zav., prib. 9 no. 1 152-158 '66
- Cutting pipes and metal with abrasive wheels. V. D. Abegazov, I. L. Rubin. Mont. i spets. rab. v stroi. 29 no. 8 27-28 Ag '67
- Design, construction, and operation of spindles of hydraulic lathes for finishing fabricated optical parts. B. D. Gorelik and others. Opt.-mekh. prom. 33 no. 4:35-38 Ap '66
- Device for feeding sheet material to the equipment for further processing. N. Kudin. Rech. transp. 26 no. 11 28 '67
- [Electric pulse machining of metals] Elektroimpul'snaya obrabotka metallov. Moskva, "Mashinostroyeniye," 1967. 205 p.
- Electrolytic polishing of the filler wire of AMG6 alloy. A. F. Gritsenko and others. Svar. prozv. 10 no. 1 22-23 Ja '68
- Electrophysical and electrochemical methods of dimensional shaping. A. L. Lysolitsa. Vest. mashinost. 47 no. 11 60-63 N '67
- Energy parameters of shears for precise cutting of blanks from rolled sections. I. A. Remikh, S. V. Bondarenko. [Nauch. trudy] ENKMASIA no. 16 3-17 '67
- [Expanding the science of metal cutting] Razvitiye nauki o rezanii metallov. Pred. red. kolegi N. N. Zorev. Moskva, "Mashinostroyeniye," 1967. 416 p.
- Industrial testings of the chamber automatic FPAKM-25-45u filter press for dewatering products of coal flotation. D. I. Steiner, O. L. Bruk, V. L. Ushakov. Koks i khim. no. 7 3-6 '67
- Influence of the rope on the stability of the system for automatic regulation of stresses in electric motors of mine shaft boring equipment. I. A. Malitskii. Gid. elektromekh. i avtom. no. 6 55-61 '66
- Investigating the coal crushing process with the aid of rapid motion-picture filming. I. G. Kapel'zon, O. G. Unterberger. Koks i khim. no. 6 42-45 '67
- Kushlan, R. A. [Industrial experience in electric erosion machining of die and mold parts] Proizvodstvennyi opyt elektroerozionnoi obrabotki detalей shtampov i pressform. Leningrad, 1967. 19 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: Progressivnye metody obrabotki materialov).
- Loladze, T. N., and G. V. Bokuchava. [Wear of diamonds and diamond wheels] Iznos almazov i almaznykh krugov. Moskva, "Mashinostroyeniye," 1967. 110 p.
- [Lubricating-cooling fluids (SOZh) with surface-active additives for the machining of low-workability alloys] Smazochno-okhlazhdushchie zhidkosti (SOZh) s poverkhnostno-aktivnymi prisdadkami dlia mekhanicheskoi obrabotki trudnoobrabatyvaemykh splavov. Leningrad, 1967. 38 p. (Leningr. dom nauch.-tekhn. propagandy. Seriya "Progressivnye metody obrabotki materialov")
- Petrov, I. V., and N. A. Petrova. [Progressive equipment for the machining of laminated plastics] Progressivnoe oborudovanie dlia obrabotki sloistykh plastmass. Leningrad, 1967. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya: "Plastmassy i ikh primeneniye v promyshlennosti")
- Practical course in metal working in secondary schools. B. A. Sokolov. Shkola i prozv. 11 no. 8:40-43 Ag '67
- A school device for electric spot welding. N. M. Mitrofanov. Shkola i prozv. 10 no. 8:50-64 Ag '66
- Selection of electric drive and results of testing long-stroke drills for soft rocks. S. I. Sidoren. Gid. elektromekh. i avtom. no. 6:113-118 '66

ank presses, N N Vasil'ev (Nauch trudy)
 IKMASH no 16 109-130 '67

in coal mines of the Lvov-Volyn' Basin. V.S.
I. F. Kuznetsov Ugol' 43 no.1 30-33 Ja '68

24. No. 0-27 N-D 187.

- Building the centers, comrades miners! Sov. shakht. 16 no. 5-12 My '67.
- I am a miner. V mire knizh. 7 no. 12-18 '67.
- Increasing salt resistance of aqueous suspensions of topsoil clay by the addition of polyglycolate. N. N. Klugishkin and others. Neft i gaz. prom. no. 6 16-19 N-D '67.
- Influence of equipping bits with edges on the efficiency of rock breaking during percussion drilling. S. G. Kuleshin. V. A. Tsotikhtsev. Trudy Inst. gornogo dela Kazakh SSR. 29 20-24 '67.
- Influence of the change of mine workings cross sections on the performance of the basic mining equipment. T. M. Mukhtarov. Trudy Inst. gornogo dela Kazakh SSR. 29 111-114 '67.
- Influence of the degree of water encroachment on the expenditure of energy in mechanized production of petroleum and taking this factor into consideration in long-range planning. V. P. Khilavskiy. Ekon. nefteob. prom. no. 6 28-33 '67.
- Initiative gathers strength. A. Shepelev. Sov. shakht. 16 no. 1-12 My '67.
- Investigating stresses in the bodies of preventers. V. A. Marzhanov, Khim. i nef. mashinost. no. 12, 19-21 D '67.
- Investigating the impact of a tooth of a rock bit crown on a rigid bottom. P. I. Ogorodnikov, E. I. Shelepin. Razrab. nef. i gaz. mest. no. 3 26-27 '67.
- Investigating the source of electrostatic sparks preventing explosion hazards during the operation of equipment. P. S. Zateshko. Ugol' 13 no. 1 61-62 Ja '68.
- The large and the small problems. R. Steblikovskiy and others. Sov. shakht. 16 no. 3-5 My '67.
- Life and work of petroleum workers in the U.S.S.R. A. M. Zhdanov, N. P. Svetlov. Neft. khoz. 44 no. 10 58-63 O '67.
- Longitudinal stability of production casing. S. M. Kuliev, I. P. Kasimov. Dopr. AN Azerb. SSR. 23 no. 7-31-31 '67.
- Marzhanov, S. A., and V. P. Samoilov. [Building underground structures with the help of mining shields] Stroitel'stvo podzemnykh sooruzhenii s pomoshch'yu plokhodcheskikh shechitov. Moskva, "Nedra," 1967. 206 p.
- Method of determining the economic limit of the yield of petroleum bearing layers. I. I. Ryzhnikov. Ekon. nefteob. prom. no. 6 25-27 '67.
- Method of planning for drilling speed. A. M. Ratner, T. A. Surdakov. Ekon. nefteob. prom. no. 6 7-12 '67.
- Methodology of calculating permissible stretching load on pipes suspended on pneumatic rotary slips. I. G. Uzunov and others. Razrab. nef. i gaz. mest. no. 4 37-39 '67.
- Methodology of sampling and formation of recombinant samples. P. V. Mikhailov. Neft. prom. delo no. 12 7-10 '67.
- Methodology of studying new reagents for the chemical treatment of drilling muds. M. M. Gurvich, A. K. Miskarili. Azerb. nef. khoz. 44 no. 9 19-21 S '65.
- Methods and results of investigating the mechanical breaking of rocks. S. G. Kuloshin. Trudy Inst. gornogo dela Kazakh SSR. 29 18-19 '67.
- Methods of determining labor productivity in open-pit mines. B. Zh. Kul'dzhinov, A. M. Zheleznyak. Trudy Inst. gornogo dela Kazakh SSR. 29 74-80 '67.
- Methods of determining the performance of dump pile excavators. S. S. Karpukov. Trudy Inst. gornogo dela Kazakh SSR. 29 81-85 '67.
- Mirzakhov, S. B. [Equipment and technology of drilling second shifts] Tekhnika i tekhnologiya zarazki vtorogo stvola skvazhin. Moskva, "Nedra," 1967. 63 p.
- Modeling the process of the exploitation of oil and gas pools. S. A. Kundin, G. I. Korotkiy, A. M. Nagiev. Izv. AN Azerb. SSR. Ser. nauk o zem. no. 5 116-121 '66.
- New equipment is of service to miners. V. F. Kalnichenko, V. A. Tsenet, V. I. Dementchenko. Met. i gorn. prom. no. 5 67-70 S-O '67.
- Newspaper "Pravda" in the Donets Basin. Sov. shakht. 16 no. 5 19-21 My '67.
- Nonstationary flow of a viscous fluid in the clearance between the plunger and cylinder of a subsurface pump at varying pressures in the cylinder. R. S. Gubanov, I. M. Rafatov, R. G. Keimov. Azerb. nef. khoz. 44 no. 9 30-32 S '65.
- Oil field machinery industry during the past 50 years. L. S. Glikman. Neft. khoz. 45 no. 10 41-47 O '67.
- Parallel and consecutive conducting of basic working face operations during drifting in horizontal workings. M. Ch. An, B. B. Belisov, T. M. Mukhtarov. Trudy Inst. gornogo dela Kazakh SSR. 29 107-110 '67.
- Planning deep well drilling in oil and gas prospecting. V. I. Skrynnik. Neft. i gaz. prom. no. 4 28-30 Ji-Ag '67.
- Possible size of a cave zone forming behind the production casing on account of sloughing of sand. S. T. Ovnaninov, K. A. Karapetov. Neft. prom. delo no. 12 13-16 '67.
- Preparing casings for running. N. M. Polink, V. N. Bugaev. Neft. i gaz. prom. no. 4 15-17 Ji-Ag '67.
- Prevention of the wear through of the upper part of casings and the above-column equipment. M. S. Gaevoi, V. S. Potopal'skiy. Neft. i gaz. prom. no. 5 19-20 '67.
- Problems of calculating a double-tube core barrel with a water-jet pump. G. I. Neudachin and others. Izv. vys. uch. zav. nef. i gaz. 10 no. 10 27-30 '67.

- Progress in the development of oil and gas fields and exploitation of wells. V. A. Kalamkarov, R. Sh. Mungarbayev, T. A. Tichan. Neft. khoz. 45 no. 10 25-33 O '67.
- Rafienko, I. I. [Effective methods for liquidating circulation losses in drilling] Effektivnye metody likvidatsii pogloshchenniy promyvochnoy zhidkosti pri burenii. Moskva, "Nedra," 1967. 189 p.
- Regulating structural and mechanical properties of weighted suspensions. Sh. M. Garaev, G. I. Dedushenko. Azerb. nef. khoz. 44 no. 9 21-23 S '65.
- Research in the gas industry. P. A. Tesner. Gaz. prom. 12 no. 10 14-17 O '67.
- Results of the comparative estimate of rotary-percussion drills in drilling hard rocks. E. V. Sheremet'ev, V. A. Novikov, V. G. Ichukh. Trudy Inst. gornogo dela Kazakh SSR. 29 33-37 '67.
- Seepage of a two-phase fluid in a layer heterogeneous according to permeability. S. I. Akperov, G. M. Gasimov. Izv. AN Azerb. SSR. Ser. nauk o zem. no. 5 98-105 '66.
- Selecting an efficient method of controlling conditions of roller bit drilling of blastholes. A. M. Muratov and others. Trudy Inst. gornogo dela Kazakh SSR. 29 5-13 '67.
- Selection of electric drive and results of testing long-stroke drills for soft rocks. S. I. Sidorov, G. I. Elektromekhi, i avtom. no. 6 113-118 '66.
- Seminar of the specialists of drilling muds. A. N. Litov. Neft. i gaz. prom. no. 6 50 N-D '67.
- Skoba, N. D. [Rapid horizontal mining; economics and organization] Skorostnoye povedenie gorizontalnykh gornykh vyibutok, ekonomika i organizatsiya. Moskva, "Nedra," 1967. 130 p. (Konkretnaia ekonomika dlin gornolavov).
- Some features of the apparatus for subsurface measuring of vibrations during electric drilling. S. K. Korim-zado, R. G. Dzhangapov. Izv. vys. uch. zav. nef. i gaz. 10 no. 6 93-94 '67.
- Some methodological problems of justifying expenditures for the construction of oil field roads. V. G. Karpov. Ekon. nefteob. prom. no. 6 34-36 '67.
- Some problems of changing over drilling organizations to the new system of planning and economic incentives. S. G. Plotnik, Z. M. Bekolaitis, B. F. Iantsen. Ekon. nefteob. prom. no. 6 3-6 '67.
- Some problems of the economic efficiency of using light alloy drill pipes. I. S. Gorkina. Ekon. nefteob. prom. no. 6 16-19 '67.
- Some results of analyzing the wear-off of diamond bits. F. V. Kozinaga, B. V. Fedunin. Neft. i gaz. prom. no. 5 23-25 '67.
- Soviet training specialists visiting France. B. Novskii, I. U. Lebedev. Atom. energ. 23 no. 6 586-588 D '67.
- Statistical analysis and modeling on electronic digital computers of the duration of basic industrial operations in open-pit mines. U. A. Dzhalilaganov, T. V. Nedlin. Trudy Inst. gornogo dela Kazakh SSR. 29 41-49 '67.
- Study of the process of well flooding in elastic drive. K. N. Dzhalilov, M. A. Gadzhiev, N. D. Dzhalilov. Izv. AN Azerb. SSR. Ser. nauk o zem. no. 1/4 201-208 '67.
- Theoretical and experimental study of the sand jetting process for the perforation of oil and gas wells. S. V. Gal'kovich and others. Izv. vys. uch. zav. nef. i gaz. 10 no. 10 41-47 '67.
- Thermal stability of drilling muds. K. F. Paus, V. G. Dovzhuk. Izv. vys. uch. zav. nef. i gaz. 10 no. 6 38-40 '67.
- Under the sign of technical progress. A. P. Smirnov. TSvet. met. 40 no. 10 34-42 O '67.
- Use of hydraulic elevators in underground mining. N. S. Bolotnikov. Mekh. i avtom. proizv. 20 no. 11-16-19 N '66.
- Using above-bit surge dampers in oil and gas-well drilling. E. I. Shelepin, B. I. Chaikovskii, P. I. Ogorodnikov. Razrab. nef. i gaz. mest. no. 3 40-43 '67.
- Using integration methods in the studies of the dynamics of drilling tools. A. D. Sotsebrvili, G. M. Djalov. Izv. vys. uch. zav. nef. i gaz. 10 no. 6 41-46 '67.
- Using mud materials in well drilling. I. Pershina. G. Kvitkadze. Prom. Arm. 0 no. 8 28-30 '60.
- Using special functions for the effective solution of one of the basic problems of the theory of elastic drive. V. N. Shehelachev. Izv. vys. uch. zav. nef. i gaz. 10 no. 10 61-63 '67.
- Using the correlation method in analyzing net costs of well construction. L. M. Umanskii. Izv. vys. uch. zav. nef. i gaz. 10 no. 6 105-111 '67.
- Vozdvizhenskii, B. I., and others. [Fundamentals of boring in mining] Osnovy gornoburovogo dela. Pod red. N. I. Kulchikhina. Moskva, "Nedra," 1967. 287 p.
- Ways to reduce gas permeability of hardened cement. A. M. Skachetub, N. I. Marukhniak, N. A. Nikolaienko. Razrab. nef. i gaz. mest. no. 3 32-36 '67.
- Your trade union. I. Mikhalenko. Sov. shakht. 16 no. 5 14 My '67.

622, 2(234)—Mountains of Europe

- From history of the development of Soviet copper Urals. V. S. Gulin. TSvet. met. 40 no. 10 88-89 O '67.

622, 2(471.1)—Northern R. S. F. S. R.

- Aganbekov, K. I. [Vertical shaft sinking beyond the Arctic Circle] Prokhodka vertikal'nykh stvolov shakht v Zapoliar'e. Moskva, "Nedra," 1967. 117 p.

622, 2(471.4)—Tatar A. S. S. R.

- Bringing into development oil fields and oil pools with small oil resources in the Tatar A. S. S. R. S. P. Nikonorov, K. I. Arizov, R. A. Baev, Ekon. nefteob. prom. no. 8 20-24 '67.
- Communist crew at the forefront (continuation). A. G. Nikishin. Neftianik 8 no. 7 6-7 Ji '63.
- Hammes, Knöch, ... U. Sevast'ianov. Neftianik 12 no. 11 27 N '67.

622, 2(471.45)—Volgograd Province

- Training qualified oil field workers. E. Pimenov. Neftianik 8 no. 7 14-15 Ji '63.

622, 2(471.5)—Ural regions

- [Mining mineral deposits in the Ural Mountain region] Raziabotka mestozhdenii poleznykh iskopaemykh Urala. Moskva, "Nedra," 1967. 590 p.

622, 2(471.52)—Bashkir A. S. S. R.

- Aleksandr Novikov and his crew. I. A. Shul'man, I. U. Belotsov. Neftianik 12 no. 11 21-26 N '67.
- Casting parts from capron and polyethylene. L. Kokorina. Neftianik 8 no. 7 16 Ji '63.
- Section of the communist labor. A. Umadilov. Neftianik 8 no. 7 8 Ji '63.

622, 2(471.55)—Chelyabinsk Province

- Value of the moving pitch of powered supports under conditions of the Chelyabinsk Basin. V. K. Zheleznyak, V. I. Dushinin, I. G. Koslov. Ugol' 13 no. 1 17-19 Ja '68.

622, 2(471.66)—Chochen-Ingush A. S. S. R.

- Conquerors of earth resources; from the practice of rapid drilling of problem wells. A. P. Zheleznyak. Neftianik 8 no. 7 26-28 Ji '63.
- Sealing petroleum wells in an exemplary manner. I. V. Vuk. Neftianik 8 no. 7 21 Ji '63.
- A well 5020 m deep. E. M. Levin and others. Neftianik 8 no. 7 28-29 Ji '63.

622, 2(477)—Ukrainian S. S. R.

- Advance and length rate of cutter-loader mined longwalls with individual supports in the Kuznetsk Basin. A. K. Kovrizhina, V. A. Sudarev, V. V. Kuznetsov. Ugol' 43 no. 1 28-30 Ja '68.
- Developing the Shobolinka field under the conditions of nonuniform pressure drops in gas-bearing horizons. P. A. Gelash, V. I. Zil'berman, M. G. Ulanov. Neft. i gaz. prom. no. 4 30-31 Ji-Ag '67.
- Development of drilling operations in the Ukraine during the Soviet rule. V. I. Kullavov, V. I. Ponikavskii. Neft. i gaz. prom. no. 5 16-19 '67.
- Influence of depth on the technical and economic indices of drilling wells under the conditions of the Ukrainian S. S. R. M. I. Baturavskii, V. N. Panchenko, G. P. Korol'. Ekon. nefteob. prom. no. 8 12-16 '67.
- Selecting the most effective standard models of bits for drilling deep wells in the Dnieper-Donets Lowland. N. V. Shchukhin, V. P. Dvornik, N. A. Zhdovisev. Neft. i gaz. prom. no. 4 21-24 Ji-Ag '67.
- Technical and economic indices and a method of calculation for high-voltage networks in the Kirov Rog Basin open-pit mines. V. M. Lipin, A. Z. Nikolaevich. G. I. Elektromekhi, i avtom. no. 6 8-11 '66.
- Using diamond bits for tapping and drilling thick gas-bearing horizons with anomalous pressure in the Kogichovka and Yefremovka areas. N. M. Voropai and others. Neft. i gaz. prom. no. 4 17-20 Ji-Ag '67.

622, 2(477.0)—Donets Basin

- Inefficiency of the organization of operations in plow-mined longwalls in mines of the Shakhhtar'skii Trust. N. I. Skvortsov. Ugol' 43 no. 1 18-21 Ja '68.

622, 2(477.8)—Western Ukraine

- Controlling the development of the Menilite oil pool of the Glubinnaya fold in the Bitkov field. A. I. Akul'shin, N. S. Shvachek. Razrab. nef. i gaz. mest. no. 3 48-51 '67.
- Preserving physicochemical properties of the reservoirs of low permeability when drilling oil-producing horizons in the Carpathian Mountain region. U. L. Skafskaf, B. E. Leiner. Razrab. nef. i gaz. mest. no. 3 28-32 '67.
- Recovery factor of the Vygoda pool of the Dolina field, developed by maintaining the reservoir pressure by water injection. A. I. Akul'shin. Razrab. nef. i gaz. mest. no. 3 44-47 '67.
- Standards of operational costs in planning the development of oil fields in the Caspian mountain region. E. A. Brovko, Zh. I. Karmanshevskaya. Neft. i gaz. prom. no. 6 31-34 N-D '67.

622, 2(476.24)—Azerbaijan S. S. R.

- Berkolaitko, Z. M., and others. [Economic problems and ways to reduce costs in the construction of deep wells in the fields of Azerbaijan] Voprosy ekonomiki i puti snizheniya sebestoinosti stroitel'stva glubokikh skvazhin na ploshchadakh Azerbaidzhana. Baku, Azernesht, 1965. 130 p.

622.2(479 24) (Continued)

Determining initial water-oil contact in horizon I of the Karmakli seeps in the Buzovny-Mashaghi field. T. A. Kulieva. Izv. vuz. ucheb. zav., nef't i gaz. 19 no. 10. 9-12 '67.

Development of the equipment and technology of petroleum production in the oil fields of Azerbaijan. A. D. Amurov and others. Azerb. nef't. khoz. 46 no. 11-18-22 N '67.

Economic effectiveness of the use of DIR-150 abrasive drag bits. R. N. Kramarenko. Azerb. nef't. khoz. 46 no. 9-15-48 S '65.

Effect of stopping the process of flooding on the status of the exploitation of the Sub-Kirmakli horizon in the Kala field. A. I. Adimov, S. G. Diment. Azerb. nef't. khoz. 46 no. 9-27-28 S '65.

Exploitation of marine oil fields in the U.S.S.R. S. A. Ojuzhev, N. S. Timofeev, A. O. Asan-Nuri. Neft, khoz. 45 no. 10-31-40 O '67.

Initiative of the crew of foreman Khadi-zade. T. Kh. Abiaman. Neftianik 8 no. 7-9 JI '63.

Instructing production crews, a potential for increasing labor productivity. L. I. Gibrakhi, S. I. Ismailov. Neftianik 8 no. 7-12-13 JI '63.

Nazirov, S. A., and N. K. Korimov. [Improving equipment and technology in offshore drilling.] Usovshens-tvo tekhniki i tekhnologii morskogo buroenila, Baku, Azerneshr, 1967. 141 p.

Progress of the petroleum machinery industry in Azerbaijan. K. S. Aliev-dzade and others. Azerb. nef't. khoz. 46 no. 11-18-41 N '67.

Progress of the scientific research on the development of oil and gas fields in Azerbaijan. M. T. Abbasov and others. Azerb. nef't. khoz. 46 no. 11-14-17 N '67.

Prospects for boring structural core drilling wells in the sea using the method of cable drilling. G. N. Dzhalil-zade, I. Kh. Uzbashv, G. G. Melikov. Azerb. nef't. khoz. 46 no. 9-23-26 S '65.

Technical progress in drilling in Azerbaijan. N. Kh. Babayev and others. Azerb. nef't. khoz. 46 no. 11-10-13 N '67.

622.2(479 25)—Armenian S.S.R.

Reconstruction of Kafan mines. M. G. Petrosian. TSvet met. 10 no. 10-123-124 O '67.

622.2(571 12)—Tyumen' Province

Using gas lift method in exploiting wells in the Tsekhozer-naya field. V. P. Maksimov, A. D. Antropov, E. P. Erte. Neftprom, delo no. 12-17-19 '67.

622.2(571 17)—Kemerovo Province

Experience in using BSH-1m drills for drilling inclined boreholes in the open-pit coal mines of the Kuznetsk Basin. N. I. A. Repin and others. Ugol' 43 no. 1-40-12 Ja '68.

Using airbreakers for coal breaking at the "Sovernaya" Mine in Kuznetsk Basin. D. T. Gorbachev and others. Ugol' 43 no. 1-58-60 Ja '68.

622.2(574)—Kazakh S.S.R.

Analyzing the performance of SBU-4 boring rigs under conditions of the Dzhezkazganskii Mine, and ways of improving their design. A. M. Tachenko and others. Trudy Inst. gornogo dela Kazakh SSR 20-25-32 '67.

Development of the overall mechanization of working face processes in mines and open-pit mines. V. Sh. Shaipov. Trudy Inst. gornogo dela Kazakh SSR 20-31-11 '67.

Increasing the productivity of the wells of the productive horizon VIII in the Zhetysay field by sand jetting. N. I. Siliznikov, V. V. Bakhtin. Neftprom, delo no. 12-18-13 '67.

Influence of the geologic structure (fractured state) of roof and ore massif of the Sarbay Open-Pit Mine on the results and parameters of blasting operations. A. M. Mustafina, G. Kh. Sadykov. Trudy Inst. gornogo dela Kazakh SSR 26-14-36 '67.

Operation of underground bulldozers during undercutting in the Dzhezkazgan mines. I. U. G. Kuntukov. Trudy Inst. gornogo dela Kazakh SSR 20-90-92 '67.

A short analysis of the degree of mechanization with regard to industrial processes during the drifting in horizontal workings in Dzhezkazgan. M. Ch. An and others. Trudy Inst. gornogo dela Kazakh SSR 20-102-105 '67.

Testing GSS-1 scraper loaders under various mining technological conditions in the Dzhezkazgan mines. I. U. G. Kuntukov, O. B. Davydov. Trudy Inst. gornogo dela Kazakh SSR 20-61-68 '67.

622.2(575 4)—Turkmen S.S.R.

Exploitation of marine oil fields in the U.S.S.R. S. A. Ojuzhev, N. S. Timofeev, A. O. Asan-Nuri. Neft, khoz. 45 no. 10-34-40 O '67.

622.2(73)—United States of America

Role of marginal wells in the petroleum production industry of the U.S.A. G. L. Govorova. Izv. vuz. ucheb. zav., i nef't i gaz. 10 no. 6-112-114 '67.

622.3 MINING OF SPECIFIC MINERALS, ORES, ROCKS, LIQUID AND GASEOUS MINERALS

According to the new system! Sov. shakht. 16 no. 6-1 Je '67.

Air removal from oil field pipelines by the flow of petroleum without separators. V. K. Kaspriovich. Razrab. nef't. i gaz. mest. no. 3-56-60 '67.

Analyzing mathematical formulas for determining the economic effectiveness of the measures for improving the use of fixed assets, as exemplified by the petroleum production industry. V. M. Rozenfeld. Razrab. nef't. i gaz. mest. no. 3-78-83 '67.

Anniversary headings of the coal mining press. S. Viktorova. Sov. shakht. 16 no. 6-19 Je '67.

Apparatus for preliminary oil refining in fields. R. V. Katush. Neft, i gaz. prom. no. 4-53-54 JI-Ag '67.

Apply this in your mine. I. U. Kornilov. Sov. shakht. 16 no. 7-15-16 JI '67.

Attention of the Communist Party to the development of the petroleum industry. E. Safonov. Neftianik 8 no. 7-3-6 JI '63.

Automatic measurement of a cable using the method of transferring magnetic markings. R. S. Arakelov. Izv. vuz. ucheb. zav., nef't i gaz. 10 no. 6-95-96 '67.

Automation of the installation of drainage with a given slant of plastic pipes. S. G. Solopov and others. Toif. prom. 43 no. 4-10-13 '66.

Basic trends of the placement of peat industries and of the assimilation of peat resources. A. M. Matveev, A. S. Olenin. Toif. prom. 43 no. 3-3-9 '66.

Causes and character of breakdowns in waste disposal dumps. V. M. Sukharevskii. Ugol' 43 no. 1-55-57 Ja '68.

Change in pore volume and reservoir volume during the process of reservoir pressure decline. E. M. Vygodskii, V. V. Devikamov. Izv. vuz. ucheb. zav., nef't i gaz. 10 no. 6-53-56 '67.

Cherdakov's lessons. V. Urvtanov. Sov. shakht. 16 no. 7-26-27 JI '67.

Chess battles. V. Zhitinik. Sov. shakht. 16 no. 7-32 JI '67.

Coal industry of the U.S.S.R., Jan.-Sept. 1967. Ugol' 43 no. 1-70-73 Ja '68.

Coal mines at the school desk. B. Lmel'ianov. Sov. shakht. 16 no. 5-24 My '67.

Coal mines of the new type. A. S. Stugarev, E. V. Petenko. Ugol' 43 no. 1-2-5 Ja '68.

Contribution of scientists to the development of petroleum and gas production industries. I. M. Murav'ev, P. A. Trebin. Neft khoz. 45 no. 10-68-72 O '67.

Determining pressure function in nonuniform reservoirs of oil fields. V. A. Belov. Izv. vuz. ucheb. zav., nef't i gaz. 10 no. 10-68-72 '67.

Determining the extent of supplementary investments in the petroleum production industry. V. M. Rozenfeld. Razrab. nef't. i gaz. mest. no. 3-84-87 '67.

Determining the temperature distribution in an oil field when the heat is produced by a moving combustion center. Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i mat. nauk no. 3-4-109-113 '67.

Developing the gas industry and increasing the labor productivity of the community. A. D. Bienta. Gaz. prom. 42 no. 10-18-21 O '67.

Development of the equipment and technology of gas production in the U.S.S.R. M. V. Sidorenko. Gaz. prom. 42 no. 10-5-8 O '67.

Dewaxing oil wells by ultrasonic waves. A. I. Mikhelman. Izv. vuz. ucheb. zav., nef't i gaz. 10 no. 6-61-64 '67.

Disinterested friendship. G. Monastyrchenko. Sov. shakht. 16 no. 5-20 My '67.

Effect of air and gas accumulations on hydraulic resistance in oil field pipelines. V. K. Kaspriovich. Razrab. nef't. i gaz. mest. no. 3-61-64 '67.

Effect of the moisture content on the thermodynamic nonequilibrium of process in gas condensate systems. E. S. Sadykh-Zade and others. Izv. vuz. ucheb. zav., nef't i gaz. 10 no. 10-37-40 '67.

Enhance the role of technical inspectors. N. Borychev. Sov. shakht. 16 no. 12-21-22 D '67.

Experience in using BSH-1m drills for drilling inclined boreholes in the open-pit coal mines of the Kuznetsk Basin. N. I. A. Repin and others. Ugol' 43 no. 1-40-42 Ja '68.

Far from Paris. V. Borakhsosov. Sov. shakht. 16 no. 7-32-33 JI '67.

Field investigations of IMK sloping units. V. L. Popov and others. Ugol' 43 no. 1-50-53 Ja '68.

Forethought of Academician Gubkin. M. Semenov. Neftianik 12 no. 11-9 N '67.

A friendly visit. D. Dzizba. Sov. shakht. 16 no. 7-37 JI '67.

Gas industry on the eve of the 50th anniversary of the Great October Revolution. A. K. Kortunov. Gaz. prom. 42 no. 10-1-4 O '67.

Good signs. E. Fedorchenko. Sov. shakht. 16 no. 8-14 Je '67.

Goodness of the justice. I. Chernivchan. Sov. shakht. 16 no. 7-19 JI '67.

Hands groping for coal. A. Andrianov. Sov. shakht. 16 no. 12-10 D '67.

Hearts devoted to children. A. Chestnov. Sov. shakht. 16 no. 12-22-24 D '67.

High-capacity coal mines. M. E. Shatunov, I. A. Veraskin. Ugol' 43 no. 1-5-7 Ja '68.

Ideas of the October live and conquer. Neftianik 12 no. 11-1-2 N '67.

Improving the quality of insulation tiles from peat by the vibration method. A. Milukas. Toif. prom. 43 no. 4-26-28 '66.

The International Congress of Mining. I. Mikhailov. Sov. shakht. 16 no. 6-12-13 Je '67.

Investigating radio wave transducers for controlling the width of coal pillars in stopes. L. G. Sakalo, G. R. Asov, A. A. Vorob'ev. Gor. elektromekhanika 46-49 '66.

Investigating the size of the first main roof caving and its functional dependence on the strength of the roof. V. I. Kovtun. Ugol' 43 no. 1-34-36 Ja '68.

Lenin's papers on petroleum. Neftianik 12 no. 11-3-5 N '67.

Light and labor. N. Borychev. Sov. shakht. 16 no. 7-23 JI '67.

Maksimov, V. N. [Organizing production and labor in the plough mining of coal. Economics and organization of organizational proizvodstva i tuda pri strogoi vyrazh ugli (Ekonomika i organizatsia). Moskva, "Nedra," 1967. 81 p. (Konkretnaia ekonomika dlia gornikov).]

Mechanical engineers for coal miners. V. Zolotarev. Sov. shakht. 16 no. 6-9-10 Je '67.

Members of the "Khtlandr" Club. L. Sada. Sov. shakht. 16 no. 7-28-29 JI '67.

Methodology of studying gas condensate wells and exploiting them with the use of a two-stage gas recovery system in the field. A. I. Gitsenko, G. I. Khariakov, V. V. Iushin. Gaz. delo no. 12-8 JI '67.

Methodology of the experimental determination of recovery depending on pressure. A. M. Pesun, V. V. Kadyrov. Izv. AN Azerb. SSR, Ser. nauk o zemle 106-110 '66.

Methods of determining labor productivity in open pit mines. B. Zh. Kul'dzhanov, A. M. Zemel'man. Trudy Inst. gornogo dela Kazakh SSR 23-74-80 '67.

Modernized worm-type TFSH-2 profile cutter. V. V. Zimostov, P. P. Glagolev. Toif. prom. 43 no. 4-18-21 '66.

Narrow-gauge railroad machine. V. A. Gachev and others. Toif. prom. 43 no. 4-21-23 '66.

New methods for chemical processing of coal effluents. V. N. Glukhov. Koks i khim. no. 6-19-31 '67.

Objectives of scientific research institutions in the expansion of coal industry of the U.S.S.R. I. F. Gogol. Ugol' 43 no. 1-14-18 Ja '68.

One and a half million tons. Sov. shakht. 16 no. 4-4-14 '67.

[Operation and maintenance of explosion-proof electric equipment for the petroleum, gas, and chemical industries.] Eksploataatsia i remont vzryvobezopasnykh elektrobordovaniia dlia nef'tianoi, gazovoi i khimicheskoi promyshlennosti. Pod obshch. red. V. A. Khorunzhego. Moskva, "Nedra," 1967. 315 p.

Optical method for determining the moisture content of petroleum. V. P. Akimov, M. P. Erel'man, I. M. Kucherov. Neft, i gaz. prom. no. 5-34-40 '67.

Our gold stock. Sov. shakht. 16 no. 12-1-2 D '67.

Petroleum production in the U.S.S.R. during the 46 years of Soviet rule. V. D. Shashin. Neft, khoz. 45 no. 10-1-10 O '67.

Piezometric method for measuring the volume of liquid in vessels and using it for determining the productivity of a well in oil fields. G. D. Savenkov, E. G. Vityay, I. N. Kul'takii. Razrab. nef't. i gaz. mest. no. 3-67-73 '67.

Planning systems reflect flexibility and efficiency. A. Klef'man. Sov. shakht. 16 no. 6-5 Je '67.

Possibilities for the preliminary dewatering of the products of downed oil wells using hydrocyclones. L. G. Zelenuk. Neft, i gaz. prom. no. 4-34-40 JI-Ag '67.

[Principles of the technology of coal mining with the use of flexible overlaps.] Osnovy tekhnologii razrabatki ugla s primeneniem gibkikh pokrytiy. Moskva, "Nedra," 1967. 228 p.

Production of humic acids from peat. K. V. Bludovits, V. A. Nikiforov, M. B. Gumenik. Toif. prom. 43 no. 4-23-26 '66.

Proposals toward revision of the "Safety Regulations in Coal and Shale Mines." I. A. Babokin. Ugol' 43 no. 1-8-13 '68.

Results of the elections. A. Bel'skii. Sov. shakht. 16 no. 6-10-11 Je '67.

Results of the search for a solution. I. N. Kamrskii. Sov. shakht. 16 no. 6-2-3 Je '67.

Right to confidence. A. Zimin. Sov. shakht. 16 no. 6-20-21 Je '67.

Rights are broadened. New statute on public inspection of labor safety. Sov. shakht. 16 no. 12-24 D '67.

Scientific and Technical Society of the Petroleum and Chemical Industries on the eve of the 50th anniversary of the Great October Revolution. I. L. Chel'muk, N. V. Palkov. Neft, khoz. 45 no. 10-64-67 O '67.

The "Scientific organization of work in coal industry" seminar. P. I. Rozenberg. Ugol' 43 no. 1-74-75 Ja '68.

Scientific principles of new methods of planning and economic stimulation in the petroleum production industry. F. B. Gal'person, S. M. Levin, S. N. Altun, Neft, khoz. 45 no. 10-17-24 O '67.

Sign of indifference. Zh. Sakhrinovskaya. Sov. shakht. 16 no. 6-23-24 Je '67.

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623.4 ORDNANCE. GUNS. SERVICE VEHICLES. AMMUNITION. WAR GAMES

The art of firing; how can it be mastered? V. N. Nikanorov. A. I. Polukov. Vest. protivovozd. obor. no. 9-25-28 S '67.

Birjukov, G. F., and G. V. Mel'nikov. [Combat with tanks] Boi ba s tankami Moskva, Voenizdat, 1967 182 p.

The CJC against the V-1 rocket. G. Tregubenko. Voen. ist. zhur. no. 8 114-120 Ag '67.

The development of artillery and rocket weapons in the Navy. V. A. Sveche. Mor. shor. 50 no. 7-11-11 II '67.

Improving combat mastery of missilemen. A. Shevtsov. Komm. Vooruzh. Sil. 18 no. 2:29-33 D '67.

Military operations of the No. 2 armored train. I. S. Brevkin. Ukr. ist. zhur. II no. 9 91-96 S '67.

Time weapons in modern conditions. O. V. Shul'man. B. A. Shumantuk. Mor. shor. 51 no. 12 39-43 D '67.

Minas and torpedoes during the years of Soviet rule. B. D. Kostygov. Mor. shor. 50 no. 9 11-38 S '67.

The shield which protects our native land. V. I. Kazako. Voen. znani. 43 no. 11 14-15 N '67.

623.4(73)—United States of America

Plans for broadening outer space reconnaissance. V. A. Vasilenko, R. N. Ponomov. Vest. protivovozd. obor. no. 9 87-89 S '67.

623.451 PROJECTILES. SHELLS. BOMBS. GUIDED MISSILES

Rocket-launching units of strategic assignment. N. Krylov. Voen. ist. zhur. 9 no. 7-15-23 II '67.

623.451(73)—United States of America

The great pitfall (conclusion). Ch. Morris. Zhurnalist no. 1 66 1p '67.

623.5 BALLISTICS. GUNNERY

So that rockets may accurately hit their targets. N. F. Cherkashin. Vest. protivovozd. obor. no. 6 56-59 Je '64.

623.6 FIELD ENGINEERING EQUIPMENT. OPERATIONS WORKS BUILDINGS BRIDGES. COMMUNICATIONS

The bridge was built ahead of schedule. N. Boldvrev. A. Topornin. Tyl i snab. Sov. Voor. Sil. 20 no. 10-73-76 O '67.

623.71 MILITARY TOPOGRAPHY. SURVEY

Many secret police agents struggling for the motherland. V. Fedotuk. Voen. ist. zhur. 9 no. 12 111-118 D '67.

Exercises in military topography; some advice on how to conduct them. B. I. A. Perelygin. Vest. protivovozd. obor. no. 6 50-52 Je '64.

Surveying highways in winter. I. Miasnikov. Tyl i snab. Sov. Voor. Sil. 20 no. 12 68-70 D '67.

623.74 MILITARY AND NAVAL AIRCRAFT

Advanced experience and practice. I. U. Mamurov, V. Remenov. Komm. Vooruzh. Sil. 18 no. 10-58-62 S '67.

The creativity of naval air officers. A. A. Mironenko. Mor. shor. 50 no. 7:16-20 JI '67.

Flights from the ground. V. V. Dvorkalov. Vest. protivovozd. obor. no. 6 11-43 Je '67.

Protecting fuel from molatue. P. I. Jonko. Vest. protivovozd. obor. no. 12-61-63 D '67.

Repairing a semibicycle-type undercarriage. V. F. Ukhod. Vest. protivovozd. obor. no. 6-60-62 Je '64.

Some developments in flight planning. A. I. Mukhin, I. U. N. Rylov. Vest. protivovozd. obor. no. 9 33-37 S '67.

Voltage regulator tester. L. A. Galkin, P. V. Usenko. Vest. protivovozd. obor. no. 9 80-81 S '67.

We are predicting the reliability of equipment. M. G. Tetshil'd. Vest. protivovozd. obor. no. 9-61-63 S '67.

623.74(437)—Czechoslovakia

"Dolphin" in the sky. Otakar Bruna. Sov. vojn. 40 no. 23 32 D '67.

623.8 NAVAL ENGINEERING. ORDNANCE. WARSHIPS

Chief petty officer on an atomic submarine. A. Krysov. Sov. vojn. 49 no. 15:20-23 Ag '67.

The "October Revolution." I. U. Khrypov. Mor. shor. 50 no. 7-14-15 JI '67.

623.8(262.8)—Caspian Sea

According to the legacy of Il'ich. I. A. Bykhovskii. Sudostroyeniye 57 no. 11-100-102 N '67.

623.9 ARMORING AND PROTECTION. ARMAMENT, ETC.

Minas and torpedoes during the years of Soviet rule. B. D. Kostygov. Mor. shor. 50 no. 9 34-38 S '67.

624 CIVIL AND STRUCTURAL ENGINEERING

Analogy between the calculation of straight and curved beams. V. A. Kartashov. Uch. zap. Mord. gos. un. no. 31-88-91 '63.

Analysis of continuous beams in a state of limited equilibrium. A. R. Zhinitayn. Stroitel'mekhn. i rasch. soor. 9 no. 5 27-30 '67.

Approximate calculation of sloping orthogonal suspension systems with closed contours. B. V. Gorenstein. Stroitel'mekhn. i rasch. soor. 9 no. 5 41-47 '67.

Builders of roads and bridges, an anniversary year, a year of high quality work. Avt. dor. 30 no. 8 2 of cover Ag '67.

Calculating plates of varying rigidity by electric modeling. I. U. M. Pochman. V. D. Shukovich. Stroitel'mekhn. i rasch. soor. 9 no. 5 33-36 '67.

Calculating the compressed elements of an oblique-angled cross section. V. A. Kartashov. Uch. zap. Mord. gos. un. no. 31 51-54 '63.

Crack formation and rigidity of reinforced concrete girders during a repeated load. V. M. Selukov. Uch. zap. Mord. gos. un. no. 31 13-31 '63.

Effectiveness of reinforcing circular plates with radial ribs. I. U. M. Shul'kin. Stroitel'mekhn. i rasch. soor. 9 no. 5 30-32 '67.

Estimating the rigidity and crack resistance of prestressed reinforced concrete trusses. B. M. Ilupayev. Uch. zap. Mord. gos. un. no. 31 84-87 '63.

First results from testing the existing proposals in calculating the strength of reinforced concrete elements in bending. V. M. Selukov. Uch. zap. Mord. gos. un. no. 31 99-106 '63.

Fourth All-Union Conference on Strength and Plasticity. O. V. Luzhin. Stroitel'mekhn. i rasch. soor. 9 no. 5 46-50 '67.

Glukhok, A. D., and E. G. Kutukhtin. [Vertical stay reinforced-concrete trusses for buildings with flooring between floors] Bezrasnosnye zhelezobetonnyye formy dlya zdani s mezhfornennymi etazhami Moskva, Stoitel'dat, 1967. 75 p.

Graduk, I. I. [Calculation of prestressed reinforced-concrete elements. (Practical manual)] Raschet pie-dvartel'no napriazhennykh zhelezobetonnykh konstruktsii. (Prakt. posobie) Kiev, "Budivelnik," 1967 152 p.

Investigating the seismic stability of large panel buildings. S. V. Polukov, B. E. Denisov. Stroitel'mekhn. i rasch. soor. 9 no. 5 15-19 '67.

Investigating the stresses in a model of a support joint of a reinforced concrete frame by the polarization optical method. A. E. Duraev. Uch. zap. Mord. gos. un. no. 31 32-36 '63.

Investigation of the behavior of soft steel under conditions of alternating load beyond conventional yield limit. A. Kh. Koidze. Soob. AN Gruz. SSR. 48 no. 2-309-401 N '67.

Method of direct selection of optimal cross sections of truss elements. V. A. Zakharov. Stroitel'mekhn. i rasch. soor. 9 no. 5 11-14 '67.

Pile supports of heating systems. L. G. Avgitov. Uch. zap. Mord. gos. un. no. 31 75-78 '63.

Polyhedral aluminum arch made from rhombic elements. V. I. Trofimov. Stroitel'mekhn. i rasch. soor. 9 no. 5-21-24 '67.

Prokopovich, I. E., I. N. Slozinger, and M. V. Shteinberg. [Calculation of thin elastic cylindrical shells and plastic folds] Raschet tonkikh uprugikh tsilindricheskikh obolochok i prizmaticheskikh skladok Kiev, "Budivelnik", 1967. 240 p.

Stability of imperfect cylindrical shells under axial compression. B. M. Broude. Stroitel'mekhn. i rasch. soor. 9 no. 5 36-40 '67.

Standards for calculating structural elements. A. N. Shuknev. Stroitel'mekhn. i rasch. soor. 9 no. 5 12-15 '67.

Structural engineering and science of its practical application. P. P. Bakuma. Stroitel'mekhn. i rasch. soor. 9 no. 5 1-3 '67.

Structural mechanics and computer techniques. A. F. Smirnov. Stroitel'mekhn. i rasch. soor. 9 no. 5 8-12 '67.

Structural mechanics in the U.S.S.R. in the last 50 years: achievements and prospects. B. G. Koronev, I. M. Rabinovich. Stroitel'mekhn. i rasch. soor. 9 no. 5 4-7 '67.

Testing the performance of a bolt joint of elements in bending. V. M. Plukidov, V. A. Kartashov. Uch. zap. Mord. gos. un. no. 31 55-74 '63.

Villakki, I. I. [Theory and calculation of reinforced-concrete framed structures considering long processes] Teoriya i raschet zhelezobetonnykh stozhnevnykh konstruktsii s uchetom dlitel'nykh protsessov. Kiev, "Budivelnik," 1967. 347 p.

624(471.310)—Moscow City

Testing the model of a 30-story frame building under construction on Kalinin Prospekt in Moscow. B. P. Vol'fon, I. K. Shevchenko, D. M. Boniaminov. Stroitel'mekhn. i rasch. soor. 9 no. 5 24-26 '67.

624.1 EARTHWORK. FOUNDATIONS. SUBSTRUCTURES. TUNNELING

Building underground reservoirs by blasting for the storage of petroleum, petroleum products, and liquefied gases. A. S. Dobina, N. A. Evstropov. I. U. V. Kolobov. Neft. i gaz. prom. no. 6 45-48 N-D '67.

Determining the consistency of soils of unbroken structure. E. P. Moslakov. Izv. vys. ucheb. zav. i geol. i razv. 10 no. 9:124-128 '67.

Device for the fixing of a casing in the ground. Sel. stroit. 18 no. 5 28 Je '63.

Digging equipment and other related objects in the Moldavian dialects. V. S. Sorbile. Uch. zap. Kish. un. 81 115-128 '67.

Kostomarov, V. M. [Measures for combating landslides in cities] Prolivopolznye meroopratiia v gorodakh Moskva, Stoitel'dat, 1967 109 p.

Physical and mechanical properties of some rock types. M. Kh. Bakiev. Uzb. geol. zhur. 11 no. 6:76-81 '67.

624.1(571)—Asiatic R S F S R

Origin and engineering geology characteristics of loess in the southeastern part of the West Siberian Plain. M. P. Nagoskii, G. A. Sulakhshina. Izv. vys. ucheb. zav. i geol. i razv. 10 no. 9:117-123 '67.

624.1(575.1)—Uzbek S S R

Engineering geological conditions of the construction of the head part of the Kashi main canal. G. U. Iusupov. Uzb. geol. zhur. 11 no. 5 55-60 '67.

621.2 SUPERSTRUCTURES BRIDGES

Bobrikov, B. V., I. M. Rusakov, and A. A. TSar'kov.

[Technology organization and planning of bridge construction] Tekhnologiya, organizatsiya i planirovaniye stroitel'stva mostov Pod red. G. K. Evgrafova. Moskva, "Transport," 1967 460 p.

Bridge builders as efficiency promoters. I. Gavrilov. Avt. dor. 30 no. 8 13-14 Ag '67.

Deformability and permeability of dry joints of continuous beams. E. I. Shul'man, V. P. Baisukov. Avt. dor. 30 no. 8 10-11 Ag '67.

Effect of concrete creep on reinforced concrete cantilever trusses. N. S. Solomentseva. Avt. dor. 30 no. 8 24-25 Ag '67.

Hydraulic and channel calculations of bridge crossings based on hydrographs. L. G. Begam. Avt. dor. 30 no. 8 23-24 Ag '67.

More about continuous and framed continuous span structures of precast reinforced concrete. I. A. Khazan. Avt. dor. 30 no. 8 16-19 Ag '67.

Prefabricated reinforced concrete bridge supports. V. N. Kutsenko. Avt. dor. 30 no. 6-7 Ag '67.

Prestressed span structures with partially compressed concrete. L. I. Isoltsevskii and others. Avt. dor. 30 no. 8 8-9 Ag '67.

Reduce the use of reinforcements in prefabricated reinforced concrete span structures. I. A. Maturov and others. Avt. dor. 30 no. 8 1-6 Ag '67.

Steel trunk line bridges. G. K. Evgrafov. Put' i put. khoz. 11 no. 4 26-28 '67.

Trends in the development of Russian bridge construction. E. E. Gishman and others. Avt. dor. 30 no. 8 1-4 Ag '67.

Use of electronic computers in designing bridges. A. L. Tsetlin. Avt. dor. 30 no. 8 20-21 Ag '67.

625 RAILWAY AND HIGHWAY ENGINEERING

Evaluating the actual frontal visibility. I. U. M. Sitnikov. Avt. dor. 29 no. 10:15, 21 O '66.

How to take into account corrections in earthwork on curves. Avt. dor. 29 no. 10:28 O '66.

Increasing productivity of a diesel tamping machine designed by the TSNIS-RIIM3. M. I. Kalnovskii. Trudy KIIIT no. 70 84-88 '65.

OGP-1 track sprayer. A. A. Laubgan. Put' i put. khoz. 11 no. 4 22-25 '67.

Visibility requirements on highway turns at grade separations. A. A. Sheviakov, V. Ivanov. Avt. dor. 29 no. 10:21-22 O '66.

Walnut in road beautification. Avt. dor. 29 no. 10:3 of cover O '66.

What science has done for transportation. F. P. Kochnev. Zhel. dor. transp. 49 no. 9:3-10 S '67.

The width of the median strip and traffic safety at night. A. I. Ratchikov. Avt. dor. 29 no. 10:14-15 O '66.

625(477)—Ukrainian S. S. R.

Perspectives of developing industrial railroad transport in the Donets Basin and the Dnieper region. B. V. Iakovlev. Trudy DIF no. 70 17-20 '66.

Solution of problems of developing a single unified transportation system within the economic districts, following the examples of the Donets Basin and the Dnieper region. E. N. Gubenko, A. O. Tikhonov, B. V. Iakovlev. Trudy DIF no. 70 4-16 '66.

625(575.4)—Turkmen S. S. R.

A base of local materials in Turkmenistan. M. G. Ba-baev. Avt. dor. 29 no. 10:25-26 O '66.

625.1 RAILWAY ENGINEERING. EQUIPMENT AND TRACK

Andreevskii, M. G., and others. [Repair of reinforced-concrete ties] Remont zhelezobetonnykh shpal. Moskva, "Transport," 1967. 103 p.

Before the passage of the track measuring gauge. M. Koval'. Put' i put. khoz. 11 no. 4 39-40 '67.

Certain aspects of the work of planning systems of pulse-width feed. V. D. Flora. Shor. nauch. trud EINI 8 83-85 '67.

- 625 1 (Continued)
- Complementing set VSKM, K. V. Chistakov, Avtom., telem. i svyaz' 11 no. 11-46-47 N '67.
- Constructive increase of precision of the direct evaluation of parameters, R. V. Zaitsev, Trudy DIT no. 70 49-54 '66.
- Cooperative use of technical devices, V. G. Kuchenko, IU T Pochinok, Zhel. dor. transp. 49 no. 6 75-76 Je '67.
- Correcting the alignment plan of a line in preparation for high-speed train traffic on existing railroads, V. I. Chigalov, Trudy DIT no. 70 40-45 '66.
- Determining economic efficiency of capital investments in track management, V. I. Stul'ga, Zhel. dor. transp. 49 no. 4 31-34 Ap '67.
- Dispatcher interlocking system, F. A. Gomichev, Avtom., telem. i svyaz' 11 no. 11-22-25 N '67.
- Efficiency of electric interlocking in large stations, D. P. Borisov, V. I. Malatov, G. A. Molchanov, Avtom., telem. i svyaz' 11 no. 1-4-7 Ap '67.
- Efficiency in the transportation of railroad ties, V. P. Katsay, Zhel. dor. transp. 49 no. 9 45-46 S '67.
- Percent of labor required for track maintenance depending on wearing force of rolling stock, IU V. Malyshev, Trudy DIT no. 70 53-60 '66.
- Fraternel assistance, Sh. Urban, Avtom., telem. i svyaz' 11 no. 11, 15 N '67.
- Friends sharing their experiences, A. Filash, Avtom., telem. i svyaz' 11 no. 11 26-27 N '67.
- Fruitful cooperation, Zh. Potkov, Avtom., telem. i svyaz' 11 no. 11, 18-9 N '67.
- Grass cover protects the roadbed, V. I. Grutsyk, Put' i put. khoz. 11 no. 4 36-37 '67.
- The great 50th anniversary, Avtom., telem. i svyaz' 11 no. 11, 1-3 N '67.
- Growth of the railroad network in the U. S. S. R., N. G. Bochkarev, Zhel. dor. transp. 49 no. 4 7-10 Ap '67.
- An honored efficiency expert, I. I. Kol'nov, Avtom., telem. i svyaz' 11 no. 4 7 Ap '67.
- Honored innovator, I. Vlaschik, Put' i snab. Sov. Voor., Sil 28 no. 10-80-81 O '67.
- How to simplify labor consuming calculations required for the alignment of curves, I. I. Chierchenkevich, Put' i put. khoz. 11 no. 4 18-21 '67.
- Ibragimov, I. I. [Mathematical methods and electronic digital computers in planning railroad stations] Matematicheskiye metody i ETsVM v proektsirovani zhelezno-doroznykh stantsii, Tashkent, "Fan," 1967 187 p.
- Improvement of a system of train dispatch indicators, G. T. Saikislan, Avtom., telem. i svyaz' 11 no. 11 15-46 N '67.
- Keep approach tracks in a good and serviceable condition, G. E. Moskhin, Tyi i snab. Sov. Voor., Sil 27 no. 9 73 '67.
- Kirov Railroad District, a district with scientific organization of labor, B. A. Kuzovlev, Avtom., telem. i svyaz' 11 no. 11 31-35 N '67.
- Magnetic pedal with insulated rail, N. M. Stepanov, Avtom., telem. i svyaz' 11 no. 11 44-45 N '67.
- May our friendship grow, S. Kravchik, Avtom., telem. i svyaz' 11 no. 11, 9-10 N '67.
- Multiplexing of the 4-8 high-frequency system by telegraph channels, A. I. Kravshov, Avtom., telem. i svyaz' 11 no. 11 40-42 N '67.
- New type of an automatic coupling and its use, E. A. Dzhatko, N. I. Kivonogov, A. A. Ol'shevskii, Zhel. dor. transp. 49 no. 6 15-47 Je '67.
- Ovchinnikov, L. F. [Building drainage systems using machines designed by the All-Union Scientific Research Institute of Railroad Transportation] Sooruzheniye drena-zhnykh mashinnykh sistem TsNI MPS, Moskva, "Transport," 1967, 31 p. (Dostizheniya nauki i tekhniki - v proizvodstvo).
- Platform for mounting car decelerators, A. I. A. Kostachenko, Avtom., telem. i svyaz' 11 no. 11, 42-43 N '67.
- Polymers used in the construction of tracks, A. A. Petrukhovich, I. G. Litogub, Zhel. dor. transp. 49 no. 1 72-74 Ap '67.
- Possibilities of extending the zones for laying continuous rails, S. P. Pechin, Zhel. dor. transp. 49 no. 7 69-72 Ji '67.
- Problems of standardizing the precision of railroad topographic and surveying operations, R. V. Zaitsev, E. M. Rapoport, B. V. Iakovlev, Trudy DIT no. 70 46-48 '66.
- Processing tank cars at filling piers using the method of numberless accounting, A. S. Korobchenko, Transp. i khran. nefi i nefteprod. no. 10 14-15 '67.
- Progressive system of mechanizing operations for track-laying and maintenance, S. A. Pashinin, Zhel. dor. transp. 49 no. 9 17-23 S '67.
- A railroad district of communist labor, N. S. Spirin, L. F. Chergeiko, Avtom., telem. i svyaz' 11 no. 4 1-3 Ap '67.
- Reinforcement of cliff slopes with aerated solutions, A. I. Pesov, IU, A. Adianov, P. M. Netkachev, Put' i put. khoz. 11 no. 4 34-35 '67.
- Removing snow from switches, V. Zatykin, Tyi i snab. Sov. Voor., Sil 28 no. 12 73 D '67.
- Repeated uses of switches, I. G. Litogub and others, Put' i put. khoz. 11 no. 4 13-15 '67.
- Scientist and inventor, Put' i put. khoz. 11 no. 4 12 '67.
- Service life of railroad ties should be prolonged, A. A. Romanov, Put' i put. khoz. 11 no. 4 16-17 '67.
- Silicon steel rails, O. S. Skvortsov, IU F Shvarts, Put' i put. khoz. 11 no. 4 25 '67.
- Steel trunk line bridges, G. I. L. Grigor'ev, Put' i put. khoz. 11 no. 4 26-28 '67.
- To labor in the homeland of Lenin is a great honor, IU, N. Vol'kovich, Put' i put. khoz. 11 no. 4 5-8 '67.
- Train radio communication, A. I. Khanin, Avtom., telem. i svyaz' 11 no. 11 28-29 N '67.
- Transport communication equipment factory, Avtom., telem. i svyaz' 11 no. 11 36-37 N '67.
- We will carry out the anniversary year plan requirements ahead of schedule, I. V. Rusakov, L. P. Strukov, Put' i put. khoz. 11 no. 4 1-4 '67.
- What the innovators of railroad sectors do for the industry, A. E. Levitin, Put' i put. khoz. 11 no. 4 32-33 '67.
- Wire communication, V. A. Novikov, Avtom., telem. i svyaz' 11 no. 11 10-13 N '67.
- Years, anais, people, B. S. Ryzantsev, Avtom., telem. i svyaz' 11 no. 11 16-22 N '67.
- 625 1 (471 318)—Kaluga Province
- They are inspired by the revolutionary tradition of their school, V. Solov'ev, Sred. spets. obr. 14 no. 11 16-19 N '67.
- 625 1 (477)—Ukrainian S S R
- We are proud of the names of our students, P. P. Baranenko, I. A. Veksel', Sred. spets. obr. 14 no. 7 14-16 Ji '67.
- 625 1 (73)—United States of America
- Heat treatment of rails in the United States, V. I. Shuvalov, Zhel. dor. transp. 49 no. 4 88-91 Ap '67.
- 625.2 ROLLING STOCK, LOCOMOTIVES, ETC
- Advice on the maintenance of EL2 and EL1 electric locomotives, E. N. Popov, V. I. Goncharenko, Elek. i tepl. tiaga 11 no. 11 36-38 N '67.
- Automatic control of system on express trains, N. S. Senin, Zhel. dor. transp. 49 no. 8 92-94 Ag '67.
- Automation of an automatic control station, V. I. Danilov, N. V. Oshstova, Zhel. dor. transp. 49 no. 6 49-50 Je '67.
- Complete mechanization of current gondola car maintenance, N. K. Voloshchenko, Zhel. dor. transp. 49 no. 7 52-59 Ji '67.
- Complex technology as the basis of a highly efficient utilization of the rolling stock, G. G. Kiriluk, I. V. Azarov, Zhel. dor. transp. 49 no. 7 20-26 Ji '67.
- Concentrated and specialized overhaul of railroad cars at railroad centers, V. N. Chelnov, Zhel. dor. transp. 49 no. 8 68-72 Ag '67.
- Eight-axle closed cars are efficient, L. A. Shadur, V. V. Lukin, Zhel. dor. transp. 49 no. 9 58-60 S '67.
- Experience gained in the use of composition brake shoes, K. G. Kolomitsev and others, Zhel. dor. transp. 49 no. 7 63-65 Ji '67.
- Experience in introducing vacuum cleaning in tank cars, V. S. Arystov, M. I. Maider, S. Sh. Tverskoi, Nef. i gaz. prom. no. 6 43-45 N-D '67.
- Experimental main line diesel locomotives with hydraulic transmission, Zhel. dor. transp. 49 no. 7 88-89 Ji '67.
- Failure of the LK6-A unit, E. N. Popov, V. I. Goncharenko, Elek. i tepl. tiaga 11 no. 11 38 N '67.
- Grounding in a diesel locomotive coupling, A. N. Vasil'ev, Elek. i tepl. tiaga 11 no. 11 36 N '67.
- High reliability of diesel locomotives makes for longer operational periods between overhauls, A. A. Drozdov, I. D. Vetrov, B. N. Bulatov, Zhel. dor. transp. 49 no. 8 59-66 Ag '67.
- Hygiene and sanitation requirements with regard to industrial locomotives, E. D. Brenner, Shti nauka i trud FINI 8 233-237 '67.
- Improvement of the fuel system of the 10D10 diesel, G. D. Donchenko, Elek. i tepl. tiaga 11 no. 11 31 N '67.
- Improvements in locomotive brake shoes, N. V. Ivanov, L. A. Vukolov, Zhel. dor. transp. 49 no. 4 44-47 Ap '67.
- Improving current upkeep of railroad cars, M. I. A. Sadof'ev, Zhel. dor. transp. 49 no. 9 66-69 S '67.
- Improving design of passenger cars, V. V. Verzhinskii, B. A. Rogozhin, Zhel. dor. transp. 49 no. 9 70-81 S '67.
- Increasing traveling speed of refrigerator trains, I. V. Klykov, Zhel. dor. transp. 49 no. 6 54-56 Je '67.
- Investigating conditions of recharging batteries of trolley-storage battery machines from a contact network, S. S. Muzgin, D. B. Kozhakimov, Trudy Inst. gornogo dela Kazakh SSR 29-72 '67.
- Komisarenko, a locomotive test engineer, N. F. Minenko, Elek. i tepl. tiaga 11 no. 11 28 N '67.
- Load-lifting and holding capacity of cars should be better utilized, V. S. Chernichenkov, S. E. Anovitskii, V. I. A. Kharlamov, Zhel. dor. transp. 49 no. 4 44-47 Ap '67.
- Locomotive engineers of the "Baltics" armored train, V. S. Skirniach, Elek. i tepl. tiaga 11 no. 11 10 N '67.
- Locomotive No. 203, P. P. Sokolov, Put' i put. khoz. 11 no. 4 11-12 '67.
- Machines for loading ice into refrigerator cars, N. S. Chernyashov, Zhel. dor. transp. 49 no. 7 43 Ji '67.
- Magnetic rail brakes for passenger trains, O. V. Zaitseva, M. D. Fokin, Zhel. dor. transp. 49 no. 5 51 77 S '67.
- Main faults of rectifier systems, B. I. Foshin, Elek. i tepl. tiaga 11 no. 11 43-44 N '67.
- Maintenance and repair of shunting diesel locomotives, I. Kostitsa, Tyi i snab. Sov. Voor., Sil 27 no. 6 11-12 Je '67.
- Manufacture of dump cars for the mining industry and industrial transportation, N. F. Apanashin, Shti nauka i trud FINI 8 43-47 '67.
- Means for increasing runs between repairs of the electric locomotives, V. I. Sedov, G. M. Sapozhnikov, Elek. i tepl. tiaga 11 no. 11 27-30 N '67.
- Method for slowing down and accelerating cars on yards, V. P. Shelkin, Avtom., telem. i svyaz' 11 no. 11 12-14 Ap '67.
- Methods of calculating basic indices of the performance of underground electric dump trucks with a trolley-storage battery system of electric power supply, D. B. Kozhakimov, Trudy Inst. gornogo dela Kazakh SSR 29 87-89 '67.
- More compact loading of tractors, P. A. Kurbatov, N. V. Minin, A. I. Solov'eva, Zhel. dor. transp. 49 no. 6 28-29 Je '67.
- Moskova repair method to be introduced at 203 railroad depots by the 50th October Anniversary, Zhel. dor. transp. 49 no. 4 82 Ap '67.
- Network schedule graph in locomotive depots, Zhel. dor. transp. 49 no. 4 85 Ap '67.
- New air distributor for freight cars, A. M. Kozhachenko, Zhel. dor. transp. 49 no. 4 62-64 Ap '67.
- New standard for passenger cars, Zhel. dor. transp. 49 no. 8 87-88 Ag '67.
- New system for checking the brake lines of freight cars, K. D. Shkurukin, G. V. Novikov, N. N. Klimov, Elek. i tepl. tiaga 11 no. 11 45-46 N '67.
- New type of an automatic coupling and its use, I. A. Dzhatko, N. I. Kivonogov, A. A. Ol'shevskii, Zhel. dor. transp. 49 no. 6 15-47 Je '67.
- New ventilating devices in cars, V. V. Shvedov, Zhel. dor. transp. 49 no. 9 77-78 S '67.
- New weight checking devices, Zhel. dor. transp. 49 no. 5 82-83 Je '67.
- The No. 304 engineer's valve, V. A. Gridin, N. N. Kiriakov, E. A. Smirnov, Elek. i tepl. tiaga 11 no. 11 39-42 N '67.
- Norkin, I. A., and others. [Repair of diesel locomotives] Remont teplovozov. Izd. 2-e, pererabot. i dop. Moskva, "Transport," 1967 359 p.
- Outfitting railroad cars, M. Terleev, Tyi i snab. Sov. Voor., Sil 28 no. 12 74-75 D '67.
- Production efficiency has increased, V. M. Makarov, Zhel. dor. transp. 49 no. 4 27-30 Ap '67.
- Production line method of railroad car repair according to network schedule graphs, N. V. Rospalov, V. S. Fyrenko, V. I. Sergeev, Zhel. dor. transp. 49 no. 7 44-57 Ji '67.
- Proposed future development of industrial railroad electrical rolling stock, B. R. Bondarenko, Shti nauka i trud FINI 8 7-20 '67.
- Protection of the starters of a four-car diesel train, N. G. Shecheglov, Elek. i tepl. tiaga 11 no. 11 34-35 N '67.
- Pulse regulation on electric loaders and switching locomotives, G. N. Gavrilov, Shti nauka i trud FINI 8 86-92 '67.
- Reducing excessive heat in axle boxes, I. M. Korotkov, V. B. Kudziev, A. S. Osypov, Zhel. dor. transp. 49 no. 6 41-45 Je '67.
- Reliability and upkeep of freight cars, V. I. Gridushchev, Zhel. dor. transp. 49 no. 4 65-68 Ap '67.
- Requirements in matching wheel pairs, I. A. Bogdanov, N. I. Martynov, Zhel. dor. transp. 49 no. 7 66-69 Ji '67.
- Results of testing a motor-equipped dump car, M. I. Korotenko, E. L. Stambler, Shti nauka i trud FINI 8 110-123 '67.
- Roller bearings and improved trucks for gondola cars, P. M. Simonov, M. V. Orlov, Zhel. dor. transp. 49 no. 6 39-40 Je '67.
- Rolling stock tests, IU, D. Sibikin, Zhel. dor. transp. 49 no. 9 81-82 S '67.
- Safeguarding the operational area in deceleration sectors, V. N. Sokolov, Avtom., telem. i svyaz' 11 no. 4 23-24 Ap '67.
- Scientific organization of labor involved in railroad car repair, N. I. Kirillov, N. V. Odintsova, Zhel. dor. transp. 49 no. 4 56-61 Ap '67.
- Selection of braking devices for trains used in open-cut mines on steep grades, S. L. Fesenko, Shti nauka i trud FINI 8 223-226 '67.
- Special features of cold weather operation of TFM10 and TFM10L diesel locomotives, S. G. Zhalkin, Elek. i tepl. tiaga 11 no. 11 32-33 N '67.
- Technical characteristics of operations of a mechanized shop in preparing closed cars for loading after removal of mineral fertilizers cargoes, A. A. Pollakov, Trudy KIMT no. 79 71-83 '65.
- Universal machine for railroad car overhaul at technical checkup stations, V. M. Slosman, Zhel. dor. transp. 49 no. 8 67-68 Ag '67.
- Utilized possibilities of diesel locomotives, N. N. Zaitsev, A. P. Kostik, Zhel. dor. transp. 49 no. 4 75-77 Ap '67.
- Use of aluminum alloys in the construction of tank cars, L. V. Zhuravleva, Zhel. dor. transp. 49 no. 6 88-90 Je '67.

625 2 (Continued)

Use of refrigerated cars more efficiently. S. K. Danilov, G. K. Nedopekin, Zhel. dor. transp. 49 no. 8 27-32 Ag '67.

Utilization of industrial funds in railroad depots. I. I. Piat, V. G. Shurmin, A. P. Iukhnovskaya, Zhel. dor. transp. 49 no. 7 61-63 Ji '67.

Ways of increasing braking power of industrial locomotives. B. R. Bondarenko, A. I. Kravchenko, Shoi. nauch. tr. FIIN 8 227-234 '67.

625 2(431)—German Democratic Republic

Two-tier passenger cars in the German Democratic Republic. P. S. Anisimov, Zhel. dor. transp. 49 no. 1 92-93 Ap '67.

625 2(496)—European communist countries as a group

Introduction of electric and diesel transportation equipment on the railroads of socialist countries. N. P. Afanas'ev, Zhel. dor. transp. 49 no. 6 90-92 Ag '67.

625 2(571)—Asiatic R. S. F. S. R.

The Kurgan railroad repair shop has become an "enterprise of communist labor." Elek. i tepl. tuga 11 no. 11 12-13 N '67.

625 2(571 14)—Novosibirsk Province

Diesel locomotive repair shop of Karasuk. A. N. Borovenko, Elek. i tepl. tuga 11 no. 11 16-19 N '67.

625 2(571 53)—Irkutsk Province

Electric locomotive repair shop of Vikhorevka. K. E. Rassolenko, Elek. i tepl. tuga 11 no. 11 14-15 N '67.

625 3 RAILWAYS OF SPECIAL CONSTRUCTION

Electrification of industrial railroads and basic parameters of electric locomotives. F. A. Khokhlov, Shoi. nauch. tr. FIIN 8 21-29 '67.

For an economical and reliable railroad transportation service in open-cut mines. S. A. Voletkovskii, Shoi. nauch. tr. FIIN 8 30-40 '67.

Manufacture of dump cars for the mining industry and industrial transportation. N. F. Apanas'kin, Shoi. nauch. tr. FIIN 8 93-97 '67.

Requirements for switching-train starting. N. F. Goncharov, Trudy KILIT no. 79 12-52 '65.

Selection of heating devices for trains used in open-cut mines on steep grades. S. I. Pechenko, Shoi. nauch. tr. FIIN 8 223-226 '67.

Technical and economic comparison of AC with DC traction for industrial railroads. F. A. Khokhlov, Shoi. nauch. tr. FIIN 8 55-68 '67.

625 7 HIGHWAY, ROAD ENGINEERING

Aesthetics in road construction, not overbeautification. V. I. Babkov, G. K. Nikolaevskii, Avt. dor. 29 no. 10 8-11 O '66.

All-Union Society of Inventors and Efficiency Promoters in road construction. L. Ozevov, Avt. dor. 29 no. 10 18-19 O '66.

Calculating maximum longitudinal inclines for tractor-train traffic. A. E. Bel'skii, Avt. dor. 29 no. 10 13 O '66.

Deformability and permeability of dry joints of continuous beams. E. I. Shul'man, V. P. Barsukov, Avt. dor. 30 no. 8 10-11 Ag '67.

Design of pipe foundations by limiting stress. M. A. Malyshev, Avt. dor. 30 no. 8 19-20 Ag '67.

Designing additional lanes on long-stretch inclines. V. V. Shpanov, Avt. dor. 29 no. 10 11-12 O '66.

Economic analysis uncovered potentialities of production. N. A. Rozov, Avt. dor. 29 no. 10 8-9 O '66.

Economic planning of highways. I. U. A. Lavrov, Avt. dor. 29 no. 10 12-3 O '66.

First steps. I. Gavrilov, Avt. dor. 29 no. 10 19-20 O '66.

Gasoline stations and their distribution along highways. G. A. Pektemirov, I. P. Serdiukov, Avt. dor. 29 no. 10 5-6 O '66.

House for automatic service stations and filling points of motor vehicle transportation for 500 to 1000 servicings in a day. V. M. Gaidukov, Transp. i khran. nefi i nefteprod. no. 10 19-21 '67.

Improve repair of automobile driveways. S. Strebelov, D. Gulenko, Tyl. i snab. Sov. Voor. Sil 27 no. 6 68-70 Je '67.

In the interest of technical progress. Avt. dor. 30 no. 8 15-16 Ag '67.

In the interest of the developing economy of our territory. . . . Avt. dor. 29 no. 10 16-17 O '66.

Land value consideration in road design. N. N. Solentkov, Avt. dor. 29 no. 10 7 O '66.

Markulov, E. A., E. N. Dubrovyn, and E. I. A. Turchikhin, [Precast elements for urban roads] Sbornye konstruktivnykh gorodskikh dorog. Moskva, Stroizdat, 1967. 188 p.

New organization of production lines. I. U. N. Rozov, Avt. dor. 30 no. 8 31-32 Ag '67.

New trends in highway bridge design. I. A. Kazan, Avt. dor. 29 no. 10 23-24 O '66.

New type of service for automobile tourists. A. Smetankin, Avt. dor. 29 no. 10 32 O '66.

Obtaining data for the reconstruction and development of road networks. V. V. Sheshtokas, Avt. dor. 30 no. 8 21-22 Ag '67.

Once more about runoff standards. Avt. dor. 29 no. 10 24, 28 O '66.

Planning, technological progress, economic efficiency. Avt. dor. 29 no. 10 1-2 O '66.

Prefabricated dismountable inclinometer. L. Shashkova, S. Lutnev, Avt. dor. 30 no. 8 32-3 of cover Ag '67.

Prestressed span structures with partially compressed concrete. L. I. Iosilevskii and others, Avt. dor. 30 no. 8 8-9 Ag '67.

Some methodological problems of justifying expenditures for the construction of oil field roads. V. G. Kaipov, Ek. i nefteprod. no. 8 34-36 '67.

Some problems raised by design. Avt. dor. 29 no. 10 3 of cover O '66.

Surveying highways in winter. I. Mlaenkov, Tyl. i snab. Sov. Voor. Sil 28 no. 12 68-70 D '67.

Work even better and more efficiently. S. Izmailov, Avt. dor. 29 no. 10 18 O '66.

625 7(437)—Czechoslovakia

Development of road network in Czechoslovakia. F. Smikal, V. B. Ivasik, Avt. dor. 29 no. 10 30 O '66.

625 7(571 56)—Yakut A. S. S. R.

Economics of road construction in Yakutia. I. Shityrev, A. Shelin, Avt. dor. 29 no. 10 3-4 O '66.

625 8 PAVING OF ROADS WEARING SURFACES

Behavior of concrete coverings under repeated traffic loads. G. I. Khrushnikov, Avt. dor. 30 no. 8 27-28 Ag '67.

Cold colored asphalt concrete. V. P. Volod'ko, I. I. Rab, Avt. dor. 29 no. 10 27-28 O '66.

Evaluating the cracking resistance of asphalt concrete. B. I. Ladygin, I. K. Iatsevich, Avt. dor. 29 no. 10 26-27 O '66.

New requirements for dowelled joints in seams of concrete coverings. V. S. Poyzhnukov, Avt. dor. 30 no. 8 25-27 Ag '67.

Problems of durability of the top dressing of roads at a interuniversity conference of the Kharkov Automotive and Road Building Institute. A. K. Bilulia, Avt. dor. 30 no. 8 16-17 Ag '67.

626 HYDRAULIC ENGINEERING AND CONSTRUCTION WORK

Polonskii, G. A. [Mechanical equipment and metal structures of hydraulic systems and their construction] Mekhanicheskoe oborudovanie i metallicheskie konstruktsii gidrotekhnicheskikh sooruzhenii i ikh montazh. Moskva, "Energiya," 1967. 351 p.

Standardizing work completions is a potentiality for increasing the efficiency of capital investments. N. Astulov, Rech. transp. 26 no. 11 31-33 '67.

626 1 INLAND WATERWAYS CANALS, ETC

Protecting the banks of a canal. V. Abramov, B. Pol'kin, I. Sazykin, Rech. transp. 26 no. 11 51 '67.

626 4 LOCKS, SLUICES GATES

Standing of vessels in the lock chamber of the Volga-Don Navigation Canal named for V. I. Lenin. A. Il'in, Rech. transp. 26 no. 11 34-36 '67.

626 8 AGRICULTURAL HYDRAULICS

626 8(471 67)—Daghestan A. S. S. R.

Economics of the operation of the irrigation systems of the Terek Delta. A. I. Aidemirov, Probl. i razv. ekon. Dag. no. 4 28-45 '66.

627 NATURAL WATERS AND CHANNELS RIVER, PORT, HARBOR, AND COAST WORKS. DAMS

Polonskii, G. A. [Mechanical equipment and metal structures of hydraulic systems and their construction] Mekhanicheskoe oborudovanie i metallicheskie konstruktsii gidrotekhnicheskikh sooruzhenii i ikh montazh. Moskva, "Energiya," 1967. 351 p.

627.1 NATURAL INLAND WATERS

All-Union Symposium on "Interstitial Waters and Methods of their Study." Vestn. AN BSSR, Ser. khim. nav. no. 1 130 '67.

Using methods of variation in the calculation of riverbeds. I. U. A. Bad-zade, Izv. AN Azerb. SSR, Ser. nauk o zem. no. 5 68-97 '66.

627.1(471.45)—Volgograd Province

Changes in flow rates of the Volga River in the zone of headwaters of the Volgograd Hydroelectric Power Station. A. I. Eliseev, Trudy Inst. biol. vnut. vod. no. 7: 65-69 '65.

627.2 PORTS, HARBORS AND ROADSTADS. COAST AND MARINE WORKS

627.2(471.11)—Archangel Province

Kaitas Harbor is 25 years old. V. Makeev, Rech. transp. 26 no. 11 8-9 '67.

627 3 PORT INSTALLATIONS, EQUIPMENT DOCK-YARDS, QUAYS, ETC

Erofeev, N. I. [Technical means for the overall mechanization of loading and unloading operations in the merchant marine] Tekhnicheskie sredstva kompleksnoi mekhanizatsii peregruzochnykh rabot na morskomo transporte. Moskva, "Transport," 1967. 351 p.

In the Technical Council of the Ministry of the River Fleet. Rech. transp. 26 no. 11 53 '67.

Material interest of harbors and their responsibility for cargo handling and the servicing of a fleet in transit. N. Bakhtin, Rech. transp. 26 no. 11 16-17 '67.

Piers for loading and unloading fertilizers carried in bulk atonage. M. Nibulin, Rech. transp. 26 no. 11 49-50 '67.

Scientific organization of work plans for loading and unloading operations. A. Blidman, Rech. transp. 26 no. 11 50 '67.

627 4 IMPROVEMENT OF RIVERS, STREAMS. PROTECTION TRAINING WORKS

Optimum radius of curvature of a river bed. B. Khizhov, Rech. transp. 26 no. 11 39 '67.

627 4(282 24)—European Rivers

Ivanovskoye rapids should be transformed into an area of accident-free navigation. S. Ol'shamovskii, Rech. transp. 26 no. 11 44-47 '67.

627.8 DAMS LARGE RESERVOIRS AND BAR-RAGE DAMS HYDRAULIC POWER PLANT WORKS

627 8(477)—Ukrainian S. S. R.

Some characteristics of the distribution of microzoobenthos and natural zooplankton in Lenin Reservoir following construction of the Dneprodzerzhinsk Hydroelectric Power Station on the Dnieper River. A. M. Buzakova, I. P. Lubanov, Nauch. dokl. vyssh. shkoly biol. nauk 10 no. 12 22 '67.

627 9 COASTAL APPROACH WORKS. MARKING. SIGNALLING PILOTAGE RESCUE

Evolution of launch defenses. A. A. Obukhov, Mor. shor. 51 no. 1 37-41 Ja '68.

An unusual mission. I. U. Tarasiuk, A. I. Glazarin, Mor. shor. 51 no. 1 28-30 Ja '68.

628 PUBLIC HEALTH ENGINEERING

Borodin, I. V. [Technology and organization of the construction of water-supply and sewer systems and structures] Tekhnologiya i organizatsiya stroitel'stva vodopriyemnykh i kanalizatsionnykh setei i sooruzhenii. Moskva, Stroizdat, 1967. 231 p.

Sanitary engineering at two anniversary exhibitions. Vod. i san. tekhn. no. 12 10-21 D '67.

628.1 WATER SUPPLY WATERWORKS

Belozero, N. P., M. I. A. Eliseev, and V. G. Il'in. [Operation of agricultural water supply systems] Eksploatatsiya sel'skokhozyaistvennykh vodoprovodov. Moskva, "Kolos," 1967. 185 p.

Determining the rated period of the life of artesian wells. R. G. Dobrovolskii, Vod. i san. tekhn. no. 10 15-19 O '67.

Modern methods for laying pipelines. A. A. Aleksandrov, A. K. Poreshvkin, Vod. i san. tekhn. no. 10 7-13 O '67.

Possibility of changing the technological properties of water and water systems under the effect of magnetic fields. V. I. Klassen, Izv. vyz. uch. zav., i svet. met. no. 5 24-31 '67.

Problem of distilling saline water in the U. S. S. R. G. M. Solov'ev, Vod. i san. tekhn. no. 12 13-17 D '67.

Soviet scientific achievements in the development of methods of designing water supply systems and the application of the contemporary computer techniques. L. F. Moshnin, Vod. i san. tekhn. no. 10 1-7 O '67.

628.1(479.22)—Georgian S. S. R.

Developing water supply systems in the Georgian S. S. R. in the last 50 years. E. A. Sharashidze, Vod. i san. tekhn. no. 10 14-15 O '67.

628.1(479.24)—Azerbaijan S. S. R.

History of the water supply of Baku. R. A. Gadzhiev, Dokl. AN Azerb. SSR 23 no. 7 57-61 '67.

628.1(575.1)—Uzbek S. S. R.

Methodology of the evaluation of supplying large water intakes, as revealed by a study made in the Karagatinskii artesian basin. S. Sh. Mirzaev, Kh. i. Valiev, Uzb. geol. zhur. 10 no. 4 74-82 '66.

628.3 SEWAGE. PURIFICATION, ETC.

Filters for mechanical purification of industrial waste waters. N. A. Derovshchikov, Transp. i khran. nefi i nefteprod. no. 10 21-23 '67.

628.3 (Continued)

- Increasing the efficiency of the investments in the constructions of water reservoirs and purification of waste waters at petroleum refining plants. S. I. Baril, I. A. G. Sorkin. Zhur VKHO 12 no. 6 622-627 '67.
- Methods for the purification of industrial sewage in the paint materials industry. A. V. Sakharov, I. P. Zegz, Zhur VKHO 12 no. 6 667-671 '67.
- Methods for the purification of waste waters from anion synthetic surface active substances. I. U. Lur'ye, P. S. Antipova. Zhur VKHO 12 no. 6 671-676 '67.
- Methods of purifying waste waters containing multi-component systems. A. I. Zhukov, I. D. Rodziller. Zhur VKHO 12 no. 6 602-607 '67.
- Modern methods of the purification of waste waters of petroleum refinery industry. I. L. Mongait, P. I. Pobegailo, A. A. Bondarev. Zhur VKHO 12 no. 6 615-622 '67.
- Purification of waste waters from the production of organophosphorus poisonous chemicals. B. I. Libman, N. Sh. Fuks. Zhur VKHO 12 no. 6 651-656 '67.
- Purification of waste waters in the production of antibiotics. I. E. Gushina, A. A. Dmitrieva. Zhur VKHO 12 no. 6 676-681 '67.
- Purification of waste waters of electroplating plants. A. N. Delevtsev, V. E. Genkin. Zhur VKHO 12 no. 6 611-651 '67.
- Purification of waste waters of polystyrene plastics manufacturing. L. I. Shumil, V. A. Prokhorova, E. M. Kuznetsova. Zhur VKHO 12 no. 6 662-666 '67.
- Purification of waste waters of suspension polyvinyl chloride production. I. U. Lur'ye, V. P. Sokolov. Zhur VKHO 12 no. 6 657-662 '67.
- Purification of waste waters of synthetic rubber plants and adjacent products of petroleum chemical synthesis. V. I. Ivanov. Zhur VKHO 12 no. 6 627-637 '67.
- Purification of waste waters of viscose fiber plants. E. A. Kulakov, I. N. Miasnikov. Zhur VKHO 12 no. 6 638-644 '67.
- Sanitary aspects of the protection of reservoirs from chemical contaminations. S. N. Cherkashin. Zhur VKHO 12 no. 6 607-611 '67.
- Selecting the extractant for dephenolization of waste water of by-product coke plants. O. A. Semenova, A. L. Shitlin. Koks i Khim. no. 7 46-47 '67.
- Utilization of flocculants in waste water purification. I. I. Veitse. Zhur VKHO 12 no. 6 612-615 '67.
- Waste waters have to be pure. Bum. prom. no. 10 1-2 '66.

628.5 INDUSTRIAL SANITATION, NUISANCES

- Calculating the height of ventilation pipes for discharging air containing radioactive substances. V. M. Krupchatnikov. Vod. i san. tekhn. no. 10/30-34 '67.
- Sanitary and hygienic characteristics of noise on seagoing vessels of Caspian navigation. R. O. Amirov, I. U. M. Razamat. Azerb. med. zhur. 44 no. 11 42-46 '67.

628.8 INDOOR CLIMATE ENGINEERING

- Improving the heating and ventilation of farm buildings in the last 50 years. A. I. Shchutskii. Vod. i san. tekhn. no. 12 1-4 '67.
- New design for unit-type ejector and ventilator air conditioner. O. I. A. Kokorin, Khok. tekhn. 44 no. 11-29-33 '67.
- Transistorized pulse chopper. O. A. Vavilin, Khok. tekhn. 44 no. 11-42-43 '67.

628.9 ILLUMINATING ENGINEERING

- Method for evaluating the qualities of receiving optical systems equipped with parabolic-circular reflectors. E. I. Altman, N. V. Chernyshova. Opt. mekh. prom. 34 no. 10/1-4 '67.

629.1 PARTS, EQUIPMENT OF VEHICLES OR CRAFT

- Braking of single-drum belt conveyors. V. I. Leskevich, I. I. Kashcheev. Gor. elektronika, i avtom. no. 6 71-77 '66.
- Complex system of course indication. A. A. Iakushnikov. Trudy TSNIIMF no. 69-49-58 '66.
- Effect of acceleration on the stability and parameters of a gyro compass with automatic compensation of this acceleration produced by the rotation of axes during damping. A. V. Sokolov. Trudy TSNIIMF no. 69-59-64 '66.
- Effect of viscous friction in the vibrations of a gyroscope, on the movement of the gyrosphere of a two-rotor gyro compass. A. E. Potemkin. Trudy TSNIIMF no. 69-65-71 '66.
- Errors in the performance of an inertial navigation system caused by an inaccurate input of initial data into computer. V. A. Storozhenko, M. E. Temchenko. Mekh. i ver. tefa. no. 4 82-87 '67.
- Modeling the pitting corrosion of ship hull plating with static loading. D. T. Chapkis. Trudy TSNIIMF 13 no. 82-94-50 '67.
- More compact loading of tractors. P. A. Kuznetsov, N. V. Marin, A. L. Selivanova. Zhel. dor. transp. 49 no. 8-26-29 '67.
- Nickel-phosphorus coatings as method of reconditioning and increasing the wear resistance of machine engine parts. M. I. Dvorkin, A. V. Karyshov. Trudy LITV no. 94-20-26 '67.

- Prolong the life of tires. I. Ushakov. Mat. -tekh. snabzh. 2 no. 11 85 '67.

- Prostakov, A. L. [Hydroacoustics and the ship; based on materials of the foreign press] Gidroakustika i korabl', po materialam zarubezhnoi pechati. Leningrad, "Sudostroenie," 1967. 200 p.

- Reducing excessive heat in axle boxes. I. M. Karoteev, V. B. Kudzev, A. S. Osipov. Zhel. dor. transp. 49 no. 6 41-45 '67.

- Regularities of the distribution of residual camber deflection in deck coverings and plating of ship hulls. A. S. Briker. Trudy TSNIIMF 13 no. 82 19-25 '67.

- Standardizing the general rigidity of merchant ship hulls. A. I. Maksimadzu. Trudy TSNIIMF 13 no. 82 64-70 '67.

- Welding up defects of brass screw propellers of large-capacity ships. A. P. Pashkov, E. G. Kiperlik, M. M. Kudlashev. Svar. proizv. no. 12-42 D '67.

629.113 MECHANICALLY PROPELLED (MOTOR) VEHICLES, AUTOMOBILE ENGINEERING

- Antonov, A. S. [Power transmission of wheel and track-laying vehicles. Theory and design] Silovye peredachi koleznykh i gusenichnykh mashin. Teoriia i raschet. Leningrad, "Mashinostroenie," 1967. 439 p.
- Archangel'skii, V. M., and others [Automotive engines] Avtomobil'nye dvigateli. Pod obshch. red. M. S. Khovakha. Moskva, "Mashinostroenie," 1967. 494 p.
- Chutkov, R. A., and A. K. Molin. [Instruments for the maintenance of the electrical equipment of motor vehicles] Priборы dlia tekhnicheskogo obsluzhivaniia elektrobordovaniia avtomobiliei. Moskva, "Transport," 1967. 125 p.
- Duration of strain measurements in automobile frames. A. I. Shevchenko, S. S. Dmitriyenko. Izv. vyz. ucheb. zav. mashinostr. no. 6 85-89 '67.
- Equipment for CO₂ welding of pivot axles with flanges of the back axles of a ZIL-130 car. B. P. Peigudin. Svar. proizv. no. 1 38-40 Ja '68.
- Tractor and agricultural machinery industry at the 50th anniversary of the Great October Revolution. M. S. Sidel'nikov. Vest mashinostr. 47 no. 11-16-21 N '67.

629.113(471.310)—Moscow City

- "ZIL-111" at the start. Prom. Arm. 9 no. 6-62 '66.

629.118 BICYCLES, MOTORCYCLES, SCOOTERS

- Yolkov, A. T. [Repair of motor scooters] Remont motorolletov. Izd. 2., pereabot. i dop. Moskva, "Mashinostroenie," 1967. 289 p.

629.12 SHIPBUILDING SHIPS BOATS

- Calculation of diesel cooling systems on refrigerator trawlers. G. S. Rozhanskii, P. E. Nechaev. Ryb. khoz. 14 no. 131-33 '66.
- Contribution of Soviet scientists to the development of the ship theory. I. V. Gits. Sudostroenie 57 no. 11 21-20 N '67.
- Developing a technology for working steel plate for hulls. P. M. Siplin. Sudostroenie 57 no. 11-67-71 N '67.
- Developments in power plants on merchant ships during the years of Soviet government. V. B. Kotsubenko, L. B. Sedakov. Sudostroenie 57 no. 11 32-30 N '67.
- Developments in ship systems and automatic control devices. A. I. Mil'skii. Sudostroenie 57 no. 11 30-49 N '67.
- Developments in the technology of ship antennas. I. I. Pavlov, I. A. Glushinskii, T. A. Gurgendze. Sudostroenie 57 no. 11-54-56 N '67.
- Drazonskiy, Z. B., and N. L. Lushkov. [Handbook of a welder in shipbuilding] Spravochnik svarschika-sudostroitelia. 2-e. izd., dop. i pererabot. Leningrad, "Sudostroenie," 1967. 388 p.

- Electrical marine engineering in Russia. A. A. Azovtsev, G. I. Kitaenko, A. V. Kurlenko. Sudostroenie 57 no. 11 50-53 N '67.

- Electronic computers and progress in structural mechanics. O. M. Paili, V. S. Chuvikovskii. Sudostroenie 57 no. 11 26-31 N '67.

- Enamels for furnace protection. A. M. Struchkov. Ryb. khoz. 44 no. 1-39 '66.

- Fifty years of Soviet shipbuilding. B. E. Butoma. Sudostroenie 57 no. 11 3-5 N '67.

- Foreign shipbuilding regulations on the use of high-strength steels. A. I. Maksimadzu, M. N. Enshtein. Trudy TSNIIMF 13 no. 82-71-76 '67.

- Improving the construction of ship hulls. L. TS. Adlerstein, A. M. Paller, V. F. Sokolov. Sudostroenie 57 no. 11 72-78 N '67.

- Improving the launching of ships. A. A. Gaiszenok, M. K. Ghozman, N. I. Pirogov. Sudostroenie 57 no. 11 88-90 N '67.

- Improving the technology of manufacturing and installing ship piping. A. V. Spiridonov. Sudostroenie 57 no. 11 82-88 N '67.

- Merchant seamen send their greetings to shipbuilders. V. G. Bakaev. Sudostroenie 57 no. 11-9 N '67.

- Meleph, R. A. [Precise analytical methods in the theory of nonlinear automatic systems; with examples of automatic control systems for ships] Tochnye analiticheskie metody v teorii nelineynykh avtomaticheskikh sistem, s primerami iz sudovoi avtomatiki. Leningrad, "Sudostroenie," 1967. 446 p.

- Present state of machine installation operations on ships. A. P. Markov. Sudostroenie 57 no. 11 78-82 N '67.

- Prospects for mechanizing engineering and materials in shipbuilding. N. A. Kiselev, P. S. Zil'lat. Sudostroenie 57 no. 11 63-66 N '67.

- Responsibilities of a ship's commander in accidents in international waters. I. E. Tarkhanov. Mor. sbor. 53 no. 9 83-88 S '67.

- Results of model tests to determine impact bearing moments. M. A. Bel'gova. Trudy TSNIIMF 13 no. 82 3-18 '67.

- Riabinskii, I. A. [Principles of the theory and design of marine electric-power systems] Osnovy teorii i rascheta nadezhnosti sudovykh elektromekhanicheskikh sistem. Leningrad, "Sudostroenie," 1967. 361 p.

- Russian names of ships on the map of the world. Mor. sbor. 50 no. 9 89-90 S '67.

- Scientists and shipbuilding. I. U. P. Polapov. Mor. sbor. 51 no. 12 14-17 D '67.

- Selecting the operational speed of propulsion of river boats. A. F. Chernysh. Gidromekhanika no. 4 61-65 '66.

- Ship radar station "Okean." I. P. Lisenkov, V. F. Volynets. Sudostroenie 57 no. 11 57-62 N '67.

- Shipbuilders on the eve of the anniversary. Sudostroenie 57 no. 11 105-108 N '67.

- Standardizing and raising combat quality of ships. I. V. Solov'ev. Mor. sbor. 51 no. 1 61-66 Ja '68.

- Timetable of ship operations. Ryb. khoz. 44 no. 1 72-81 '68.

- Training personnel to repair radioelectronic units on ships. A. V. Ianiushko, V. D. Kabko. Mor. sbor. 51 no. 1 50-54 Ja '68.

- Using mathematical economics and electronic computers in the design of ships. V. S. Dorin, V. M. Pavlov, V. E. Soldatov. Sudostroenie 57 no. 11 17-24 N '67.

- Using the method of the start of least action to calculate the strength of frame reinforced ship hulls. A. K. Osmolovskii. Trudy TSNIIMF 13 no. 82-26-13 '67.

- With Lenin's name on its side. L. A. Shinkovskii. Sudostroenie 57 no. 11 98-99 N '67.

- Worker with clever hands. N. I. Alekseev. Sudostroenie 57 no. 11 110-111 N '67.

629.12(431)—German Democratic Republic

- Anniversary congratulations. Sudostroenie 57 no. 11 112 N '67.

629.12(73)—United States of America

- The shipbuilding industry in the United States. E. S. Marinin. Mor. sbor. 51 no. 1 73-78 Ja '68.

629.122 INLAND (FRESHWATER) CRAFT

- Inland water transportation workers greet shipbuilders. S. A. Kuchkin. Sudostroenie 57 no. 11 11 N '67.
- Modern river tankers. V. I. Postnikov. Transp. i khoz. nefti i nefteprod. no. 10 11-13 '67.
- New vessels for inland waterways. I. P. Gushelina. Sudostroenie 57 no. 11 91-95 N '67.
- Ryzhov, L. M., and N. F. Solarev. [Maneuverability of river boats and convoys] Manevrennost' rechykh sudov i sostavov. Moskva, "Transport," 1967. 143 p.
- Ship architecture in the river fleet: from its history during the last 50 years. L. Dobin. Rech. transp. 25 no. 11 23-25 '67.
- Signals for passing. S. Golubenkov. Rech. transp. 26 no. 11 42 '67.

629.122(282.5)—Artificial waterways Canals

- Standing of vessels in the lock chamber of the Volga-Don Navigation Canal named for V. I. Lenin. A. I. I. Rech. transp. 26 no. 11 34-36 '67.

629.123 SEA OR OCEAN GOING VESSELS AND SHIPS

- Cementing wells from drilling vessels. M. N. Makhmudov and others. Izv. vyz. ucheb. zav. i neft' i gaz. 10 no. 6: 26-28 '67.
- Pavlov, A. A. [Radio navigation at sea] Radionavigatsiia na more. Moskva, "Transport," 1967. 114 p.
- Rolling and deflection of ships sailing in stormy conditions. E. L. Sukhtir. Trudy TSNIIMF 13 no. 82 79-87 '67.

629.124 SPECIAL TYPES OF VESSEL OR CRAFT

- Building of merchant ships and fishing vessels in the anniversary year. E. G. Frid, M. N. Beliaev. Sudostroenie 57 no. 11 12-17 N '67.
- Efficiency of introducing submersible pumps on tank vessels. V. Postnikov, G. Sizov. Rech. transp. 26 no. 11 18-19 '67.
- Expanding and improving the pusher navigation system. G. Vaganov, L. Ryzhov. Rech. transp. 26 no. 11 5-7 '67.
- First Soviet ice-breaking vessels of the "Sedov" type. A. I. Dubravlin. Sudostroenie 57 no. 11 103-104 N '67.
- Greetings to shipbuilders and to the readers of the journal "Sudostroenie." A. A. Iakubov. Sudostroenie 57 no. 11 10 N '67.
- Results of testing the strength and vibration of "Lisichansk"-type tanker hulls in operational conditions. F. V. Iakovskii, A. S. Briker. Trudy TSNIIMF 13 no. 82 51-63 '67.

629 19 (Continued)

- 499

- 631 8 (Continued)
Complex fertilizers based on phosphate, nitric acid, and sulfur dioxide. M. N. Nabin, A. M. Kimalov, V. K. Dubovaya. Uch. zhurn. 11 no. 13-6 '67
- Complex treatment of table salt. P. A. Decomposition of apatite concentration by ammonium bisulfate with an increased amount of acid and the determination of optimum conditions for filtration and washing of sludge. I. O. Gerasimov and others. Uch. zhurn. 20 no. 2 137-163 '67
- [Compound fertilizers and their effectiveness (ammonium phosphates and polyphosphates), a review of American literature]. Slozhnye udobreniya i ikh effektivnost' (fosfaty i polifosfaty ammoniya) obzor amerikanskoy literatury. Moskva, 1966 47 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu, Obzor literatury, no. 5(56)). (DNAL)
- Create equal economic conditions for the acquisition of mineral fertilizers on collective and state farms in various zones of the country. V. P. Alferiev. Dokl. Akad. Nauk SSSR 136, 82-91 '66
- Chemical-spectral method of determining thallium in potassium fertilizers. V. P. Zhukovskiy and others. Uch. zap. Perm gos. un. no. 159 238-242 '66
- Dependable storage facilities for mineral fertilizers. P. Krut'kovskiy. Sel'sk. stroi. 18 no. 2-3 4 '64
- Designs of storerooms for mineral fertilizers and toxic chemicals. A. Drobinskii. Sel'sk. stroi. 18 no. 3 20-21 '64
- Effect of bacterial fertilizers on fodder beans cultivated in lowland peat bogs. A. M. Kushnir. Bot., issl. Bel. otd. VBO no. 9 67-74 '67
- Effect of fertilizers on *Lupinus polyphyllus* Lindl. growth under forest canopy. V. N. Tolstoy. Bot., issl. Bel. otd. VBO no. 9 145-150 '67
- Effect of growth stimulants of petroleum and peat origin on yield and nutrient content in sugar beets. V. S. Zhulina. Bot., issl. Bel. otd. VBO no. 9 59-67 '67
- Effect of lime and molybdenum on soil and the yield of grain crops. V. A. Rochev, B. S. Prints, E. P. Nitykh. Trudy Sverd. sel'khoz. inst. 14 53-54 '65
- Effect of microelements and fertilizers on corn resistance to Helminthosporium infection. A. A. Natishvili. Trudy Inst. zashch. rast. AN Gruz. SSR 18 181-187 '66
- Effect of mineral fertilizers on the yield of barley. V. A. Rochev and others. Trudy Sverd. sel'khoz. inst. 11 62-65 '65
- Effect of potassium ions on generation and conduction of action potentials in conducting bundles of the pumpkin (*Cucurbita pepo* L.). C. I. Vyskrebentseva, A. M. Sinukhin. Fiziol. rast. 14 no. 5 823-832 '67
- Fertility of the soil and fertilization in Krasnoyarsk Territory. Materials of a scientific and technical conference dedicated to the centenary of Academician D. N. Pryanishnikov's birth. Ploodorodie pochvy i udobreniya v Krasnoyarskom krae. Materialy nauchno-tekhnicheskoy konferentsii, posvyashchennoy 100-letiyu so dnya rozhdeniya akademika D. N. Pryanishnikova [Krasnoyarsk]. Krasnoyarskoe kn. izd., 1967. 578 p.
- Give special attention to the construction of mineral fertilizer storerooms. S. Golubev. Sel'sk. stroi. 18 no. 2 4-5 '64
- How to determine the capacity of mineral fertilizer storerooms. A. Dudin. Sel'sk. stroi. 18 no. 2-3 6 '64
- Means for the mechanical removal of manure on swine farms. N. T. Kuz'minov. Trudy Sverd. sel'khoz. inst. 14 262-263 '65
- Mineral composition of nutrient mixture for peat pots. L. N. Gorokhova. Trudy Sverd. sel'khoz. inst. 14 60-62 '65
- Powdery gypsum for agriculture. I. A. Binder, Stand. i kach. 31 no. 9-21-22 3 '67
- Production of enriched superphosphate by the heating of simple superphosphate. A. M. Poliak, E. D. Dzuba, L. P. Malysheva. Vestn. AN BSSR. Ser. khim. nav. no. 1 73-78 '67
- Ratio among nutrients for tomatoes in outdoor growing. L. N. Gorokhova. Trudy Sverd. sel'khoz. inst. 14 58-59 '65
- Regularize payments for the delivery of mineral fertilizers. M. Kuz'min. Mat.-tekhn. snabzh. 2 no. 12 46-52 '67
- Siniagin, I. I., comp. [Controlling the microbiological transformation of fertilizers in the soil, a review of Soviet and foreign literature]. Regulirovanie mikrobiologicheskikh prevrashcheniy udobreniy v pochve, obzor otechestvennoy i inostrannoy literatury. Moskva, 1966. 64 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu, Obzor literatury, no. 13(75)). (DNAL)
- [Use of biological nitrogen of leguminous grasses on cultivated pastures]. Ispol'zovanie biologicheskogo azota bobovykh trav na kul'turnykh pashibshchakh. Moskva, 1967. 63 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu, Obzor literatury, no. 3(97)). (DNAL)
631. 8(471.54)—Sverdlovsk Province
Effect of manganese and cobalt on sugar beets in various soils of Sverdlovsk Province. Trudy Sverd. sel'khoz. inst. 14 51-52 '65
- Use of molybdenum and cobalt salts for foliar feeding of clover in semi-forest steppe soils in Sverdlovsk Province. M. G. Oborina. Trudy Sverd. sel'khoz. inst. 14 48-50 '65
- 631 8(471.62)—Krasnodar Territory
Plav, Plav, Plav. A. Lukashov. Grahd. av. 24 no. 11-27 N '67
- 631 8(479.24)—Azerbaijan S. S. R.
Transformation of new nitrogen fertilizers in a swampy soil. R. K. Guseinov, I. G. Khundov. Dokl. AN Azerb. SSR 23 no. 8 76-79 '67
- 631 9 AGRICULTURAL INFLUENCES, ECOLOGY, ETC
631 9(57)—Asiatic U. S. S. R.
TSatsenkin, I. A. [Ecological scales of pasture vegetation and hay crops in mountain and plain regions of Middle Asia, the Altai and Urals]. Ekologicheskie shkaly dlia rasteniy pashibshch i senokosov gornyykh i ravninykh rayonov Srednei Azii, Altaia i Urals. Pod red. G. T. Sidorenko. Dushanbe, "Donish", 1967 224 p.
- 632 CROP DAMAGE AND PROTECTION
Elements of the formation of *Tilletia* species. A. E. Protsenko, E. P. Protsenko. Bul. VIR no. 8 19-21 '60
- [Cultivation practices as measures for controlling the verticillium wilt of cotton, a review of foreign literature]. Agrotekhnicheskie меры bor'by s vertitsilloznym viltom khlopchatnika, obzor inostrannoy literatury. Moskva, 1966 67 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu, Obzor literatury, no. 8(84)). (DNAL)
- Effect of radioactive isotope S^{35} on some biological properties of the citrus bacterial necrosis agent *Pseudomonas citripustula* (C. O. Smith) Stapp. G. A. TSilosani. Trudy Inst. zashch. rast. AN Gruz. SSR 18 297-304 '66
- Effect of radioactive sulfur (S^{35}) on wheat rust. I. A. Zepinidze. Trudy Inst. zashch. rast. AN Gruz. SSR 18 255-262 '66
- Eremenko, V. M., and others. [Handbook of pest control in grain storages]. Rukovodstvo po bor'be s vreditellami khleboznykh zapasov. Moskva, "Kolos", 1967 335 p.
- Injuriosities of leaf rust of wheat. I. Shoshlashvili, A. Natishvili. Trudy Inst. zashch. rast. AN Gruz. SSR 18 305-307 '66
- Kolomolets, N. G. [Acantholyda stellata. (Distribution, biology, damage, natural enemies, and measures of control)]. Zvezdchalyi pilil'schik-ikach (Rasprostraneniye, biologiya, vred, estestvy vragi, меры bor'by). Otv. red. A. I. Cherepanov. Novosibirsk, "Nauka", 1967. 136 p.
- [Laboratory manual of phytopathology]. Praktikum po obshchey fitopatologii. Pod red. P. N. Golovina. Leningrad, "Kolos", 1967 184 p. (Uchebniki i ucheb. posobiya dlia vyssh. s.-kh. ucheb. zavedeniy)
- New fine spraying machine used in vineyards. G. E. TSeruasvili, A. A. Ramishvili. Trudy Inst. zashch. rast. AN Gruz. SSR 18 369-374 '66
- Preliminary results of studying the characteristics of the nutrition of the larvae of the syrphus fly *Eumerus tuberculatus* Rond. A. G. Chudinova. Trudy Sverd. sel'khoz. inst. 14 106-108 '65
- Protecting plants from pests and diseases. I. Derbeneva. Tyz. i snab. Sov. Vost. Sil 21 no. 6 56-57 Je '67
- Resistance of the lakra-type potatoes to Phytophthora infection and other diseases. E. P. Shumilenko. Trudy Sverd. sel'khoz. inst. 14 81-85 '65
- Some problems of the biology of *Ophiobolus graminis* Sacc., an agent of wheat root rot. N. A. Endeladze. Trudy Inst. zashch. rast. AN Gruz. SSR 18 221-225 '66
- Third All-Union Conference on Plant Immunity to Diseases and Pests. Bul. VIR no. 9 63-65 '60
- Use of organic insecticides in controlling the onion and syrphus flies. A. G. Chudinova. Trudy Sverd. sel'khoz. inst. 14 109-113 '65
- Use of the salts of 8-hydroxyquinoline and some other chemical compounds in controlling the fusarium wilt of bulb and tuber crops. E. P. Shumilenko. Trudy Sverd. sel'khoz. inst. 14 78-83 '65
- Utilization of soil herbicides in tea plantations. R. A. Khubutilla, M. N. Chantladze. Trudy Inst. zashch. rast. AN Gruz. SSR 18 349-355 '66
- 632(471.22)—Karelian A. S. S. R.
Some advances in studying the effect of microelements on *Phytophthora infestans*. T. V. Petrova. Uch. zap. Kar. ped. inst. 19 27-30 '66
- 632(471.5)—Ural regions
Materials for studying the biology of syrphus flies damaging Liliaceae and Iridaceae in the Central Urals. N. S. Turayev, A. G. Gudnova. Trudy Sverd. sel'khoz. inst. 14 100-105 '65
- 632(471.61)—Rostov Province
Population dynamics of *Gnorimoschema*, ocellatella Boyd, and *Pemphigus fusicornis* Koch, and their entomophages in Rostov Province. V. A. Minoranskii. Nauch. dokl. vys. shkoly biol. nauk 10 no. 12 31-34 '67
- 632(471.62)—Krasnodar Territory
Study of wheat collection as to the resistance to rust and yellow-stripe rusts in Kuban. A. A. Vorobeyev, A. D. Trubchaninov. Bul. VIR no. 8 1-9 '60
- 632(476)—White Russian S. S. R.
Cyclicality and dynamics of mass reproduction of *C. tritici* dispar. L. in Rostov Province. E. S. Kobanovskiy. Dokl. vys. shkoly biol. nauk 10 no. 12 45-46 '67
- Development of physiologically active substances infected with *Fomopsis annosa*. N. I. Fomina. Trudy Bel. otd. VBO no. 9 227-232 '64
- 632(477.8)—Western Ukraine
Premature stamen death in corn. I. V. Raychuk. Trudy VIR no. 8 26-28 '60
- 632(479.22)—Georgian S. S. R.
Agents of apricot verticilliosis in Georgia. I. A. Tsilosani, E. D. Dzighanuli. Trudy Inst. zashch. rast. AN Gruz. SSR 18 263-269 '66
- Control measures against bacterial wilt of cotton. G. A. TSilosani, E. D. Dzighanuli. Trudy Inst. zashch. rast. AN Gruz. SSR 18 263-269 '66
- Control measures against powdery mildew of cotton. Marmari District. G. A. Khetautiani. Trudy Inst. zashch. rast. AN Gruz. SSR 18 315-316 '66
- Materials on diseases of peas and some other crops. G. Sh. Tatiashvili. Trudy Inst. zashch. rast. AN Gruz. SSR 18 271-275 '66
- Materials on the biology of *Verticillium dahliae* Reinke et Berthold, an agent of lateral wilting of corn. A. V. Mryavanadze. Trudy Inst. zashch. rast. AN Gruz. SSR 18 227-234 '66
- Materials on the injuriousness and control of *Phaeocytospora* infection of corn. I. A. Shoshlashvili, N. S. Kishinashvili, A. A. Natishvili. Trudy Inst. zashch. rast. AN Gruz. SSR 18 249-254 '66
- 632(479.223)—Adzhara A. S. S. R.
Study of the toxic effect of new acaricides on fruit mites. T. N. Novitskaya. Trudy Inst. zashch. rast. AN Gruz. SSR 18 343-347 '66
- 632(571.17)—Kemerovo Province
Brief notes on the biology of potato flea beetle. V. B. Kostromitin. Trudy Sverd. sel'khoz. inst. 14 91-94 '65
- Flea beetles (*Coleoptera*, *Chrysomelidae*). Fleas in Kemerovo Province. V. B. Kostromitin. Trudy Sverd. sel'khoz. inst. 14 86-90 '65
- Materials for studying the dynamics of the harmfulness of some flea beetle species in the Kemerovo Province. V. B. Kostromitin. Trudy Sverd. sel'khoz. inst. 14 91-94 '65
- 632(575.3)—Tajik S. S. R.
Virus diseases of potatoes in Gorno-Badkhi Autonomous Province. N. I. Ostrova. Bul. VIR no. 22-25 '60
- 632 9 CROP PROTECTION. PEST CONTROL.
Effect of thermal seed treatment on *Diuraphis* increase in pulse crops. P. V. Pak, N. I. Chubukov. Bot., issl. Bel. otd. VBO no. 9 41-46 '67
- How to organize the pest control of grain reserves. V. Rotanova, P. Solodovnik. Zakup. sel'khoz. inst. no. 1 57-59 Ja '67
- Materials for studying the fungicide activity of the derivatives of the heterocyclic and aromatic series. N. S. Turayev, E. G. Novikov. Trudy Sverd. sel'khoz. inst. 14 66-69 '65
- New fine spraying machine used in vineyards. G. E. TSeruasvili, A. A. Ramishvili. Trudy Inst. zashch. rast. AN Gruz. SSR 18 369-374 '66
- Preliminary results of the field testing some derivatives of the heterocyclic and aromatic series on the seeds of millet. N. S. Turayev, E. G. Novikov. Trudy Sverd. sel'khoz. inst. 14 73-78 '65
- Results from testing keltane and phosphomith against common red spider feeding on gourd family. D. I. Shonlia. Trudy Inst. zashch. rast. AN Gruz. SSR 18 342 '60
- Structure and fungicide activity of some derivatives of 2-formyldiphenyl-2-carboxylic acid. I. I. Kishina. Zhur. VKHO 10 no. 6 693 '67
- Toxicological evaluation of fungicides synthesized on a basis of coke-chemical raw materials. N. G. Turayev, E. G. Novikov. Trudy Sverd. sel'khoz. inst. 14 70-72 '65
- Use of insecticides for controlling flea beetles feeding on sugar beet and cruciferous plants. V. B. Kostromitin. Trudy Sverd. sel'khoz. inst. 14 87-93 '65
- [Use of radioactive isotopes and radiation in the protection of plants from pests]. Primeneniye radioaktivnykh izotopov i izlucheniya dlia zashchity rasteniy ot vreditel'nykh organizmov. Moskva, 1967. 62 p. (Vsesoyuznyi institut nauchno-tekhnicheskoy informatsii po sel'skomu khoziaistvu, Obzor literatury, no. 19(82)). (DNAL)

Protected plant species in White Russia. A. B. Moiseeva. Bot. inst. Bel. old VBO no. 9 121-133 '67.

632 95 PESTICIDES AND CONTROL CHEMICALS

Effect of deworming by carbon tetrachloride and heptachlor on milk productivity of dairy cattle. T. P. Veselova and others. Trudy VIGIS 12:114-116 '66.

Effect of iodine and dithazine on transamination processes and reductive amination in *Dictyocaulus filaria*. O. I. Pailakova. Trudy VIGIS 12:149-153 '66.

Effect of mulberry leaf treatment with new fungicides on silk worm caterpillars. T. T. Ovanessian, N. N. Chanturia. Trudy Inst. zashch. rast. AN Gruz. SSR 10 331-337 '66.

Effect of technical orthochlorophenol and sodium methyl-dithiocarbamate on eggs of *Trichocephalus sumi*, *Metastomus* sp., eggs and larvae of *Oesophagostomum* sp. and larvae of *Strongyloides ransomi*. I. N. Tushin. Trudy VIGIS 12:109-113 '66.

Effectiveness of piperazine dithiocarbamate in *Dictyocaulus*, *Haemonchus* and *Trichocephalus* invasion of sheep. D. I. Panasiuk, L. A. Dimakov, P. S. Ugumov. Trudy VIGIS 12:142-134 '66.

Car. K. A. [New chemical substances for the protection of the garden] Nove khimicheskie sredstva zashchity sada. Moskva, Rossel'khozizdat, 1967. 138 p.

Hexamethylenbutane sulfamide, a new insect repellent. G. S. Peremaiskii and others. Med. paraz. i paraz. bol. 36 no. 5 730-733 N-D '67.

Methods of producing ovidial and larvicidal chemicals for disinfecting farm buildings. I. N. Tushin. Trudy VIGIS 12:105-109 '66.

Results from testing kelthane and phosphamide against common red spider feeding on gourd family. D. I. Shontia. Trudy Inst. zashch. rast. AN Gruz. SSR 10 330-342 '66.

Study of the anthelmintic effect of "promintol," "mintie" and piperazine sulfate on sheep trichostrongylosis. V. N. Ozerkova, E. I. Zhalchenko, V. S. Pailushin. Trudy VIGIS 12:111-127 '66.

Study of the toxic effect of new acaricides on citrus fruit mites. T. N. Novitskaya. Trudy Inst. zashch. rast. AN Gruz. SSR 10 343-347 '66.

Synthesis of herbicides. Part 2. β -N,N'-N-(α -alkoxy β , β -trichloroethyl) urea and 2-amino-4,6-bis (α -alkoxy β , β , β -trichloroethylamino)-s-triazoles. V. V. Dovlatin, D. A. Kostanin. Axiom khim. zhur. 20 no. 2 123-126 '67.

Testing new acaricides against field mite. I. M. Berishvili, M. S. Bagdasaryan, Dzh. M. Beradze. Trudy Inst. zashch. rast. AN Gruz. SSR 10 149-158 '66.

Toxicity of chlorophos for adults of *Musca domestica* with different degrees of sensitivity to insecticides. N. K. Balan, Med. paraz. i paraz. bol. 36 no. 5 744-748 N-D '67.

Use of organophosphorus compounds in domestic animal helminthiasis control. D. I. Panasiuk, L. A. Dimakov. Trudy VIGIS 12:127-132 '66.

Utilization of soil herbicides in tea plantations. R. A. Khabatula, M. N. Chantadze. Trudy Inst. zashch. rast. AN Gruz. SSR 10 349-355 '66.

632, 95(476 22)—Georgian S S R.

More exact definition of effective agrotechnical and chemical control against main corn pests in Georgia. I. U. Tvaladze, N. I. Parulava. Trudy Inst. zashch. rast. AN Gruz. SSR 10 17-29 '66.

Study of *Aphis maidis* feeding on corn and its control measures. A. T. Alashidze, I. U. Tvaladze. Trudy Inst. zashch. rast. AN Gruz. SSR 10 59-70 '66.

Study of control measures against *Capnodis tenellionis* L. B. A. Alashidze. Trudy Inst. zashch. rast. AN Gruz. SSR 10 121-128 '66.

Study of the effectiveness of some chemical preparations against *Synanthedon myopaeformis* Borkh. in Georgia. P. J. Chapidze. Trudy Inst. zashch. rast. AN Gruz. SSR 10 129-136 '66.

633 FIELD CROPS. INDUSTRIAL CROPS

All-Union conference on the improvement of the quality of vegetable and melon culture. I. I. Varentsov. Kona. sov. prom. 22 no. 11 45-46 N '67.

Al'tergol, V. F., and E. N. Pomazova. [Stimulation of physiological processes in corn] Stimulirovaniye fiziologicheskikh protsessov kukuruzy. Novosibirsk, "Nauka," 1967. 58 p.

Biochemical seed study of various hemp types. N. P. Ibrash. Biul. VIR no. 8 33-39 '60.

Biochemical study of soft wheat collections of Central Asia, Afghanistan and Hindustan. L. V. Milovanova, R. A. Udachin. Biul. VIR no. 8 29-32 '60.

Change in the quantity and quality of fat in castor seeds during storage. S. Olomseva. Muk. elev. prom. 33 no. 10 17-18 O '67.

Changes in the structure and composition of aleurone grains in maturing castor seeds. A. A. Prokof'ev, I. N. Sveshnikova, A. M. Soboleva. Fiziol. rast. 14 no. 5 889-897 S-O '67.

Cultivation practices as measures for controlling the verticillium wilt of cotton, a review of foreign literature. Agrotekhnicheskie меры борьбы с вертициллезным вилтом хлопчатника, обзор иностранной литературы. Moskva, 1966. 67 p. (Vsesoiuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 8(84) (DNAL)

Effect on cultivation conditions on the technological quality of single-seed sugar beet. I. F. Buzanov and others. Trudy TSINS no. 11 10-18 '63.

Effect of lime and molybdenum on soil and the yield of farm crops. V. A. Rochev, B. S. Prints, E. I. Mysh. Trudy Sverd. sel'khoz. inst. 11 53-54 '65.

Effect of mineral fertilizers on the yield of barley. V. A. Rochev and others. Trudy Sverd. sel'khoz. inst. 11 63-65 '65.

Effect of soaking seeds in hydrogen peroxide on the yield of sugar beets. V. T. Seleznev, P. I. Shalomo, V. V. Forzhain. Trudy Sverd. sel'khoz. inst. 14 57-57 '65.

Effect of the temperature factor on the change of brei quality during storage. M. Z. Khilumshin, N. T. Pechenok, M. L. Pol'tan. Trudy TSINS no. 11 11-11 '63.

50 years of grain production. Muk. elev. prom. 33 no. 11 1-2 N '67.

Growth stimulators with pantothenic activity from beets and corn. N. D. Smirnovskii. Nauch. dokl. vys. shkoly biol. nauki 10 no. 12 103-108 '67.

Heterosis in tea cultivation. K. E. Bakhtadze. Genetika no. 11 36-39 N '67.

Intensification of production on state grain farms located in the regions of insufficient humidification. E. I. A. Udoenko. Dokl. i soob. VNIISKH no. 31 58-72 '66.

Mixed crops. B. S. Vekshin. Shkola i proizv. 10 no. 8 30-31 '66.

Morozov, V. K. [Sunflower in an arid zone] Podsolnechnik v zasushil'voi zone. Saratov, Privolzh. kn. izd., 1967. 182 p.

New payment conditions for the most valuable wheat varieties. Muk. elev. prom. 33 no. 10 1-2 O '67.

Response of various morphophysiological types of spring wheat to pre-sowing treatment of seeds with nicotinic acid. R. F. Mal'kov. Nauch. dokl. vys. shkoly biol. nauki 10 no. 12 91-98 '67.

Rozenblum, L. M., A. A. Vakhrameev, and B. D. Iozel'tovich. [Three-stage treatment of cotton plants with the vertical-splindle harvesting machine] Trekhstadiynaya obrabotka kustov khlopkovnika vertikal'no-shpindel'nym apparatom. Tashkent, "Fan," 1967. 63 p.

Spectral properties of soft wheat ears. T. I. A. Sumanov, S. A. Stan'ko, N. I. Kozelkova. Nauch. dokl. vys. shkoly biol. nauki 10 no. 12 99-102 '67.

State control over the quality of grain and grain products. V. Ivanov, P. Avdiuk. Muk. elev. prom. 33 no. 11 1-15 N '67.

State procurement of the strong and hard varieties of wheat in 1966. P. Sudnov. Zakup. sel'khoz. prod. no. 1 18-20 Ja '67.

Technological quality of single-seed sugar beet in comparison with a multi-seed beet. I. F. Buzanov and others. Trudy TSINS no. 11 3-10 '63.

[Use of biological nitrogen of leguminous grasses on cultivated pastures] Ispol'zovanie biologicheskogo azota bobovykh trav na kul'turnykh pastbishchakh. Moskva, 1967. 63 p. (Vsesoiuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 3(97)). (DNAL)

Winners in the All-Union socialist competition. Zakup. sel'khoz. prod. no. 1 7-9 Ja '67.

633(471 310)—Moscow City

Path of grain toward a loaf of bread. S. Bykov. Zakup. sel'khoz. prod. no. 1 36-38 Ja '67.

633(471 41)—Tatar A S S R.

Post harvesting ripening of millet. E. Rasulov. Zakup. sel'khoz. prod. no. 1 60-61 Ja '67.

633(471 54)—Sverdlovsk Province

Effect of manganese and cobalt on sugar beets in various soils of Sverdlovsk Province. Trudy Sverd. sel'khoz. inst. 11 51-52 '65.

Effect of the intensification on the development of the production of vegetables and potatoes on state farms in Sverdlovsk Province. M. P. Dormidontov. Trudy Sverd. sel'khoz. inst. 14 10-14 '65.

Use of molybdenum and cobalt salts for foliar feeding of clover in some forest steppe soils in Sverdlovsk Province. M. G. Oborina. Trudy Sverd. sel'khoz. inst. 11 48-50 '65.

633(471 56)—Orenburg Province

Intensification level on state grain farms in Orenburg Province. Z. I. Labzina. Dokl. i soob. VNIISKH no. 31 73-80 '66.

633(471 61)—Rostov Province

Increase the production of the strong varieties of wheat. A. Ivanov. Zakup. sel'khoz. prod. no. 1 28-30 Ja '67.

633(471 62)—Krasnodar Territory

The Kuban strong variety of wheat. P. Sudnov, M. Riazantseva, N. Kononov. Zakup. sel'khoz. prod. no. 10 36-37 O '67.

Vital epiphytology of grain crops in Krasnodar Territory. G. M. Razvazkina, I. U. V. Belianchikova, E. A. Pridantseva. Nauch. dokl. vys. shkoly biol. nauki 10 no. 12 118-122 '67.

633(471 65)—North Ossetian A S S R.

Ways of increasing the production of grain in the North Ossetian A S S R. K. D. Balaonov. Dokl. i soob. VNIISKH no. 32 139-146 '66.

633(476)—White Russian S S R

Effect of growth stimulators of petroleum and peat oil on yield and nutrient content in sugar beets. V. S. Zhulina. Bot. inst. Bel. old VBO no. 9 59-67 '67.

633(478)—Moldavian S S R

Economic efficiency of tobacco production in Moldavia. A. P. Ilaev, P. I. Kobyl'nik. Dokl. i soob. VNIISKH no. 32 134-138 '66.

On the quality of the Moldavian tobacco. E. Nikolaeva, Zakup. sel'khoz. prod. no. 1 34-35 Ja '67.

633(479 22)—Georgian S S R

More exact definition of effective agrotechnical and chemical control against main corn pests in Georgia. I. U. Tvaladze, N. I. Parulava. Trudy Inst. zashch. rast. AN Gruz. SSR 10 17-29 '66.

633(479 24)—Azerbaijan S S R

Comparative characteristics of the established production subtypes of cotton-growing collective farms in the Azerbaijan S S R. R. I. Mamedov. Dokl. i soob. VNIISKH no. 31 148-157 '66.

Oxidative capacity of tea leaf of new tea varieties of Azerbaijan. M. A. Bokushava, E. P. Nasacheva. Dokl. AN Azerb. SSR 23 no. 8 65-67 '67.

Volatile molybdenum content in main soil types of Zakataly District of the Azerbaijan S S R, and its effect on corn. N. A. Ignaev. Dokl. AN Azerb. SSR 23 no. 7 61-68 '67.

633(497 2)—Bulgaria

Bulgarian corn in the collection of the All-Union Institute of Plant Breeding. T. A. Ilichuk. Biul. VIR no. 8 59-62 '60.

Local rye varieties of Bulgaria. V. P. Antropova. Biul. VIR no. 8 52-58 '60.

633(571 15)—Altai Territory

Wild rice (*Lizania aquatica* L.) in the Altai Territory. I. G. Kapina. Biul. Glav. bot. sada no. 66 99-102 '67.

633(574)—Kazakh S S R

Physiological processes and productivity of spring wheat cultivated at various altitudes. L. I. Belosludova and others. Trudy Bot. inst. Sci. 4 no. 19 63-80 '67.

633(575 1)—Uzbek S S R.

Efficiency of capital investments in the irrigation farming of cotton growing enterprises. G. F. Raskin. Dokl. i soob. VNIISKH no. 30 15-32 '66.

Ibragimov, A. I. [Progressive forms of labor organization and business accounting within individual production units employed in cotton growing] Progressivnye formy organizatsii truda i vnutrikhoziaistvennyi raschet v khlopkovodstve. Tashkent, "Fan," 1967. 76 p.

633(575 172)—Kara-Kalpak A S S R.

Accounting for production costs in cotton growing brigades. R. Radzhapov. Dokl. i soob. VNIISKH no. 32 95-100 '66.

633(71)—Canada

Grain crop varieties of Canada. T. N. Shevchuk. Biul. VIR no. 8 42-51 '60.

List of field crop varieties collected in Canada by Dr. T. N. Shevchuk and Dr. P. A. Lubenets. Biul. VIR no. 8 66-74 '60.

633 2 FORAGE GRASSES AND GRASSLAND

Condition and potentialities of feed production. A. Zalevskii. Ekon. sel'khoz. 43 no. 12 61-68 '67.

Genus *Trifolium* L. E. G. Bobrov. Bot. zhur. 52 no. 11 1593-1599 N '67.

Optimal planning for feed production. I. G. Sizikova. Dokl. i soob. VNIISKH no. 31 140-147 '66.

Symposium on the Cultivation of New Silage Crops held in Kiev. S. S. Kharkovich, V. S. Sokolov. Vest. AN SSSR 37 no. 12 95-109 '67.

Tsitsenkin, L. A. [Ecological scales of pasture vegetation and hay crops in mountain and plain regions of Middle Asia, the Altai and Urals] Ekologicheskie shkaly dlya rastenii pastbishch i senokosov gornykh i ravninykh rayonov Srednei Azii, Altai i Urals. Pod red. G. T. Sidorenko, Dushanbe, "Donish," 1967. 224 p.

633 2(438)—Poland

[Breeding and seed production of perennial grasses in the Polish People's Republic] Selekcja i semenownictwo mogoletnikow trav w Pol'skiej Narodnej Republiki. Moskva, 1967. 44 p. (Vsesoiuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 4(101)) (DNAL)

- 633 2(471 22)—Karelian A.S.S.R.
Use of chemicals in silencing new foliage plants. A. A. Egorova. Uch. zap. Kaz. ped. inst. 10 107-112 '66.
- 633 2(471 31)—Moscow Province
In step with time. G. Shako. Zakup sel'khoz. prod. no. 10 15-48 '67.
- 633 2(471 54)—Sverdlovsk Province
Organization of the pasture fattening of young Tagai cattle. P. Potoshin, L. K. Alekhan. Trudy Sverd. sel'khoz. inst. 14 167-169 '65.
- 633 2(476)—White Russian S.S.R.
Experimental cultivation of perennial ensilage plants in peat-bog soil. V. P. Trubis. Bot. issl. Bel. old. VBO no. 9 74-77 '67.
- 634 0 **FORESTRY**
[Articles on lumber floating; on the 50th anniversary of Soviet regime] Sbornik trudov po lesosplavu, k 50-letiiu Sovetskoi vlasti. Moskva, "Lesnaya prom-st'" 1967. 275 p.
Bannikova, I. A. [Effect of tree and shrub plants on the development of the lower floors of forest biocenosis] Vliyanie drevyesnoi i kustarnikovoï rastitel'nosti na razvitiye nizhnikh yarusov lesnykh biogeotsenozov. Moskva, "Nauka," 1967. 101 p.
Forests and their exploitation. I. P. Antonov. Shkola i prosv. 10 no. 8 77-85 Ag '66.
I am going to a fire! O. I. Iarova. Grazhd. av. 24 no. 11-26 N '67.
[Lumberman's handbook] Spravochnik lesozagotovitelja. Syktyvkar, Komikn. izd., 1966. 471 p.
One of the assisting groups. N. Khalezova. Sel' stroi 18 no. 12 6 D '63.
Precision in determining relative growth rate in trees and stands. V. P. Romashovskii. Bot. issl. Bel. old. VBO no. 9 188-193 '67.
Protecting our forests. S. G. Ustinov. Shkola i prosv. 10 no. 8 80 Ag '66.
- 634 0(471 22)—Karelian A.S.S.R.
Afforestation on clear-cuttings of northern Karelia as related to landform characteristics. V. S. Voznesova, M. I. Ramanenka, N. I. Ronkonen. Uch. zap. Kaz. ped. inst. 10 3-8 '66.
- 634 0(476)—White Russian S.S.R.
Forest growing properties of soils in pine and oak forests of the Byalovezhskia Pushcha. A. P. Utenkova. Bot. issl. Bel. old. VBO no. 9 198-206 '67.
- 634 1 **FRUIT GROWING**
Gar, K. A. [New chemical substances for the protection of the garden] Novye khimicheskie sredstva zashchity sada. Moskva, Rossel'khozizdat, 1967. 138 p.
Nature of the inferior ovary in Grossulariaceae. G. A. Komai. Bot. zhur. 52 no. 12 1021-1029 N '67.
- 634 1(471 2)—Northwestern R.S.F.S.R.
Study of black currant (*Ribes nigrum* L.) varieties and forms of different ecologic and geographical origin of the Kola Peninsula. V. L. Vitkovskii. Biol. VIR no. 8 10-18 '60.
- 634 1(471 22)—Karelian A.S.S.R.
Comparative winter hardiness of fruiting bodies in apple tree varieties of different origins. I. V. Il'ina, I. M. Pelgonen. Uch. zap. Kaz. ped. inst. 10 24-28 '66.
- 634 1(471 23)—Leningrad Province
Seasonal dynamics of the content of pigments and their biosynthesis in the leaves of black currants. V. S. Saakov, I. N. Kononov, A. S. Saidov. Trudy Bot. inst. Ser. 4 no. 19, 81-92 '67.
- 634 1(471 61)—Rostov Province
Distribution of fruit tree roots in light soils of the lower Don Valley. A. G. Gaoi, I. M. Vayshchenko. Nauch. dokl. vys. shkoly biol. nauki 10 no. 12 123-130 '67.
- 634 1(478)—Moldavian S.S.R.
Tymchishin, V. V. [The sun pours down] Solnechnyi naliv [Kishinev, Karlia Moldovenaske, 1967]. 69 p.
- 635 **HORTICULTURE. GARDENS AND GARDENING**
Ratio among nutrients for tomatoes in outdoor growing. L. N. Gorokhova. Trudy Sverd. sel'khoz. inst. 14 58-59 '65.
Use of growth promoting substance of petroleum origin as a fruiting stimulator in woody plants. L. V. Kiavchenko. Bot. issl. Bel. old. VBO no. 9 150-156 '67.
- 635.1 **VEGETABLE GARDENING AND VEGETABLES**
Composition of liquid plant food for the growing of vegetables without soil. A. A. Dorokhov. Shkola i prosv. 11 no. 8 67-69 '67.
- Mineral composition of nutrient mixture for peat pots. L. N. Gorokhova. Trudy Sverd. sel'khoz. inst. 14 60-62 '65.
Order of sequence in selecting certain parameters of railroad polygons. R. V. Zaitseva, A. O. Tilmann, B. V. Iakovlev. Trudy DIT no. 70 31-39 '66.
There is a need for a uniform system. I. V. Zhukov. Zakup sel'khoz. prod. no. 12 1-27 Ja '67.
Tomatoes. M. Marshak. Zakup sel'khoz. prod. no. 10 36-57 O '67.
- 635 1(471 54)—Sverdlovsk Province
Effect of the intensification on the development of the production of vegetables and potatoes on state farms in Sverdlovsk Province. M. P. Doronin, Trudy Sverd. sel'khoz. inst. 14 10-11 '65.
- 635 1(571 63)—Maritime Territory
"Onion trouble." B. Elamont. Zakup sel'khoz. prod. no. 1 46 Ja '67.
- 635 6 **EDIBLE FRUIT AND SEED PLANTS**
All-Union conference on the improvement of the quality of vegetable and melon culture. I. I. Varentsov. Kons. lov. prom. 22 no. 11 45-46 N '67.
Effect of minerals on the intensity of photosynthesis in eggplants. M. G. Butalyov, S. A. Rakhmanov, D. A. Il'ic. Dokl. AN Azerb. SSR 23 no. 7 72-75 '67.
Increase in cucumber yield by acetylene fumigation of its seedlings in hotbeds and hothouses. T. T. Meshcherev. Bul. VIR no. 8 39-41 '66.
- 635 6(471 61)—Rostov Province
Efforts in developing rich tomato crops. I. S. Tatarsov. Kons. lov. prom. 22 no. 11 40-12 N '67.
- 635 6(476)—White Russian S.S.R.
Effect of additional artificial illumination of watermelon and melon seedlings. O. D. Shubina and others. Bot. issl. Bel. old. VBO no. 9 19-21 '67.
Effect of bacterial fertilizers on fodder beans cultivated in lowland peat bogs. I. M. Kushnir. Bot. issl. Bel. old. VBO no. 9 67-74 '67.
- 635 6(479 22)—Georgian S.S.R.
Tetranychus telarius L. as tomato pest in Georgia and its control measures. T. M. Chavchavadze, L. I. Khushivadze. Trudy Inst. zashch. rast. AN Gruz. SSR 18 11-57 '66.
- 635 6(479 223)—Adzhar A.S.S.R.
Study of the injuriousness of the citrus white fly (*Dialeurodes citri* Ril et How.) in Adzharistan. N. K. Gavrindashvili. Trudy Inst. zashch. rast. AN Gruz. SSR 18 71-82 '66.
- 635 6(575.1)—Uzbek S.S.R.
Nutritional value of fruit grown in Uzbekistan. Z. V. Korabkina. Vop. pit. 26 no. 4 81-84 Ji-Ag '67.
- 635 9 **ORNAMENTAL HORTICULTURE. FLOWERS SHRUBS**
635 9(471 5)—Ural regions
Materials for studying the biology of syrphus flies damaging Liliaceae and Iridaceae in the Central Urals. N. S. Turaev, A. G. Gudimova. Trudy Sverd. sel'khoz. inst. 14 100-105 '65.
- 635 9(471 54)—Sverdlovsk Province
Use of the salts of 8-hydroxyquinoline and some other chemical compounds in controlling the fusarium wilt of bulb and tuber crops. E. P. Shumilenko. Trudy Sverd. sel'khoz. inst. 14 79-83 '65.
- 635 9(476)—White Russian S.S.R.
Rare potentials, good for landscape gardening in White Russia. A. S. Merlo. Bot. issl. Bel. old. VBO no. 9 117-121 '67.
- 636 **DOMESTIC ANIMALS**
Comparison of immunological methods of diagnosing larval echinococcosis in farm animals. V. G. Evranova. Trudy VIGIS 12:256-268 '66.
Domestic animals are our friends. E. Kuz'mina, Doshik. vosp. 40 no. 7 84-85 '67.
Feeding meat from pine needles to dairy cattle. A. A. Saltykov, L. K. Khakimov. Trudy Sverd. sel'khoz. inst. 14 170-171 '65.
Improving the preparation of agar-aluminous vaccines against paratyphoid fever in calves and young pigs. G. V. Zhukov, I. I. Kraeva. Trudy Sverd. sel'khoz. inst. 14 209-210 '65.
Observations on animals. N. Konovalova, L. Reshetnikova, N. Bender. Doshik. vosp. 40 no. 7 86-88 '67.
Protein content of chick rations. S. N. Ufimtsev. Trudy Sverd. sel'khoz. inst. 14 182-184 '65.
Studying paratyphoid bacterial carrier state in rabbits. I. A. Chindaskin. Trudy Sverd. sel'khoz. inst. 14 215 '65.
- Use of organophosphorus compounds in domestic animal helminthiasis control. D. I. Panastuk, L. A. Bratskaya. Trudy VIGIS 12:127-132 '66.
- 636 08 **STOCK MANAGEMENT BREEDING CATTLE**
The combined feed industry of the U.S.S.R. A. Bar. Muk. sel'v. prom. 33 no. 11 18-19 N '67.
Economic evaluation of the intensity level on state breeding farms in Moscow, Smolensk, and Tula Provinces. B. Z. Synzynov, N. S. Sergeeva, N. G. Larin. Dokl. AN Azerb. SSR no. 31 81-97 '66.
Effect of physiologically active substances on the productivity of dairy cows. M. I. Gorlov and others. Izv. V. K. SSR, Ser. khim. 17 no. 1 87-91 '67.
[Fodder yeast, a review of Soviet literature] Korn. di ozhl. obzor otechestvennoi literatury. Moskva, 1966. 95 p. (Vsesoyuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 7(62)).
(DONAL)
Give daily attention to the maintenance of stock price. S. Kaluzhnyi. Sel' stroi 18 no. 2 22 F '64.
Let us make a worthy contribution to agriculture. Sel' stroi 18 no. 3 1-2 Mi '64.
Mechanized feed plant for a swine fattening house. S. Voinov. Sel' stroi 18 no. 2 18 F '64.
Our collective farm builders have kept their promise. V. Vasil'ev. Sel' stroi 18 no. 2 15-15 F '64.
Pis'menov, V. N. [Mechanization of the removal of cattle from livestock farms] Mekhanizatsiya uborki naryada na zhivotnovodcheskikh farmakh. Moskva, Rossel'khozizdat, 1967. 104 p.
Study of keratin fractions in the sheep wool. I. A. Makar, S. Z. Il'yitskiy, V. V. Iobur. Rep. AN URSS Ser. B 29 no. 10 947-950 O '67.
These mistakes must be eliminated. I. Lizarev, I. A. Sungatullin. Sel' stroi 18 no. 12 14-15 D '62.
- 636.08(471 325)—Belgorod Province
Potentialities of increasing production and reducing costs of milk and meat on the collective farms of Belgorod Province. N. T. Tikhin, A. G. Zeldner. Dokl. AN Azerb. SSR no. 30 149-157 '66.
- 636.08(471 67)—Dagestan A.S.S.R.
Some problems of developing and distributing the livestock farming in Dagestan. S. M. Gamzatova. Probl. razv. ekon. Dag. no. 4 63-69 '66.
- 636.08(574)—Kazakh S.S.R.
Cow barns are becoming completely prefabricated. V. Chemov. Sel' stroi 18 no. 2 21-22 F '61.
- 636 2 **CATTLE**
Dynamics of the concentration of sugar hemoglobin, quantity of erythrocytes and leucocytes in the blood of cows with the anony and hypotony of the rumen. L. K. Emel'yanov. Trudy Sverd. sel'khoz. inst. 14 145-147 '65.
Effect of deworming by carbon tetrachloride and hexachloroethane on milk productivity of dairy cattle. T. P. Veselova and others. Trudy VIGIS 12:114-116 '65.
Effect of nutrition conditions on the carbohydrate and fat metabolism and productivity in cows. A. M. Emel'yanov, G. I. A. Gudi, M. A. Smirnova. Trudy Sverd. sel'khoz. inst. 14 148-150 '65.
Effect of aprotel feeding on the reproductive capacity of bulls. O. B. Safonov. Trudy Sverd. sel'khoz. inst. 14 190 '65.
Effect of the enrichment of rations with iodine on the blood and milk in cows. M. Z. Vylgryannin. Trudy Sverd. sel'khoz. inst. 14 151-152 '65.
Effect of the external environment on the lactation in cows. L. T. Liubimov. Trudy Sverd. sel'khoz. inst. 14 154-166 '65.
Etiology of the abortion in cattle. G. V. Zhukov, G. N. Zubanova, L. N. Zhukova. Trudy Sverd. sel'khoz. inst. 14 205-206 '65.
Feeding meat from pine needles to dairy cattle. A. A. Saltykov, L. K. Khakimov. Trudy Sverd. sel'khoz. inst. 14 170-171 '65.
Frequency of detecting cysticercosis in cattle in central provinces of the R.S.F.S.R. A. S. Maglov and others. Med. paraz. i paraz. bol. 36 no. 6 749 N-D '67.
Innervation of the portal vein in cattle. T. N. Akhangel'skaya. Trudy Sverd. sel'khoz. inst. 14 160-162 '65.
Interrelation between the branching type of milk canals and the systems originated in them by pathological changes. Z. P. Andreeva. Trudy Sverd. sel'khoz. inst. 14 165-167 '65.
Methodology of the roentgenography of the mammary gland in cattle. I. S. Taskina. Trudy Sverd. sel'khoz. inst. 14 168-169 '65.
Morphology of cow ovaries during pregnancy and postpartum period. S. P. Petrov. Trudy Sverd. sel'khoz. inst. 14 191-192 '65.
Reproduction of experimental listeriosis in cattle. M. A. Gantev, M. I. Gasanov. Dokl. AN Azerb. SSR 23 no. 6 68-71 '67.
Sensitivity of staphylococci isolated from cows with mastitis to antibiotics. V. I. Potolagin. Trudy Sverd. sel'khoz. inst. 14 226 '65.

636.2 (Continued)

- Structure of formation of the walls of the test canal in cows. Z. P. Andriyeva. Trudy Sverd. sel'khoz. inst. 14 153-164 '66.
- Fighting brucellosis in cows using formaldehyde-filled vaccine and streptomycin. N. P. Lazarev. Trudy Sverd. sel'khoz. inst. 11 228 '65.
- Use of ring test and allergen for the diagnosis of paratyphoid fever in calves. M. V. Moroz, G. V. Zhukov. Trudy Sverd. sel'khoz. inst. 11 211-211 '65.
- Ways for increasing the effectiveness of the artificial vaccination of cows. R. F. Venkerbits, E. A. Malishevskii. Trudy Sverd. sel'khoz. inst. 14 188-189 '65.

636.2(471.54)—Sverdlovsk Province

- Organization of the pasture fattening of young Tagil cattle. V. P. Poroshin, I. K. Alekhan, Trudy Sverd. sel'khoz. inst. 11 167-169 '65.

636.3 SHEEP, GOATS

- Butyric acid metabolism in the wall of the digestive canal in sheep. A. M. Emel'yanov. Trudy Sverd. sel'khoz. inst. 11 121-123 '65.
- Duration of coccidian invasion in sheep. S. K. Svanbaev. Trudy Inst. zool. AN Kazakh SSR. 28 77-11 '67.
- Effect of low-molecular fatty acids on the reserve alkalinity of the blood in sheep. A. I. Lubim, A. M. Emel'yanov. Trudy Sverd. sel'khoz. inst. 11 111 '65.
- Effect of thyroxine and 6-methylthiouracil on the concentration of volatile fatty acids in the rumen contents of sheep. V. K. Nikodimov. Trudy Sverd. sel'khoz. inst. 11 119-110 '65.

- Effectiveness of piperazine difluorcarbamate acid in Dietycaulus, Haemonchus and Trichocephalus invasion of sheep. D. I. Panasiuk, L. A. Ermakov, P. S. Ugumov. Trudy VIGIS 12 132-134 '66.
- Electrophoretic fractions of sheep blood serum following different methods of immunization against Trichocephalus. A. S. Besonov, M. I. Paragilina. Trudy VIGIS 12 212-213 '66.

- Exchange of nitrogen substances between the blood and the digestive canal in sheep when carbamide is included in rations. I. U. F. Kondrat'ev. Trudy Sverd. sel'khoz. inst. 11 137-115 '65.

- Glycogen in the placenta, trunk muscles and liver of Karakul sheep fetuses. T. U. Kasanally. Dokl. AN SSSR 177 no. 2 187-185 '67.

- Helminth fauna of Romanov sheep in Alapsrsk District of Sverdlovsk Province. V. P. Iakovlev. Trudy Sverd. sel'khoz. inst. 11 233 '65.

- Histostructure of the skin and the physical and mechanical characteristics of the sheepskin of the Romanov sheep of Ural inbred type. G. I. Selianin. Trudy Sverd. sel'khoz. inst. 14 176-178 '65.

- Iodine metabolism in renal organs and the thyroid gland in sheep with hyper- and hypothyroidism. V. K. Nikodimov. Trudy Sverd. sel'khoz. inst. 14 111-113 '65.

- Materials for studying the blood of Romanov sheep. G. I. Selianin, I. A. Nosylova. Trudy Sverd. sel'khoz. inst. 11 170-181 '65.

- Metabolism of carbohydrate components and low-molecular fatty acids in the cranial organs of sheep with hyper- and hypothyroidism. V. K. Nikodimov. Trudy Sverd. sel'khoz. inst. 14 136-138 '65.

- Metabolism of sugar, volatile fatty acids, and acetone bodies in the liver of sheep under the effect of adrenalin and insulin injections. P. M. Shidlov. Trudy Sverd. sel'khoz. inst. 14 130-132 '65.

- Pathogenicity of various coccidian species in sheep. S. K. Svanbaev. Trudy Inst. zool. AN Kazakh SSR. 28 77-61 '67.

- Searching for intermediate hosts of avitellinosis and thyasidiosis agents in sheep. M. I. Kuznetsov. Trudy VIGIS 12 25-37 '66.

- Study of the anthelmintic effect of "promintic," "mintic" and piperazine sulfate on sheep trichostrongylosis. V. N. Ozerkova, I. I. Zinchenko, V. S. Pashukhin. Trudy VIGIS 12 117-127 '65.

636.3(471.54)—Sverdlovsk Province

- Physiology of lung diseases in sheep in Sverdlovsk Province. V. P. Gromov and others. Trudy Sverd. sel'khoz. inst. 14 231-232 '65.
- Some characteristics of the biology of the reproduction of Romanov sheep. G. I. Selianin. Trudy Sverd. sel'khoz. inst. 14 172-175 '65.

636.3(471.67)—Daghestan A. S. S. R.

- Give more attention to the wages for collective farm sheep growers. M. Kh. Kebedov. Prohl. raz. ekon. Dag. no. 1 23-27 '66.

636.3(575.1)—Uzbek S.S.R.

- Costs and profitability of production on state karakul sheep raising farms of the Uzbek S. S. R. S. A. Kryukhod-zhaev. Dokl. i soob. VNIESKH no. 30, 110-120 '66.

636.4 SWINE, PIGS

- Clinic observations on trichinelliasis in swine. A. S. Besonov. Trudy VIGIS 12 75-82 '66.
- Effect of light on the growth of bones in young pigs. A. T. Shurmukhin, N. I. Leshukova, A. A. Proektor. Trudy Sverd. sel'khoz. inst. 14 186-187 '65.

- Exercise and reproductive capacity of boars. V. D. Chernykh. Trudy Sverd. sel'khoz. inst. 11 193-191 '65.

- Immunomorphological reaction in Metastrobilus infection of swine. V. A. Naumov, V. I. Titunov. Trudy VIGIS 12: 205-211 '66.

- Materials on the innervation of the portal vein in swine. T. N. Arkhangelskaya. Trudy Sverd. sel'khoz. inst. 14 163 '65.

- New method of diagnosing trichoccephalosis in swine. A. Medvedevskii. Trudy VIGIS 12 215-256 '66.

- Popekhina, P. S. [Swine feeding] Kormlenie svinei. Moskva, "Kolos," 1967. 208 p.

- Therapy of swine with trichoccephalosis. I. I. Vasil'ev, I. B. Kiaturov, Zh. A. Svobodina. Trudy Sverd. sel'khoz. inst. 14 234-236 '65.

- Toxic and allergic phenomena in ascariasis of piglets. V. S. Ershov, M. I. Naumychova. Trudy VIGIS 12 175-196 '66.

- Trichinella invasion rate in swine determined on a muscle sample. V. A. Bittov. Trudy VIGIS 12 83-86 '66.

- Use of some immunobiological reactions in discovering echinococcosis in swine. F. Danilevich. Trudy VIGIS 12 243-244 '66.

- [Virus pneumonia in swine; a review of foreign literature] Virusnaya pneumoniya svinei, obzor inostrannoi literatury. Moskva, 1966. 41 p. (Vsesoiuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 15(67)) (DNAL)

636.4(471.325)—Belgorod Province

- Specialized state farms are the suppliers of cheap pork. I. A. Konstantinov. Zakup. sel'khoz. prod. no. 1 39-11 Ja '67.

636.4(471.6)—Northern Caucasus

- Intensification is a means for developing state swine farms of the Northern Caucasus. V. P. Butimchenko. Dokl. i soob. VNIESKH no. 31 98-103 '66.

636.5 POULTRY

- Changes in the testicles of roosters during the period of seasonal sexual depression. E. A. Malishevskii. Trudy Sverd. sel'khoz. inst. 11 198-200 '65.

- Effectiveness of the use of the dry yolk of cythionin in poultry raising. V. I. Potinagin. Trudy Sverd. sel'khoz. inst. 14 185 '65.

- Isolating the strain of paratyphoid cultures from ducks with acute pasteurellosis. I. A. Chindianskii. Trudy Sverd. sel'khoz. inst. 14 210-220 '65.

- Methodology for evaluation of the quality of rooster semen. E. A. Malishevskii. Trudy Sverd. sel'khoz. inst. 14 201-202 '65.

- Morphological structure of the epididymis of the testicles in roosters. I. A. Malishevskii. Trudy Sverd. sel'khoz. inst. 11 195-197 '65.

- Protein content of chick rations. S. N. Ufimov. Trudy Sverd. sel'khoz. inst. 11 182-184 '65.

- Studying the transmission of salmonellosis agents by means of duck eggs. I. A. Chindianskii. Trudy Sverd. sel'khoz. inst. 14 227-228 '65.

- Testing the blood drop agglutination reaction for the diagnosis of tuberculous in chickens. G. V. Zhukov and others. Trudy Sverd. sel'khoz. inst. 11 223-225 '65.

- Use of stained antigen for determining the paratyphoid bacterial carrier state in ducks. I. A. Chindianskii. Trudy Sverd. sel'khoz. inst. 14 216-218 '65.

636.5(471.56)—Orenburg Province

- Domestic duck helminthiasis in Orenburg Province. V. M. Sovetnikov. Trudy VIGIS 12 20-24 '66.

636.63 ANIMALS BRED FOR FUR

636.63(571.55)—Chita Province

- Muskrat breeding in the northern areas of Chita Province. M. P. Tarasov. Izv. Zabaik. otd. Geog. ob-va SSSR. 1 no. 2 34-40 '65.

636.63(574)—Kazakh S.S.R.

- Neglected construction of a fur farm. R. Shagirov. Zakup. sel'khoz. prod. no. 1 44-45 Ja '67.

637 DAIRY AND OTHER ANIMAL PRODUCE

- Histostructure of the skin and the physical and mechanical characteristics of the sheepskin of the Romanov sheep of Ural inbred type. G. I. Selianin. Trudy Sverd. sel'khoz. inst. 14 176-178 '65.

- Meat and dairy industry on the 50th anniversary of the Great October Socialist Revolution. S. F. Antonov. Khol. tekhn. 44 no. 11-1-6 N '67.

- Method for analyzing the influence of the quality of wool on state farm profit. N. S. Abdrakhmanov. Dokl. i soob. VNIESKH no. 32 111-118 '66.

- The offals. M. Marshak. Zakup. sel'khoz. prod. no. 1 63-65 Ja '67.

- Planning the distribution of cold storage warehouses, ice cream factories, and carbonic acid producing enterprises. M. N. Merteshev. Khol. tekhn. 44 no. 11 21-25 N '67.

- Znamenskii, N. N. [Polymer materials in the dairy industry] Polimernye materialy v molochnoi promyshlennosti. Izd. 2-e, ispr. i dop. Moskva, "Pishchevaia prom-st," 1967. 246 p.

637(471.310)—Moscow City

- Continuous assembly line. S. Perchakin. Zakup. sel'khoz. prod. no. 10 12-14 O '67.

637(471.325)—Belgorod Province

- Potentialities of increasing production and reducing costs of milk and meat on the collective farms of Belgorod Province. N. T. Triapkin, A. G. Zakhmur. Dokl. i soob. VNIESKH no. 30, 119-157 '66.

637(471.341)—Gorkiy Province

- Concentrating the production of milk on state cattle breeding farms. L. A. Demin. Dokl. i soob. VNIESKH no. 32 117-154 '66.

637(471.43)—Kuybyshev Province

- In safe hands. R. Volodina. Zakup. sel'khoz. prod. no. 1 50-53 Ja '67.

637(476)—White Russian S. S. R.

- Production and sale of livestock products. V. Lobanov. Zakup. sel'khoz. prod. no. 1 10-13 Ja '67.

637(477)—Ukrainian S. S. R.

- Industrial aesthetics in the enterprises of the dairy industry. V. I. Butnikova. Khim. prom. no. 5 63-64 O '67.

- Recent developments in the technique and technology of the enterprises of the country's meat and dairy industry. K. P. Syarko. Khar. prom. no. 5 54 O '67.

- "Story about the cheap milk." K. Vinnik. Zakup. sel'khoz. prod. no. 1 62-63 Ja '67.
- Zapozna'ya. Processed Cheese Factory is an enterprise of communal labor. S. II Kostomarov. Khar. prom. no. 5 55-56 O '67.

638 INSECT AND REPTILE MANAGEMENT, BREEDING, INDUSTRIES, ETC.

- [Sexual sterilization as a method of controlling injurious insects] Polovaya sterilizatsiia kak metod boi'bya v vedyonnykh nasekomykh. Moskva, 1966. 180 p. (Vsesoiuznyi institut nauchno-tekhnicheskoi informatsii po sel'skomu khoziaistvu. Obzor literatury, no. 8(30)) (DNAL)

638(479.224)—Abkhaz A. S. S. R.

- Materials on the possibility of the lac insect cultivation under natural conditions of Abkhazia. O. P. Dgebuadze. Trudy Inst. zashch. rast. AN Gruz. SSR. 18 167-170 '66.

638.1 BEEKEEPING

- Productivity of bee colonies with two queens isolated at various dates. A. D. Antosenko. Trudy Sverd. sel'khoz. inst. 14 115-116 '65.

638.2 SILKWORM CULTIVATION

- Effect of mulberry leaf treatment with new fungicides on silkworm caterpillars. T. T. Ovanessian, N. N. Chanturia. Trudy Inst. zashch. rast. AN Gruz. SSR. 18 331-337 '66.

- Synthesis and decomposition of amino acids in the organism of silkworm during spinning of cocoon and metamorphosis. I. U. B. Filippovich, V. G. Bungova. Uch. zap. Kar. ped. inst. 10 113-120 '66.

639 GAME AND FISH MANAGEMENT, MARINE HUSBANDRY

639(282.25)—Asian Rivers

- Commercial cultivation of water fleas. M. K. Askarov. Trudy Azicb. otd. TSMORII. 6 80-86 '67.

639.1 HUNTING

- Kuznetsov, B. A. [Biotechnological practices in hunting] Biotehnicheskie meropriyatiia v okhotnich'em khoziaistve. Moskva, "Ekonomika," 1967. 237 p.

639.2 FISHERIES

- Averkiev, V. P. [Hydroacoustic fish scouting and navigation equipment] Gidronavicheskoe rybopostovoye i navigatsionnye pribory. Leningrad, "Sudostroenie," 1967. 217 p.

- Best drive for trawl windlass on "Tropik" type trawlers. V. I. Vasil'ev. Ryb. khoz. 41 no. 1 45-47 '66.

- Biological foundations of the optimal catch coefficient and permissible margin of catching young valuable fish. P. V. Tiurin. Trudy VNIRO. 62 33-50 '67.

- Businesslike training of engineering personnel for the fishing industry. A. L. Meerov. Ryb. khoz. 44 no. 1 86-87 '68.

- Calculation of diesel cooling systems on refrigerator trawlers. G. S. Rozhanskii, P. E. Nechaev. Ryb. khoz. 44 no. 1 31-33 '68.

- Changes of properties in defrosted fish during storage. V. P. Bykov. Ryb. khoz. 41 no. 1 66-67 '68.

- 639 2 (262 9)—Aral Sea
Methods of compiling forecasts for catching main commercial fishes (bream, carp, perch) in the Aral Sea. A.V. Volodkin. Trudy VNIRO 62 231-234 '67.
Species and yield of young fish in the Aral Sea. F.L. Markova. Trudy VNIRO 62 235-212 '67.
- 639 2 (268)—Arctic Ocean
Methods of long-term forecasting of catches in the Barents Sea. K.G. Konstantinov. Trudy VNIRO 62 59-70 '67.
Utilization of water temperature for short and long-term trawling forecasting in the Barents Sea. K.G. Konstantinov. Trudy MMBI no 15 54-58 '67.
- 639 2 (282 24)—European rivers
Tagging sturgeons in the Volga River in 1958-1962. A.V. Pavlov. Trudy Azerb. old TSNORKH 6 38-43 '67.
- 639 2 (471 2)—Northwestern R.S.F.S.R.
Effect of climatic conditions on periodic fluctuations in commercial fish resources in Lakes Ladoga, Ilmen', Peipus-Peipus and Belov. P.V. Tulin. Trudy VNIRO 62 268-310 '67.
- 639 2 (471.67)—Dagestan A.S.S.R.
Developing pond fish farming is an important potentiality for increasing the income of the collective and state farms of Dagestan. A.A. Nadiradze. Problemy ekonom. Dag. no 1 47-52 '66.
- 639 2 (479 24)—Azerbaijan S.S.R.
Methods of evaluating commercial fish resources and catch forecasting in Azerbaijan. A.A. Makhmudbekov. Trudy VNIRO 62 213-218 '67.
Present state of sturgeon stock in Azerbaijan. M.I. Legeza. Trudy Azerb. old TSNORKH 6 20-26 '67.
- 639 2 (571)—Asiatic R.S.F.S.R.
Nikonov, G.L., V.M. Sudakov, and V.N. Churunov.
[Data of the Ob'-Irtysh basin and efficient exploitation of its resources]. Eleits Ob'-Irtyshskogo baselina i rasional'noe ispol'zovanie ego zapasov. [Thumen'] Sredne-Ural'skoe kn. izd., [1966] 42 p.
- 639 2 (571.6)—Soviet Far East
Enamels for furnace protection. A.M. Struchkov. Ryb. khoz. 44 no 1 39 '68.
On an order-bearing ship. Ryb. khoz. 44 no 1 70-72 '68.
- 639 2 (571.64)—Sakhalin Province
Methods used for assessing the stock and forecasting possible catch of commercial fish in Sakhalin waters. A.I. Rumyantsev. Trudy VNIRO 62 107-121 '67.
- 639 2 (571.66)—Kamchatka Province
Modelling Oncorhynchus nerka population in the Ozernaya River with an electronic computer. V.V. Menshatkin. Trudy VNIRO 62 78-89 '67.
- 639 3 FISH CULTURE
Biological technology of cultivating minute algae. T.M. Aionovich, S.A. Baranov. Ryb. khoz. 44 no 1 15-17 '68.
Biology of Moina macrocopa and its significance for fish culture. M.A. Askarov. Trudy Azerb. old TSNORKH 6 67-70 '67.
Methods for improving the efficiency in pond fish culture. M. Rukosuev. Ryb. khoz. 44 no 1 18 '68.
New preparations for controlling Ichthyophthirius infestation of pond fishes. V.A. Mussatlov, N.T. Filippova. Ryb. khoz. 44 no 1 19-20 '68.
- 639 3 (282 25)—Asian rivers
Biotechnical norms of fall raising of young sturgeon in the Kura River. R.IU. Kasimov, M.A. Kasimov, M.Sh. Guseinov. Trudy Azerb. old TSNORKH 6 27-35 '67.
Commercial cultivation of water fleas. M.K. Askarov. Trudy Azerb. old TSNORKH 6 80-86 '67.
- 639 3 (477.8)—Western Ukraine
New nematode species in ponds of the Western Ukraine. V.M. Ivask, and others. Ryb. khoz. 44 no 1 21 '68.
- 639 3 (479 24)—Azerbaijan S.S.R.
Materials on artificial reproduction of sturgeons in Azerbaijan. R.A. Mailan. Trudy Azerb. old TSNORKH 6 13-19 '67.
- 64 DOMESTIC SCIENCE. HOUSEHOLD ECONOMY. HOUSEKEEPING. HOME AND HOTEL. MANAGEMENT. CATERING, ETC.
Blagorazumov, V.I., and Z.S. Khodorova. [Examination of the experiment. Restaurant "Praga"] Eksperiment deizhit ekzamen. Restoran "Praga." Moskva, "Ekonomika," 1967. 71 p.
- Zhukov, P.S. [Hotel management] Ekspluatatsiya hotelov. Moskva, Stroitizdat, 1967. 195 p.
- 641 FOOD COOKERY. CUISINE
First food supply detachments. A.V. Ivanov. Zashch. i khoz. prod. no 10-11 O '67.
- 641 (471.328)—Moldavia S.S.R.
Remembering their names. O. Luchchenko. Zashch. i khoz. prod. no 10, 27-30 O '67.
- 641 (477)—Ukrainian S.S.R.
The past, the present, and the future. V. Mal'chuk, A. Nikitchenko. Zakup sekh. khoz. prod. no 10 19 41 O '67.
- 641 (671)—Asiatic R.S.F.S.R.
During the difficult years. P.F. Voevodin. Zakup sekh. khoz. prod. no 10 9-10 O '67.
- 642 MEALS TABLE SERVICE AND COFFEE
Public food service, its efficient organization in the team. M.N. Shatnikov. Voprosy, 26 no 3 77-78 S-O '67.
- 646 CLOTHING GENERAL APPEARANCE CLEANLINESS
The children's clothing as seen by a phys. con. G. Terenteva. Doshk. vosp. 10 no 7 41 15 41 Z.
Planning for the service industries. S. Podolskii, S. Sazonova. Plan. khoz. 44 no 1 91-91 15 '67.
Winter work clothes of machinery operators. Tekhn. obr. 24 no 11 20 N '67.
- 648 WASHING LAUNDERING CLEANING
Automatic proportioning in the production of automatic washing powder. L.I. Poskhin, M.A. Romanenko, I. Z. Karpin. Mekh. i avtom. podzv. 10 no 11 15-15 15 '67.
Welding rate of washing machines with a thermo-thermo arc in argon. I.P. Nikonov and others. Tekhn. obr. no 1 31-32 Ja '68.
- 648 (478)—Moldavian S.S.R.
"Nialra," "Aurika," "Speranza," A.M. Rishchuk, Stand. i kach. 31 no 9 80 S '67.
- 65 01 MANAGEMENT THEORY, METHOD, SYSTEM
Behavior of a queuing system in the case of their breakdown followed by reorganization. L.M. Mamonov, I. Nasirova, Izv. AN Azerb. SSR, Ser. fiz.-tekhn. i matemat. 4 no 3 11-119-123 '67.
Regularization of a follow-up problem. V.I. Gerasimov. Difer. urav. 3 no 12 2108-2121 D '67.
- 654.1 USE OF TELEGRAPHY AND TELEPHONE. RADIO AND TELEVISION BROADCASTING AND RECEIVING
Karyagada operators and shows. N. Lohova. Svesh. i kach. 16 no 5 26-27 My '67.
- 656 PRINTING PUBLISHING. BOOK DESIGN
Business accounting in publishing houses and the decisions of the Communist Party of the U.S.S.R. A. Markus. Kniga, issl. i mat. no 14 5-18 '67.
Experience gained in using offset colors on a small-scale binding agent for map printing. V.D. Dubin, I. Chinchuk. Good i kach. no 12 49-72 D '67.
Facts, finds, and information. V mire knig 7 no 12 42-43 '67.
Factual errors in fiction and the role of the editor in their elimination. S.M. Bricburg. Kniga, issl. i mat. no 11 27-50 '67.
Holiday of the book. N. Beloglavova. Doshk. vosp. 43 no 10 77-78 '67.
Permission for doubt. T. Lavrov. V mire knig 7 no 12 22 '67.
- [Problems in the technology of printing] Problemy tekhnologii poligrafii. Pod red. V.S. Lapatukhin. Moskva, "Kniga," 1967. 414 p.
Publishing and editing local history studies: comprehensive historical study of a town as a type of publication. V.F. Alekseev. Kniga, issl. i mat. no 14 51-72 '67.
Publishing marks. S.P. Fortinskii. Kniga, issl. i mat. no 14 104-205 '67.
Publishing of books during half a century. V mire knig 7 no 11 16 '67.
Responsibility of the artist. T. Pravdivina. Doshk. vosp. 40 no 10 72-76 '67.
They stirred up the world. A. Kovalev, M. Gusatinskii. V mire knig 7 no 12 4-5 '67.
V.G. Korolenko's letters on editing: submitted by A. Tolstolokov. Kniga, issl. i mat. no 11 73-103 '67.
The "Vsesmirnaya literatura" Publishing House, 1918-1924. I.A. Shomrakova. Kniga, issl. i mat. no 14 175-177 '67.
Ways of improving the commercial activity of scientific and technical publishing houses. M.L. Platova. Kniga, issl. i mat. no 14 19-26 '67.
- 655 (437)—Czechoslovakia
Where and when did Slavic printing begin: introduction of the problem. A.S. Mylnikov. Kniga, issl. i mat. no 14 121-132 '67.
- 639 2 (261)—Atlantic Ocean
Kukhorenko, K., and I.U. Komarov. [Commercial fishes of the eastern part of the tropical Atlantic Ocean]. Promislovye ryby vostochnoi chasti tropicheskoi Atlantiki [Kalminegrad] Kaliningr. kn. izd., 1966. 185 p.
Votolovskii, G.K. [Fisheries in the Southern Atlantic]. Rybolovstvo v Uzhnoi Atlantike. Moskva, "Pishevalaya prom-st," 1967. 143 p.
- 639 2 (262 5)—Black Sea
Methods of evaluating commercial fish resources as provided by the Caspian Scientific Research Institute. P. I. Ibragimov, I.N. Kabanichev. Trudy VNIRO 62 209-212 '67.
Methods of evaluating the state of resources and forecasting the possible catch of main commercial fish of the Black Sea and deep-sea fishes of the sea of Azov used by the Azov-Black Sea All-Union Research Institute of Marine Fisheries and Oceanography. N.F. Tarasenko. Trudy VNIRO 62 181-186 '67.
Methods of evaluating the stock and forecasting the catch of turbot of the Black Sea. V.P. Popova. Trudy VNIRO 62 197-204 '67.
- 639 2 (262 8)—Caspian Sea
Economic efficiency of the output of salted sprat by the RCHS and SCRS-type trawlers in the Caspian Sea basin. A.A. Abdullshekov. Problemy ekonom. Dag. no 3 113-120 '65.
Methods of evaluating anchovy resources, their fluctuations and causes for rejuvenation of commercial stock during the last years. B.I. Prishchadko. Trudy VNIRO 62 219-230 '67.
Summarizing the research on sturgeons in the central and southern Caspian Sea and its immediate objectives. M.I. Legeza, R.A. Mailan. Trudy Azerb. old TSNORKH 6 5-12 '67.

655(471 232)—Leningrad City

P. P. Sobin's publishing activity: from the history of the publication of educational and Marxist literature. N. G. Mal'khin. Kniga, 1981 i mat. no. 14 160-174 '87

655(471 310)—Moscow City

An unknown edition of a book published in Moscow in the 16th century. T. N. Kamenova. Kniga, 1981, i mat. no. 14 193-194 '87

655(471 63)—Slavropol Territory

A city where everybody reads. M. Osipov. V mire knig 7 no. 11 42-43 '87

655(476)—White Russian S.S.R.

450 years of White Russian printing. A. I. Zhuravskii, A. N. Bul'kov. Kniga, 1981 i mat. no. 11 102-120 '87.

655(477)—Ukrainian S.S.R.

Books in Odessa in the first half of the 19th century. S. I. Borovoi. Kniga, 1981, i mat. no. 14 145-159 '87.
Soviet Ukrainian books published in the last 50 years. O. V. Molodchikov. Ukr. ist. zhur. 11 no. 9 26-37 S '87.

656 TRANSPORT AND POSTAL SERVICES

Method of the network planning for the transportation of granitoids. T. Ushakov. Muk. - riev. piom. 33 no. 10 19-20 O '87.
Pneumatic unloading of cement. N. S. Chernyshev. Zhel. dor. transp. 49 no. 4 53-54 Ap '87.
[Possibilities of efficient use of air, automotive, and rail transportation in the moving of crops and vegetables] Sferi isleosobniznogo primeneniya vozdukhonogo, avtomobil'nogo i zheleznodorozhnogo transporta pri peremozke plodov i ovoshchei. Pod red. V. I. Dmitrieva. Moskva, "Transport," 1987. 62 p.

656.1 ROAD TRANSPORT, HAULAGE

The economic reform in the automobile transport of the Russian Federation. M. Nishchii. Vcat. stat. no. 11 15-50 '87.
Manzon, A. I., and G. E. Nagula. [Manual on traffic regulations for cities, populated places, and highways of the U.S.S.R.] Posobie po pravilam dvizheniya po ulitsam gorodov, naselennykh punktov i dorogam SSSR. Izd. 4-e, ispr. Kiev, "Tekhnika," 1987. 144 p.

656.2 RAILWAY TRANSPORT

About new methods in management. V. P. Petrov. Put' i put. khoz. 11 no. 4 41 '87.
Activity of international transportation organizations. R. I. Osinovskaya, I. T. Timoshonkov. Zhel. dor. transp. 49 no. 8 88-92 S '87.
Advanced experience in the organization of work at freight stations. I. N. Koluga and others. Zhel. dor. transp. 49 no. 4 10-41 Ap '87.
Algorithmization of the distribution of maneuvering operations in making up (final making up) trains between hump yard and sidings. V. M. Kulshov. Trudy KHIT no. 79 31-41 '85.
Apparatus for scientific organization of labor. I. Lazarenko. Avtom., telem. i svyaz' 11 no. 4 42-43 Ap '87.
At a model railroad station. S. F. Gulev, P. V. Kazantsev. Zhel. dor. transp. 49 no. 7 30-33 Ji '87.
Automatic block system. M. A. Pokrovskii. Avtom., telem. i svyaz' 11 no. 11 4-7 N '87.
Automatic distributor of seats on trains. Zhel. dor. transp. 49 no. 6 81 Je '87.
Automating accounting and bookkeeping processes at classification stations. G. I. Oleshko, I. I. Petushin, G. A. Mukhammedov. Zhel. dor. transp. 49 no. 6 30-33 Je '87.
Basic prerequisites for algorithmization of maneuvering operations in the tall end of the throat of a hump yard. G. I. Oleshko. Trudy KHIT no. 79 21-30 '85.
The best in their profession. Elek. i tepl. tizaga 11 no. 11 7 N '87.
Brief speeches at the meeting. Sbornauch. trud. EINI 8 242-263 '87.
Calculating capacities of classification station facilities. N. N. Shabalin. Zhel. dor. transp. 49 no. 7 30-42 Ji '87.
Care for the passenger. IU. I. Zelenskii. Zhel. dor. transp. 49 no. 9 11-17 S '87.
Centralized freight transportation accounting. V. V. Povorozhenko, M. G. Trifonova, G. I. Gololobov. Zhel. dor. transp. 49 no. 6 57-82 Je '87.
Characteristic phase during peaks of freight operations. N. M. Ivanitskii. Zhel. dor. transp. 49 no. 6 23-28 Je '87.
Classification of sorting stations. N. P. Galatchenko. Trudy KHIT no. 79 4-9 '85.
Communist party as the inspirer and organizer of our glorious victories. M. V. Partshkov. Elek. i tepl. tizaga 11 no. 11 5 N '87.
Concerning automation of suburban ticket offices; zone automatic station. N. T. Chernukha, D. P. Revin. Trudy KHIT no. 79 60-70 '85.
Concerning parameters of railroad car concentrations. N. P. Galatchenko. Trudy KHIT no. 79 10-20 '85.

Concerning transmission devices in the complex automated system of a classification station. V. A. Leshchinskii. Trudy KHIT no. 79 51-58 '85.
Contactless switching circuits for communication systems. I. S. Malkin. Avtom., telem. i svyaz' 11 no. 4 25-27 Ap '87.
Correcting the alignment plan of a line in preparation for high-speed traffic on existing railroads. V. I. Pysalov. Trudy KHIT no. 79 40-45 '86.
Creative activity and spirited work. A. M. Avertov. Elek. i tepl. tizaga 11 no. 11 8-9 N '87.
Destruction of brushwood by chemical poisons. B. A. Kirel'mov. Avtom., telem. i svyaz' 11 no. 4 35-36 Ap '87.
Determining economic efficacy of capital investments in track management. V. I. Shul'ga. Zhel. dor. transp. 49 no. 4 31-34 Ap '87.
Developing the mechanization of bookkeeping and accounting processes. G. I. Kofada. Zhel. dor. transp. 49 no. 8 81-85 Ag '87.
Development of classification stations. B. A. Diugach. Zhel. dor. transp. 49 no. 7 91-91 Ji '87.
Development of stations and junctions. I. E. Savchenko. Zhel. dor. transp. 49 no. 4 10-16 Ap '87.
Device for carrying KZII machines. A. T. Dubrovskii. Avtom., telem. i svyaz' 11 no. 4 39 Ap '87.
Economic evaluation of the operation of railroads. F. V. Laitonova. Zhel. dor. transp. 49 no. 6 62-66 Je '87.
Economic experiment: results and deductions. B. I. Zikeev, V. P. Zakharova. Zhel. dor. transp. 49 no. 1 17-23 Ap '87.
Economic reform in railroad transportation. Zhel. dor. transp. 49 no. 8 3-6 Ag '87.
Efficiency in the transportation of railroad ties. V. P. Kataev. Zhel. dor. transp. 49 no. 9 45-46 S '87.
Efficient distribution of freight cars for loading. B. K. Bidiu, G. I. Baiyshok. Zhel. dor. transp. 49 no. 6 35-36 Je '87.
An efficient rhythm should prevail at a classification complex. K. V. Kulakov. Zhel. dor. transp. 49 no. 7 33-35 Ji '87.
Efficient traffic load distribution on railroad lines. Zhel. dor. transp. 49 no. 7 39-50 Ji '87.
Electric locomotives are used efficiently. A. K. Lysenko. Zhel. dor. transp. 49 no. 9 47-50 S '87.
Electrification of intermediate railroad stations and of railroad structures along railroad tracks. A. V. Khalimov. Zhel. dor. transp. 49 no. 6 80 Je '87.
Elimination of transmission delay in the "Kars" transceiver. V. A. Enin. Avtom., telem. i svyaz' 11 no. 4 38 Ap '87.
Expansion of tourist and excursion travel. A. L. Kleimennov, I. A. Vialkova. Zhel. dor. transp. 49 no. 8 39-42 Ag '87.
Extent of labor required for track maintenance depending on wearing force of rolling stock. IU. V. Malyshev. Trudy KHIT no. 79 55-60 '86.
Figuring out periods of time required for shunting electric locomotive stock on open-cut lines by the speed drop method. G. T. Lyubkov. Sbornauch. trud. EINI 8 210-211 '87.
Five-day week for a railroad sector. B. V. Blashko, V. I. Seigeev. Zhel. dor. transp. 49 no. 9 39-44 S '87.
Flexible traffic schedule of suburban electric trains. P. D. Mil'dvaif. Zhel. dor. transp. 49 no. 6 26-28 Je '87.
For economic spending of government resources. I. N. Lariushkin. Avtom., telem. i svyaz' 11 no. 4 11 Ap '87.
A foreign magazine writes about railroad transportation in the U.S.S.R. Zhel. dor. transp. 49 no. 4 91-92 Ap '87.
Foreign technical news. Zhel. dor. transp. 49 no. 1 95-98 Ap '87.
From Communist subotniks to the movement for communist labor. I. I. Makshimenko. Zhel. dor. transp. 49 no. 6 13-13 Je '87.
From the editor's mail. Zhel. dor. transp. 49 no. 4 74 Ap '87.
From the Turkistan-Siberia Railroad to the Kazakh Railroad. IU. I. A. Fishbein, IU. B. Timashevskii. Elek. i tepl. tizaga 11 no. 11 22-25 N '87.
An important season in the work of railroads. Zhel. dor. transp. 49 no. 6 3-5 Je '87.
Improve the organization of operations and the management of industrial transportation. IU. A. Kovalenko. Sbornauch. trud. EINI 8 201-202 '87.
Improved discharge system. B. I. Ganikina. Avtom., telem. i svyaz' 11 no. 4 33 Ap '87.
Improved KSh-type relay. Avtom., telem. i svyaz' 11 no. 4 41 Ap '87.
Improvement of the operation of RM-24A apparatus. N. G. Esin. Avtom., telem. i svyaz' 11 no. 4 27 Ap '87.
Improving labor conditions and working quarters at railroad stations. L. A. Zubarevich, V. T. Sidorenko. Zhel. dor. transp. 49 no. 8 32-35 Ag '87.
In preparation for the 50th anniversary of the Great October. Zhel. dor. transp. 49 no. 7 3-6 Ji '87.
Increase of efficiency in electric power recovery. N. L. Fuks. Zhel. dor. transp. 49 no. 7 59-63 Ji '87.
Increasing accuracy in the measurement of resistors. N. P. Tur. Avtom., telem. i svyaz' 11 no. 4 37 Ap '87.

Increasing productivity of a diesel tamping machine designed by the TSHIS-RRM3. M. I. Kalinovskii. Trudy KHIT no. 79 84-86 '85.
Increasing the material incentive. I. A. Chizhitskii, M. A. Merentsev. Zhel. dor. transp. 49 no. 7 73-78 Ji '87.
Innovations in the transportation of building materials. IU. A. Adnanov, G. V. Imetishvili, N. M. Korol'kov. Zhel. dor. transp. 49 no. 4 55 Ap '87.
Interrelations between transport organizations and efficiency of hauls. M. V. Simanovskii. Zhel. dor. transp. 49 no. 6 66-68 Je '87.
Iokhon, A. I., and others. [Organization of railroad operations on lengthened sectors of locomotive circulation] Organizatsiya poezdnoi raboty na udlinennykh uchastkakh obrashcheniya lokomotivov. Pod obshe. red. I. B. Sotnikova. Moskva, "Transport," 1987. 137 p.
KSh-800 relay in a two-wire network of a switch. P. N. Zhil'tov. Avtom., telem. i svyaz' 11 no. 4 41 Ap '87.
Loading, unloading, mechanization. V. N. Korotkov. Zhel. dor. transp. 49 no. 8 19-26 Ag '87.
Locating braking positions on a hump yard at a classification station. S. P. Buzanov, N. G. Stepanov. Zhel. dor. transp. 49 no. 9 61-63 S '87.
The lock operates faultlessly. A. I. Beloshapkin. Avtom., telem. i svyaz' 11 no. 4 36 Ap '87.
Main agencies for the scientific organization of labor. Zhel. dor. transp. 49 no. 8 88-89 Ag '87.
Mathematical formulation of a freight station operation. A. G. Sed'ykh. Zhel. dor. transp. 49 no. 8 50-52 Ag '87.
Means for automating ticket office operations. IU. M. Iodolov, Z. G. Remiz. Avtom., telem. i svyaz' 11 no. 1 10-11 Ap '87.
Measurement of the electrical parameters of a track line. I. Z. Skrypin, IU. V. Sobolev, F. D. List. Avtom., telem. i svyaz' 11 no. 4 20-22 Ap '87.
Measures for further improvement of workers' labor safety. Zhel. dor. transp. 49 no. 4 80-81 Ap '87.
Methods of more compact loading. A. I. Smolin. Zhel. dor. transp. 49 no. 9 54-56 S '87.
Mobile station of a block-type electric interlocking system. G. A. Krasovskii. Avtom., telem. i svyaz' 11 no. 4 17 Ap '87.
More attention should be devoted to clocks. V. S. Pantilov, A. M. Rudenko, A. I. Buiakovskii. Avtom., telem. i svyaz' 11 no. 4 40 Ap '87.
More compact loading of tractors. P. A. Kurnosenko, N. V. Marina, A. L. Selivanova. Zhel. dor. transp. 49 no. 6 28-29 Je '87.
More efficient transportation of building materials. B. P. Khorikov. Zhel. dor. transp. 49 no. 8 85-86 Ag '87.
Narrow-gauge railroad machine. V. A. Grachev and others. Toif, prom. 43 no. 4 21-23 '86.
Network planning and management in making up trains. N. S. Konarev, A. I. Shulov, I. D. Il'vinskii. Zhel. dor. transp. 49 no. 8 43-46 Ag '87.
Network planning in construction work. V. N. Baranov. Zhel. dor. transp. 49 no. 1 83-84 Ap '87.
Network schedule graph at a classification station. V. I. Kuznetsov, IU. V. Bochkov. Zhel. dor. transp. 49 no. 4 35-40 Ap '87.
Network schedule graphs at classification stations. P. P. Sadikov and others. Zhel. dor. transp. 49 no. 9 51-54 S '87.
Network schedule graphs in practice. IU. I. Levantovich. Zhel. dor. transp. 49 no. 6 18-22 Je '87.
New amplifiers are necessary for the announcement systems of railroad yards. M. S. Koshitskaya, S. T. Popov. Avtom., telem. i svyaz' 11 no. 4 44 Ap '87.
New methods of operation in railroad car depots. I. F. Kananovich. Zhel. dor. transp. 49 no. 4 23-27 Ap '87.
New way of organizing the work of pickup freight trains. L. S. Mokshin. Zhel. dor. transp. 49 no. 8 46-50 Ag '87.
On the railroads of the world. Zhel. dor. transp. 49 no. 4 99-94 Ap '87.
On the railroads of the world. Zhel. dor. transp. 49 no. 6 80-91 Je '87.
On the railroads of the world. Zhel. dor. transp. 49 no. 9 92 S '87.
One hundred and eighty thousand engineers are graduates of institutes of higher education in railroad transportation. M. E. Gritsevskii. Zhel. dor. transp. 49 no. 8 13-18 Ag '87.
Organization of intrasystem car traffic flow. N. P. Solov'eva. Zhel. dor. transp. 49 no. 4 86-88 Ap '87.
Organization of local work on a railroad sector. E. A. Gul'nikskii. Zhel. dor. transp. 49 no. 4 47-48 Ap '87.
Organization of repair work and the modernization of industrial electric locomotives at the Sverdlovsk electric locomotive repair plant. A. S. Kravchenko. Sbornauch. trud. EINI 8 73-75 '87.
Organizing overhaul work on industrial DC and AC electric locomotives. A. V. Gubskii. Sbornauch. trud. EINI 8 179-184 '87.
Passenger service is improving. A. K. Kimstach. Zhel. dor. transp. 49 no. 7 27-30 Ji '87.
Personnel and technical equipment. N. V. Afanas'ev, P. S. Stebakov. Zhel. dor. transp. 49 no. 6 13-17 Je '87.

- Perspectives in the use of electronic digital computers and mathematical methods. Zhel dor transp. 49 no 4 82-83 Ap '67
- Plans and estimates should be governed by sound economics. A. M. Kozlov. Zhel dor transp. 49 no 6 69-71 Je '67
- Pneumatic unloading of cement. N. S. Chernyshov. Zhel dor transp. 49 no 4 53-54 Ap '67
- Portable receiver for regenerating teletype machines. G. M. Kuznetsov. Avtom., telem i svyaz' II no 1 39 Ap '67
- Preparation of a unified technology. N. R. Iushchenko. M. M. Babalov. Zhel dor transp. 49 no 6 72-73 Je '67
- Preparation of optimal freight traffic tables. V. G. Galabunda, R. M. Tsarev. Zhel dor transp. 49 no 7 83-85 Ji '67
- Preparation of the Scientific and Technical Society for the 50th anniversary of the Great October Revolution. Zhel dor transp. 49 no 6 77-78 Je '67
- Problems in perfecting exploitation work. Zhel dor transp. 49 no 9 84-87 S '67
- Problems of aerodynamics in high-speed passenger trains. A. V. Durov. Zhel dor transp. 49 no 6 51-53 Je '67
- Problems of improving methods of technical and economic calculations and of using electronic computers in planning railroad lines. V. U. Gots. Trudy DHT no 70 30-33 '66
- Processing of closed cars after the unloading of mineral fertilizers. M. B. Radvin'skiy, M. M. Zorkina, A. A. Poliakov. Zhel dor transp. 49 no 9 61-63 S '67
- Progressive methods in dispatchers' guidance. G. S. Leshov. Zhel dor transp. 49 no 8 30-39 Ag '67
- Progressive methods in the operation of a classification station. V. Z. Fakhritdinov. Zhel dor transp. 49 no 7 36-39 Ji '67
- Publications in the new five-year period for railroad workers. N. I. Sidorov. Zhel dor transp. 49 no 4 78-80 Ap '67
- Railroad equipment manufacturing plants under new working conditions. G. G. Kludits. Zhel dor transp. 49 no 8 75-81 Ag '67
- Railroad transportation during the first half of 1967: technical and economic review. Zhel dor transp. 49 no 9 28-31 S '67
- Railroad transportation in open-cut coal mines and proposed types of traction for the rolling stock. K. M. Tietukov. Sbornik nauch. trud. RZD 8 52-54 '67
- Raising efficiency of single inbound track hump yards. I. A. Sotnikov, N. F. Popov. Zhel dor transp. 49 no 6 33-35 Je '67
- Reducing time of car accumulation at railroad stations. N. I. Khlovanskiy. Zhel dor transp. 49 no 4 48-50 Ap '67
- Relay race. I. Pratchuk. Avtom., telem i svyaz' II no 1 18-19 Ap '67
- Requirements for switching-train starting. N. E. Goncharov. Trudy KHIT no 79 42-52 '65
- Scientific and technical anniversary conference. Zhel dor transp. 49 no 7 80-88 Ji '67
- Series connection of the filaments of tubes of three PKV-N sets. I. N. Novolokum. Avtom., telem i svyaz' II no 4 34-35 Ap '67
- Shortcomings of electric dispatch indicators of trains. A. M. Borukov. Avtom., telem i svyaz' II no 4 44 Ap '67
- Shoulder to shoulder with the times. P. F. Volkov. Put' i put khoz. II no 4 29-31 '67
- Simple and reliable. N. P. Smirnov. Avtom., telem i svyaz' II no 4 36 Ap '67
- Some problems connected with the increase of traveling speed of passenger trains. A. Z. Iudov. Zhel dor transp. 49 no 6 48-49 Je '67
- Standardizing the weight of freight trains. A. P. Romanov. Zhel dor transp. 49 no 6 37-38 Je '67
- The struggle for technical progress. D. S. Sugak. Zhel dor transp. 49 no 8 7-13 Ag '67
- Technical and economic effectiveness of lifting speed limitations on passenger train traffic on electric lines. E. N. Gubenko, V. I. Evgrafov. Trudy DHT no 70 21-29 '66
- Technical characteristics of operations of a mechanized shop in preparing closed cars for loading after removal of mineral fertilizer cargoes. A. A. Poliakov. Trudy KHIT no 79 71-83 '65
- There are no rejects in the output. N. G. Ploshai. Put' i put khoz. II no 4 38 '67
- Through the years and over the distances: as told by veteran workers. Elek i tepl. tsiaga II no 11 11 N '67
- Typing of a relay-type semiautomatic block system with keying units in stations with several approaches. N. A. Kornisarchuk. Avtom., telem i svyaz' II no 4 20-33 Ap '67
- Unified transportation network of the U.S.S.R. V. I. Petrov. Zhel dor transp. 49 no 7 13-10 Ji '67
- Universal repeater station for selective communications with voice-frequency call. N. V. Zolotov. Avtom., telem i svyaz' II no 4 8-9 Ap '67
- Use of capital assets under new conditions. A. S. Kvitsinskiy, A. G. Losev. Zhel dor transp. 49 no 9 32-39 S '67
- Vasil'tsov, A. M., and D. M. Gumburg. [Manual on maintenance of semiautomatic blocking and mechanical centralization] Posobie po tekhnicheskoy soderzhaniiu poluavtomaticheskoy blokirovki i mekhanicheskoy tsentralizatsii. Moskva, "Transport," 1967 280 p
- Voltage-to-code converters. E. I. Roel'dor. Avtom., telem i svyaz' II no 4 15 17 Ap '67
- We will carry out the anniversary year plan requirements ahead of schedule. I. V. Ruskov, L. P. Strukov. Put' i put khoz. II no 4 1-4 '67
- Working district of the Ushlov family. G. Vershinin. Elek i tepl. tsiaga II no 11 20-21 N '67
- 656 2(477)—Ukrainian S.S.R.
Donbas trunk line in the anniversary year. I. N. Krivenko. Zhel dor transp. 49 no 7 7-12 Ji '67
- 656 2(479 21)—Azerbaijan S.S.R.
Azerbaijan trunk line on the upgrade. A. M. Bagirov. Zhel dor transp. 49 no 9 24-27 S '67
- 656 2(574)—Kazakh S.S.R.
Local work has improved. M. L. Kizima. Zhel dor transp. 49 no 9 56-58 S '67
- 656 2(67)—Equatorial, South Central and East Africa
Railroads of Central Africa. V. M. Baturin. Zhel dor transp. 49 no 6 84-88 Je '67
- 656 5 PIPELINES
Some investigations of the production of reinforced concrete shaped sections of pipelines. L. A. Taran. Uch. zap. Mozd gos un. no 31 107-115 '63
- 656 6 MARINE, WATER TRANSPORT
Cherniev, L. F. [ABC of navigation] Azbuka sudovozhdeniya. Moskva, "Transport," 1967 100 p
- Complex servicing of a fleet in transit. V. Zakharov, V. Shekhtmanov. Rech transp. 26 no 11 13-15 '67
- Complex system of course indication. A. A. Iatushenkov. Trudy TSNIMF no 69 19-38 '66
- Device for selecting the optimum maneuver in ship passing. O. L. Mitrofanov. Trudy TSNIMF no 69 81-89 '66
- Erofeev, N. F. [Technical means for the overall mechanization of loading and unloading operations in the merchant marine] Tekhnicheskie sredstva kompleksnoi mekhanizatsii perigruzochnykh rabot na morskoy transporte. Moskva, "Transport," 1967 351 p
- Expanding and improving the pusher navigation system. G. Vaganov, L. Ryzhov. Rech transp. 26 no 11 5-7 '67
- For a better preparation of the fleet for the 1968 navigation season. A. Videtskiy. Rech transp. 26 no 11 2 '67
- In the Collegium of the Ministry of the River Fleet. Rech transp. 26 no 11 52 '67
- In the State Committee for Vocational Education attached to the Council of Ministers of the U.S.S.R. Prof. tekhn. obr. 23 no 5 5 My '68
- Ivanovskoye rapids should be transformed into an area of accident-free navigation. S. Ol'shamovskiy. Rech transp. 26 no 11 44-47 '67
- Kraev, I. S. [Cargoes and the technology of transportation] Gruzovozhenie i tekhnologiya perivozok. Moskva, "Transport," 1967 271 p
- Methods of smoothing out navigation measurements. I. U. V. Kononov. Trudy TSNIMF no 69 39-43 '66
- Our immediate objective is a billion ton-kilometers. V. Smirnov. Rech transp. 26 no 11 3-5 '67
- Practices of operating motorships of the "Baltiflakt" type in ice conditions. V. Basargin. Rech transp. 26 no 11 48 '67
- River transportation in capitalist countries. G. Agranat. Rech transp. 26 no 11 57-58 '67
- Sukhin, E. T., K. P. Kondrat'ev, and V. P. Syrakli. [Operation, repair and assembly of hoisting and conveying machines] Tekhnicheskaya eksploatatsiya, remont i montazh pod'emno-transportnykh mashin. [Moskva], "Transport," 1967 392 p
- 656 6(571 14)—Novosibirsk Province
Topic knowledge check. A. I. Lykhin. Sled, spets, obr. 14 no 7 21-22 Ji '67
- 656 7 AIR TRANSPORT
Allakhverdov, M. A., and G. P. Savichev. [Agreements on cargo transportation] Dogovory o perovozkakh gruzov. Moskva, "Iurid. lit.," 1967 184 p
- The effect of speed. N. Gorelov. Grazhd. av. 24 no 11; 20-21 N '67
- Evaluate psychophysiological qualities of flight crews more fully. I. D. Dolinskiy. Mor. sbor. 51 no 1 55-59 Ja '68
- 656 835 FRANKING STAMPS PHILATELY
Tourism is the passport to the world. L. Vol'nov. Az. i Afr. seg. II no 13 53 D '67
- 657 ACCOUNTANCY BOOKKEEPING
Accounting for production costs in cotton growing brigades. R. Radzhapov. Dokl. i soob. VNIIEKH no 32 95-100 '66
- Accounting for products and materials with the aid of keyboard calculating machines. I. Khizanovich. Dokl. i soob. VNIIEKH no 32 101-110 '66
- Accounting for the delivery of complete sets of required equipment with the aid of punched cards. G. Davydov, N. Orlov. Mat.-tekhn. snabzhen. 2 no 12 81 D '67
- Accounting for the sales of collective farm products. E. Soficov. Vest. stat. no 11 56-60 '67
- Centralized freight transportation accounting. V. V. Povorozhenko, M. G. Trifonova, G. A. Golobova. Zhel dor transp. 49 no 6 57-62 Je '67
- Estimated price determination and accounting for individual expenditures in building production. V. Tolstoy. Vest. stat. no 11 36-41 '67
- The free profit balance. A. Millionshekhov. Vest. stat. no 12 72-77 D '67
- From practice in the machine processing of the annual reports of state farms of the Russian Federation. B. Pleshkov, V. Moskatova. B. Dzel'm. Vest. stat. no 11 65-72 '67
- Improving the accounting in procurement. B. Tankov, E. Pen'kov. Mat.-tekhn. snabzhen. 2 no 12 32-39 D '67
- Inventory of citizens' property subject to compulsory insurance. V. Somlin. Fin. SSSR II no 12 71-78 D '67
- Standardizing forms of original accounting documents in enterprises. A. Smirnov. Vest. stat. no 11 51-55 '67
- Uniform journal-voucher accounting system in agricultural enterprises. F. S. Istomin. Trudy Sverdlovsk. gos. un. 11 29-32 '65
- 657(477)—Ukrainian S.S.R.
Meeting with faithfulness. V. Lesovskiy. Fin. SSSR II no 12 60 D '67
- On intradepartmental control. K. Likunenko. Vest. stat. no 12 66-68 D '67
- 657(571 17)—Kemerovo Province
Our volunteer helpers. N. Sheglov. Vest. stat. no 11 61-64 '67
- 658 BUSINESS, WORKS AND SHOP MANAGEMENT AND TECHNIQUES
Analysis of certain recommendations on using the theory of mass servicing in operational calculations of the merchant marine. A. Sukolenov. Rech transp. 26 no 11 20-22 '67
- Analyzing mathematical formulas for determining the economic effectiveness of the measures for improving the use of fixed assets, as exemplified by the petrochemical production industry. V. M. Rozenfeld. Razrab. i izd. gaz. mest. no 3 78-81 '67
- Assembly block diagram for expanding railway tracks over waste disposal dumps. S. S. Kopylov. Trudy Inst. gornogo dela Kazakh SSR 28 67-73 '67
- Balkhin, M. I., M. S. Gurevich, and A. M. Kuperman. [Planning construction work] Planirovaniye stroitel'stva. Moskva, Stroiizdat, 1967 380 p
- Borozdin, I. G. [Network scheduling and management of building operations] Setevoye planirovaniye upravleniya stroitel'stvom. Moskva, Stroiizdat, 1967 138 p
- Capital assets and the profitability of grain procurement centers. Z. Chukhar'ko, G. Shefer, N. Roninova. Zakup. sel'khoz. prod. no 1 20-23 Ja '67
- The challenge banner. S. Kemezhuk. Den. i kred. 25 no 12 72 D '67
- Communist labor is the guarantee of our achievements. O. Nikonova. Den. i kred. 25 no 12 71-72 D '67
- Determination of costs of geologic prospecting operations. O. I. Lesuk. Razrab. i izd. gaz. mest. no 3 73-77 '67
- Developing and introducing the plan of scientific organization of labor in open-hearth furnaces. V. V. Kholovaty. Metallurg 13 no 1 20-21 Ja '68
- Introducing business accounting in shop sections of grain receiving enterprises. F. Genshtein. Zakup. sel'khoz. prod. no 10 53-55 O '67
- Koshkarev, A. P., and S. S. Chubenko. [The economic reform and intraplant business accounting] Khozial'stvennaya reforma i vnutrilyazvedskiy khozraschet. Moskva, "Ekonomika," 1967 215 p. (Predpriyatiye v novykh usloviyakh)
- Mechanizing the management of spare parts supply. V. Savostin, A. Daryk. Mat.-tekhn. snabzhen. 2 no 11 77-93 N '67
- Methods of determining labor productivity in open-pit mines. B. Zh. Kul'dzhanov, A. M. Zemel'man. Trudy Inst. gornogo dela Kazakh SSR 28 74-80 '67
- New forms for work details. I. Podedintsyn. Rech transp. 26 no 11 27-28 '67
- Results of the search for a solution. I. N. Kanlaskii. Sov. shakht. 16 no 6 2-3 Je '67
- Subdued are the Shurab coal seams. Sov. shakht. 16 no 12 11 D '67
- Timetable of ship operations. Ryb. khoz. 44 no 1 78-81 '68

658 (Continued)

Working capital and the new system of planning M. Solonitskiy, *Ekonom. Rad.* 10 no 6 28-33 Ja '67

658(471) 310—Moscow City

Continuous assembly line, S. P. Cherkashin, *Zakup sel'khoz prod.* no 10 12-11 O '67.

658(471) 311—Moscow Province

In step with time G. Shako, *Zakup sel'khoz prod.* no 10 43-48 O '67.

658(471) 321—Voronezh Province

On the eve of an important date, M. Sazonov and others, *Zakup sel'khoz prod.* no 14-6 Ja '67.

658(471) 43—Kuybyshev Province

In style hands, R. Volodint, *Zakup sel'khoz prod.* no 15 53 Ja '67

658(476)—White Russian S. S. R.

Give more attention to efficiency promotion suggestions K. V. Chernikov, *Dokl. i krd.* 25 no 12 63-61 D '67

658(477)—Ukrainian S. S. R.

Public inspection of efficiency promotion suggestions, N. Taranets, *Dokl. i krd.* 25 no 12 64-65 D '67

Role of business accounting in technical creativity, R. Hris, *Ekonom. Rad.* 10 no 6 78-81 Ja '67

Some problems of preparing for the new methods of management, R. Dudenman, *Ekonom. Rad.* 10 no 6 41-44 Ja '67

658(479) 25—Armenian S. S. R.

An important factor in increasing the efficiency of capital assets R. Safarian, *Prom. Arm.* 9 no 9 11-13 '66

658.1 FORMS OF BUSINESS ENTERPRISE FINANCES

Advancements of the economic science in the use of plant materials Z. B. Vetruchnovskiy, *Lakotiya mat. i shk. prom.* no 5 54-56 '67

Businesslike training of engineering personnel for the fishing industry, A. L. Mezerov, *Ryb. khoz.* 11 no 1 86-87 '68

Determining the extent of supplementary investments in the petroleum production industry, V. M. Rozenfeld, *Razrab. nef. i gaz. mest.* no 3 81-87 '67

Economic evaluation of the operation of railroads, I. V. Ipatov, *Zhel. dor. transp.* 19 no 6 62-60 Ja '67

The free profit balance A. Millionshechikov, *Fin. SSSR* 41 no 12 72-77 D '67

Rakhlin, Z. M., [Law and business accounting] *Pravo i khozraschet.* Moskva, "Znanie," 1967. 76 p. (Nauchnyi universitet. Fakul'tet pravovykh nauk, 12).

Smekhov, B. M., [Billions for construction work] *Milliardy na stroitel'stvo.* Moskva, "Statistika," 1967. 59 p. (Statistika dlya vsekh).

[Ways to consolidate business accounting in the textile industry] *Puti ukrepleniya khozrascheta v tekstil'noi promyshlennosti.* Moskva, "Legkaya Industriya," 1967. 274 p.

658.1(471.232)—Leningrad City

The new conditions and the new demands I. Beliaev, *Fin. SSSR* 41 no 12 21-27 D '67

658.1(471) 6—Northern Caucasus

Material incentives are one of the most important conditions for business accounting N. V. Danilova, S. P. Kim, *Probl. raz. ekon. Dag.* no 3 131-137 '65.

658.1(476)—White Russian S. S. R.

Incentives and penalties arising in connection with business accounting operations, N. Moroz, *Plan. khoz.* 44 no 1 39-43 Ja '68.

658.1(477)—Ukrainian S. S. R.

Business accounting in the combines of local industry, L. Nezhinskaya, I. Mitosnik, *Plan. khoz.* 44 no 1 44-47 Ja '68.

On intradepartmental control K. Iakunenko, *Fin. SSSR* 41 no 12 66-68 D '67

Planning for the profit and profitable operation of workshops, B. Vahuev, *Plan. khoz.* 44 no 1 88-90 Ja '68.

658.2 ESTABLISHMENTS WORKS, PLANTS AND EQUIPMENT

Brill, G. D., [Technical and economic bases of the mechanization of transport and warehouse work] *Tekhniko-ekonomicheskie osnovaniya mekhanizatsii transportnykh i skladskikh rabot.* Leningrad, 1967. 28 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya "Ekonomika i planirovaniye proizvodstva").

Building oil fields and plants, M. A. Abasov and others, *Azerb. nef. khoz.* 46 no 11 45-48 N '67.

The Krasnoluchugol Trust improves the use of capital assets, P. S. Ermaichenko, V. N. Sukhov, *Ugol'* 43 no 12 25-28 Ja '68

Proper painting of industrial installations, V. Mangararov, *Prom. Arm.* 9 no 9 58-60 '66

Trade by means of production! A. Bliman, *Met.-tekhn. svyazh.* 2 no 11 21-30 N '67.

658.2(471) 67—Dagestan A. S. S. R.

Introducing the new and improving the operating equipment is an important factor in the growth of labor productivity A. P. V. Chernits, *Probl. raz. ekon. Dag.* no 3 83-101 '65

658.2(477)—Ukrainian S. S. R.

A year of issuing credit for equipment R. Keshiman, *IA. Sobral'skiy Fin. SSSR* 11 no 12 55-56 D '67

658.3 PERSONNEL HUMAN RELATIONS

Experience in raising the technical level of efficiency promoters in the Avtozemnash Plant in Odessa, V. I. Dolgii, S. M. Vainshteyn, *Khim. i nef. mashinosti.* no 12 43-44 D '67.

Five-day work for a railroad sector R. V. Rysenko, V. I. Surger, *Zhel. dor. transp.* 19 no 9 39-41 S '67.

From Communist subbotniks to the movement for communist labor I. I. Maksimov, *Zhel. dor. transp.* 19 no 6 6-13 Ja '67

Give more attention to the improvement of the quality of personnel, N. F. Dantlov, *Khich. i kond. prom.* 11 no 11 23-26 N '67.

The glorious path of the "Dzerzhinskaya" plant I. G. Filonov, V. A. Popuga, *Met. i gornorud. prom.* no 5 13-16 S-O '67

Hold the course, comrade miners! *Sov. shakht.* 16 no 5 1-2 My '67

Improving the level of professional technical workers, E. V. Chernikh, *Met. i gornorud. prom.* no 5 90-91 S-O '67.

Investigating rates of floating of the welding aerosol particles in arc welding, N. I. Mosolov, M. Z. Braude, *Svar. prom.* no 1 15-16 Ja '68

The jubilee roll call of steelworkers, A. I. Delavov, *Met. i gornorud. prom.* no 5 92-94 S-O '67.

More metal for our beloved country, V. O. Kulikov, *Met. i gornorud. prom.* no 5 17-21 S-O '67

1 684 m of workings in a month with the PK-3M cutter-loader at the "Polysskaya-23" Mine G. A. Kolomin, *Ugol'* 43 no 1 36-38 Ja '68

Our gold stock, *Sov. shakht.* 16 no 12 1-2 D '67.

Pipe rolling mill workers kept their word, *Met. i gornorud. prom.* no 5 28 S-O '67

Plant of the revolutionary glory, K. I. Kotov, N. I. Beda, I. N. Knyshov, *Met. i gornorud. prom.* no 5 7-12 S-O '67.

Problems of labor law and the scientific organization of work in industrial enterprises O. V. Smirnov, *Sov. gos. i pravo* no 1 58-66 Ja '68

Proposals toward revision of the "Safety Regulations in Coal and Shale Mines" I. A. Babokin, *Ugol'* 43 no 1 8-13 Ja '68

Schools for the study of scientific organization of labor, N. Zakhinskii, *Prof.-tekhn. obr.* 24 no 11 30-31 N '67

Scientific organization of work plans for loading and unloading operations A. Blidman, *Rech. transp.* 26 no 11 50 '67

Thoughts before the Congress, S. Antikuz, M. Antonenkov, E. Zaitov, *Sov. shakht.* 16 no 12 3-6 D '67.

The word was for the Komsomol V. V. Leporskiy, *Met. i gornorud. prom.* no 5 33-38 S-O '67.

658.3(471) 66—Chechen-Ingush A. S. S. R.

Servicing petroleum workers in an exemplary manner, K. Vinnik, *Neftianik* 8 no 7 24 Ja '63

658.3(474) 3—Latvian S. S. R.

Timermanis, E. A., [Practice in scientific organization of labor at the "Sarkanais Metalurgs" Plant in Liepaya, scientific organization of labor] *Opyt nauchnoi organizatsii truda na Liepayskom metalurgicheskom zavode "Sarkanais metalurgs"*, nauchnaia organizatsiia truda, Riga, 1966. 11 p. (Listok tekhnicheskoi informatsii).

658.5 PRODUCTION MANAGEMENT AND CONTROL

According to the new system! *Sov. shakht.* 16 no 6 1 Je '67

Aesthetics and production go together, S. Pevzner, *Metallurg* 13 no 1 34-35 Ja '68

Along the combined flow sheet, *Sov. shakht.* 16 no 12 9-11 D '67.

Analytic method of calculating factors influencing the length of time for building an open-pit mine, N. P. Chaiko, V. I. Gorunov, V. S. Zavalishin, *Trudy Inst. gornogo dela Kazakh. SSR* 28 98-111 '67.

Analyzing results of rapid driftings in horizontal workings at the Dzherkargan K. I. Saipov Mining and Metallurgical Combine, V. Sh. Shaipov and others, *Trudy Inst. gornogo dela Kazakh. SSR* 29 95-101 '67

At the conference on scientific organization of labor, V. P. Pashikh, *Khich. i kond. prom.* 11 no 11 43-44 N '67.

Automatic measurement of the relief of filler materials in blast furnaces V. A. Vorob'ev, *Stal'* 27 no 12 1076 D '67

Dabenko, A. S., [Dispatching service in agriculture] *Dispetcher'skaya sluzhba v sel'skom khoziaistve* Moskva, "Kolos," 1967. 151 p.

Basic trends of the placement of plant industries and of the assimilation of plant resources, A. M. Matveev, A. S. Olenin, *Leif. prom.* 13 no 1 3-9 '66.

Beauty is a pledge of health V. Kireukov, *Metallurg* 13 no 1 35-37 Ja '68

Berkolaito, Z. M., and others, [Economic problems and ways to reduce costs in the construction of deep wells in the fields of Azerbaijan] *Voprosy ekonomiki i puti snizheniya sebestoimosti skvazhin' stva glubokikh skvazhin na ploshchadakh Azerbaidzhana.* Baku, Azer. neshir, 1965. 19 p.

By the results of socialist competition during the second quarter of 1966, *Shv. i prom.* no 5 37 S-O '66

Certain problems of the technical progress at the Solovka and Subay Mining and Ore Dressing Combine, Z. N. Goldman, *Trudy Inst. gornogo dela Kazakh SSR* 28 92-97 '67.

Chairman of the commission on quality has the floor, *Sel' stoi* 18 no 12 3 D '63

Change of the relative cost and the amount of labor consumed for rock transportation at the Komsomolsk Mine depending on the depth of an open-pit mine B. Zh. Kulzhinov, V. S. Zavalishin, E. V. Nedlin, *Trudy Inst. gornogo dela Kazakh SSR* 28 50-57 '67

Change of transportation cost per 1 m³ of rock depending on the use of the capacity of electric locomotives in hoisting, B. Kh. Il'supchikov, *Trudy Inst. gornogo dela Kazakh SSR* 28 37-43 '67

Changing the petroleum production combines of the Ukraine over to the new conditions of planning and economic stimulation, A. G. Frolov, *Neft. i gaz. prom.* no 6 28-38 N-D '67.

Checked by experience, A. Medvedeva, *Stand. i kach.* 31 no 9 81-82 S '67

Child of the first five-year plan, A. A. Shvedchenko, *Met. i gornorud. prom.* no 5 38-41 S-O '67

Determining maximal labor productivity of open-pit mines by the method of linear programming A. N. Dzhalup-liev, B. Kh. Il'supchikov, *Trudy Inst. gornogo dela Kazakh. SSR* 28 86-91 '67.

Developing the gas industry and increasing the labor productivity of the community A. D. Brumt, *Gaz. prom.* 12 no 10 18-21 O '67

Development of a timetable for planned preventive equipment repairs, M. B. Litvin, *Ryb. khoz.* 41 no 1 75-77 '68

Development of the methods of experimental design in the USSR, F. V. Markova, I. P. Adler, G. B. Preobrazhenskaya, *Zav. lab.* 33 no 10 1300-1304 '67.

Development of the overall mechanization of working face processes in mines and open-pit mines, V. Sh. Shuipov, *Trudy Inst. gornogo dela Kazakh SSR* 29 3-11 '67

Division of production and the independence of enterprises V. Chudstov, *Ekonom. Rad.* 10 no 6 21-27 Je '67.

Economic and administrative methods of management, E. Liberman, Z. Zhitenitskii, *Plan. khoz.* 44 no 1 19-28 Ja '68.

Economic evaluation of quality of interchangeable means of production, K. G. Gofman, *Stand. i kach.* 31 no 9 48-50 S '67.

Economic reform in action I. I. Atefiev, *Form. i split. prom.* 31 no 8 2-4 '67

The economic reform in the automobile transport of the Russian Federation M. Nishchik, *Vest. stat.* no 11 45-50 '67

Effectiveness of the reorganization, A. I. Zhukov, *Met. i gornorud. prom.* no 5 21-25 S-O '67

Efficiency of the organization of operations in flow-mined longwalls in mines of the Shakhtratskiy Trust N. I. Svyatoslov, *Ugol'* 43 no 1 18-21 Ja '68

Engineering and commercial analysis as a method of evaluating the degree of production usefulness, V. A. Lukovenko, I. B. Sul'pov, *Stand. i kach.* 31 no 9 51-52 S '67.

Engineering and psychological evaluation of the quality of technical products, L. N. Al'perin, *Stand. i kach.* 31 no 9 32-34 S '67.

Experience in international standardization of the reference preparation gramicidin, L. M. Akobson and others, *Antibiotiki* 12 no 9 822-828 S '67.

A follow-up to our statements, *Stand. i kach.* 31 no 9 67-68 S '67.

Gonkin, B. M., [Calculating the optimum systems of the maintenance of equipment and work areas] *Raschet optimal'nykh sistem obsluzhivaniya oborudovaniya i rabochikh mest.* Leningrad, 1967. 31 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriya "Ekonomika i planirovaniye proizvodstva").

The "Gigant" Mine is the leading enterprise of Krivoy, Rog Basin, V. M. Soiskii, E. V. Belen'kii, V. I. Shmalii, *Met. i gornorud. prom.* no 5 62-66 S-O '67.

If discards were tolerated, N. Budnikov, *Sov. shakht.* 16 no 6 25 Je '67.

658 7 (Continued)

Supply coal regularly to the national economy. I. Uliyanov, Mat.-tekh, snabzh, 2 no. 11-31-38 N '67.
Supply procurement with computers and managerial equipment. V. Iagutkin, Mat.-tekh, snabzh, no. 10 41-51 '67.
The supply system of materials and equipment during the postwar years, from the history of the supply of materials and equipment in the U.S.S.R. N. Fasilak, Mat.-tekh, snabzh, no. 10:66-76 '67.
There is a lot of important and complicated work ahead. L. Gorelik, Mat.-tekh, snabzh, 2 no. 11,73-76 N '67.
Toward new achievements in the third year of the five-year plan. Mat.-tekh, snabzh, 2 no. 12:4-4 D '67.
Working capital in the supply system of materials and equipment. I. Ratner, Mat.-tekh, snabzh, 2 no. 12 39-45 D '67.

658 7(471 531)—Komi-Permyak National District

Centralized procurement in an economic region. S. Shentman, Mat.-tekh, snabzh, 2 no. 12:60-63 D '67.

658 7(471 6)—Northern Caucasus

First steps of the work of a new department. A. Buklanov, Mat.-tekh, snabzh, 2 no. 12:63-67 D '67.

658 7(471 61)—Rostov Province

The procurement department of a plant works on a business accounting basis. G. Savchenko, Mat.-tekh, snabzh, 2 no. 11 81 N '67.

658 7(477)—Ukrainian S.S.R.

Current supply problems of enterprises in the Ukraine. V. Tyshchuk, Mat.-tekh, snabzh, no. 10,77-81 '67.
Supply of materials and equipment under the new conditions. V. Soloviyenko, S. Olshyn, Eksp. Rad. Ukr. 10 no. 6 33-41 Ju '67.

658 7(479 22)—Georgian S.S.R.

They are true to their pledges. I. U. Bagriyanov, Mat.-tekh, snabzh, no. 10:91 '67.

658 7(571 17)—Kemerovo Province

Bring order to the distribution of materials. A. Makarov, A. Alekseev, Mat.-tekh, snabzh, 2 no. 11 87 N '67.

658 7(571 51)—Krasnoyarsk Territory

Among Krasnoyarsk procurement agents. Mat.-tekh, snabzh, no. 10,87 '67.

658 7(571 63)—Maritime Territory

"Onion trouble." B. Litmont, Zakup, sel'khoz, prod. no. 1 16 Ja '67.

658 8 MARKETING SELLING DISTRIBUTION

Direct business ties in machinery manufacturing enterprises. S. Avdeev, Mat.-tekh, snabzh, 2 no. 11:54-62 N '67.

Direct ties of industry with trade and their economic efficiency. L. Pospelova, Vest. Mosk. un. Ser. 7 Ek. 22 no. 6 49-51 N-D '67.

The new state purchasing prices, and the guaranteed prices for collective farmers. V. Elemenko, Zakup, sel'khoz, prod. no. 1 30-31 Ja '67.

Standard contracts covering agreement to deliver farm produce should be amended and specified. V. Ostapenko, S. Lyopovitskiy, Rad. pravo 30 no. 11 45-48 N '67.

Subjects of contracts for the delivery of farm produce. T. S. Bychkova, Rad. pravo 30 no. 11 48-51 N '67.

658, 8(471 326)—Tambov Province

Three generations. V. Nikulin, Zakup, sel'khoz, prod. no. 1 17-20 Ja '67.

659 PUBLICITY INFORMATION

Branch seminar of information workers. Sudostroyenie 57 no. 11 111 N '67.

Trends of the development of industrial design abroad. V. Glazyshev, Tekhn. est. 3 no. 1 17-21 Ap '66.

659(477)—Ukrainian S.S.R.

"Story about the cheap milk." K. Vinnik, Zakup, sel'khoz, prod. no. 1 62-63 Ja '67.

659(73)—United States of America

Main sources of information on the U.S.A. economy. V. Kuznetsov, Vest. Mosk. un. Ser. 7 Ek. 22 no. 6 79-83 N-D '67.

66 CHEMICAL INDUSTRY CHEMICAL TECHNOLOGY

[Heat and mass exchange in chemical technology] Teplo- i massoobmen v khimicheskoi tekhnologii [Kiev, Naukova dumka, 1967] 158 p. (Respublikanskii mezhvedomstvennyi sbornik. Teplofizika Teploekhnika).

The oldest enterprise of Russia. I. R. Barbotin, Plast. massy no. 11 71-75 '67.

Problems of improving the efficiency indices of social production. L. Kozlov, V. Rubtsov, N. Telchukhin, Vop. ekon. no. 11 56-61 N '67.

Purification of waste waters from the production of organophosphorus poisonous chemicals. B. A. Libman, N. Sh. Gura, Zhur. VkhO 12 no. 6 651-656 '67.

Sanitary aspects of the protection of reservoirs from chemical contamination. S. N. Chukinskii, Zhur. VkhO 12 no. 6 607-611 '67.

[Technical analysis] Tekhnicheskii analiz. Moskva, "Vyssh. shkola," 1967 414 p.

66(431)—German Democratic Republic

We are building socialism. W. Oertelt, Neftianik 12 no. 11 32-33 N '67.

66(437)—Czechoslovakia

Our friendship is eternal and indissoluble. J. Sediv, Neftianik 12 no. 11 15 N '67.

66(439)—Hungary

Together with the Soviet people we travel the road of the Great October Revolution. S. Szilagyi, Neftianik 12 no. 11 12 N '67.

66(471 55)—Chelyabinsk Province

Creative work at the Kusa Chemical Plant. M. S. Vaidman, Plast. massy no. 11 77-78 '67.

66(477)—Ukrainian S.S.R.

Experience in raising the technical level of efficiency promoters in the Avtochemash Plant in Odessa. V. I. Bolgin, S. M. Vainstein, Khim. i nef. mashinost. no. 12 33-41 D '67.

Ties between the institutions of the Department of Chemistry and Chemical Technology of the Academy of Sciences of the Ukrainian S.S.R. and the enterprises of the Ministry of Chemical Industry of the Ukrainian S.S.R. Dop. AN URSR Ser. B 29 no. 10 951-953 O '67.

66(479 24)—Azerbaijan S.S.R.

Petroleum refining, petrochemical, and chemical industries in Azerbaijan during the past 50 years. R. G. Ismailov and others, Azerb. nef. khoz. 46 no. 11 31-31 N '67.

66 0 CHEMICAL ENGINEERING

Advanced technology of the building of chemical and petroleum apparatus. I. U. V. Shukhov, D. T. Loganov, E. V. Naukrug, Khim. i nef. mashinost. no. 12 12-42 D '67.

Analysis of the conditions of drawing off fuel oil from the rectification column. P. S. Tyganov, Term. i sprit. prom. 31 no. 8 5-12 '65.

A combined unit for the drying of drug preparations in a fluidized bed. L. G. Golubev, K. S. Chukchelev, Khim.-farm. zhur. 1 no. 8 58-60 Ag '67.

Comparative studies of thermal and radiation-initiated thermal cracking of a gas oil fraction. K. P. Lavrovskii and others, Neftkhimika 7 no. 4 580-585 Ji-Ag '67.

Complex treatment of table salt. Part 6: Decomposition of apatite concentrate by ammonium bisulfate with an increased amount of acid and the determination of optimum conditions for filtration and washing of slime liquor. G. O. Gargorian and others, Arm. khim. zhur. 20 no. 2 157-163 '67.

Deaeration for coke ovens. S. I. Kafian, K. G. Kal'hanov, Koks i khim. no. 7 25-26 '67.

Electrochemical method for the study of protective properties of varnishes used in canning. I. L. Rozenfeld, E. D. Lashchevskaya, F. I. Rubinstein, Tekhn. i khim. prom. no. 5 76-80 '67.

Establishing technological conditions for the head column of rectification plants. M. K. Gorylov, V. L. Volkov, Koks i khim. no. 7 35-36 '67.

Evaluation of interdiffusion kinetics by means of an electronic digital computer. I. U. A. Sokolinskii, Kin. i kat. 8 no. 1 878-886 '67.

Experience in introducing the plant for sulfur removal. K. T. Steblin and others, Koks i khim. no. 7 36-39 '67.

Features of butadiene and isoprene copolymerization under the effect of coordination systems. I. N. Smirnova, V. A. Krop, B. A. Dolgoplov, Dokl. AN SSSR 177 no. 3 647-650 N '67.

Head and efficiency of turbine mixers. N. I. Gol'perin, V. L. Pebalk, V. M. Mishov, Khim. i nef. mashinost. no. 12:23-26 D '67.

Heterogeneous-catalytic hydropolymerization of ethylene initiated by carbon monoxide at temperature below 100° C. N. I. Elidze, I. A. T. Elidze, V. R. Erokhina, Dokl. AN SSSR 177 no. 6 1345-1347 D '67.

Hydrodynamics of the process of oil extraction in a field of pulsation vibrations. M. I. Nizakov, Z. Salimov, Uzb. khim. zhur. 11 no. 6 79-80 '67.

Improvement of evaporating equipment in the manufacture of ammonium nitrate. M. E. Ivanov, I. A. I. Kabanov, Uzb. khim. zhur. 11 no. 1 69-73 '67.

Investigating heat exchange during the boiling of solutions in a vertical pipe under the conditions of constrained motion. L. A. Leont'eva, V. A. Gal'tsov, Khim. i nef. mashinost. no. 12,29-31 D '67.

Kinetic parameters of the electrocatalytic reduction of nitrobenzene: acid and the nature of cathode materials. N. I. Khamutov, K. Sh. Manasirova, Zhur. VkhO 12 no. 6 707-710 '67.

Mass transfer in an absorber with packed fluidized bed. I. P. Levsh and others, Uzb. khim. zhur. 11 no. 6 70-72 '67.

Method for calculating the process of fractionation of continuous blends. V. I. Astakhov, E. V. Vsevolodov, D. D. Zikov, Izv. vys. ucheb. zav. i nef. i gaz. 10 no. 6 66-68 '67.

Methodology of studying gas condensate pools when exploiting them with the use of a two-stage gas treating system in the field. A. I. Gutsenko, O. I. Khudakov, V. V. Iushkin, Gaz. delo no. 12 8-11 '67.

Most advantageous pressure drop distribution in a gas gathering network of variable diameter. V. G. Polozkov, L. E. Gavrilov, Gaz. delo no. 12 11-13 '67.

Nature of anomalies in the filtration of liquids. N. F. Bondarenko, Dokl. AN SSSR 177 no. 2 363-366 N '67.

Polymerization of ethylene by catalytic systems based on pyridine complexes of high-valence vanadium compounds. A. D. Pomogailo and others, Dokl. AN SSSR 176 no. 6 1347-1350 O '67.

Possibility of initiating cis-trans isomerization by the action of X-rays. T. S. Glikman, O. V. Zabluda, L. N. Zavgorodnina, Dokl. AN SSSR 177 no. 2 387-390 N '67.

Pyrolysis of hydrocarbon stock in the presence of steam and ammonia. L. V. Talsman, M. A. Shaburov, Neftkhimika 7 no. 4 575-579 Ji-Ag '67.

Regularity in the extraction of phenols in extractors with vibrating plates. G. K. Talalaev, V. A. Ivanchenko, Koks i khim. no. 6 26-31 '67.

Regularity of the periodic process of rectification of a binary mixture in the presence of transformations of components in the liquid phase. V. V. Zyl'nikov, V. B. Kogan, Zhur. prikl. khim. 40 no. 9 2059-2061 S '67.

Removal of volatile inorganic hydrides from monosilanes by means of fraction rectification. G. G. Deviatykh, V. A. Dudarev, A. D. Zorn, Zhur. prikl. khim. 40 no. 9 1951-1955 S '67.

Retention capacity of mixer-settler extractors. N. I. Gelperin and others, Zhur. VkhO 12 no. 6 70-72 '67.

Service life of refractories in coke ovens. G. M. Vol'fovskii, Koks i khim. no. 6 10-21 '67.

Soldering heat exchangers made of Khl8NiOT steel. R. V. Savichev, S. G. Kulik, Sva. proizv. no. 1 34-35 Ja '68.

Stabilization of low pressure polyethylene with resins obtained by hydrogenolysis of lignin. V. E. Bronovitskii, A. Sharipdzhinov, Uzb. khim. zhur. 11 no. 6 76-78 '67.

Studying the heat exchange and hydraulic resistance of a surface with longitudinal ribbing. V. V. Ostapov, V. A. Kirpikov, L. S. Oganesian, Khim. i nef. mashinost. no. 12,27-29 D '67.

Synthesis of diesters and monoesters of itaconic acid. M. A. Akkarov, L. N. Semanova, Uzb. khim. zhur. 11 no. 6 12-13 '67.

Tanks for the storage and transportation of liquid oxygen and nitrogen. M. G. Gaganov and others, Khim. i nef. mashinost. no. 12:12-15 D '67.

Technique of calibrating shells of increased precision for the bodies of heat exchange apparatus. I. U. I. Berliner, E. A. Kulikov, Khim. i nef. mashinost. no. 12:33-35 D '67.

Use of sulfuric acid labeled coke in studying a fluidized bed. B. V. Erofeev, O. V. Egizarov, Vest. AN BSSR, Ser. khim. nav. no. 1 9-12 '67.

Washing of precipitates with a displacement of mother liquor by means of a washing liquid. S. B. Badaljan, S. O. Nalchadzhian, Arm. khim. zhur. 20 no. 2 149-156 '67.

66, 0(471 53)—Perm Province

Romashov, A. P. [Named after Sergo Ordzhonikidze; Perm Chemical Plant named after Sergo Ordzhonikidze is 50 years old.] Imeni Sergo Ordzhonikidze: Permskomu khimicheskomu zavodu imeni Sergo Ordzhonikidze 50 let. [Perm'] Permskoe kn. izd. 1966. 157 p.

66 0(471 66)—Chechen-Ingush A.S.S.R.

Technical progress in the Groznyy Chemical Combine. A. P. Litvin, Neftep. i neftekhim. nos. 10/11 63-68 '67.

66 06 WORKING WITH LIQUIDS: HANDLING, TREATMENT

Effect of wetting and cooling of an extract solution on the quantity and quality of separated hydrocarbons. B. A. Sobolev, Neftep. i neftekhim. nos. 9-4-7 '67.

Extraction of rhodium (III) from hydrochloric acid solutions by means of a primary amine. V. F. Boibat, E. F. Kouba, TSvet. met. 40 no. 12 33-34 D '67.

Leychenko, D. N., and others. [Emulsions of petroleum with water and methods of their breakdown.] Emul'sii nefli s vodoi i metody ikh razrusheniia. Moskva, "Khimiia," 1967. 199 p.

- Hydroscopicity of aluminum fluoride. G. N. Bogachev, I. U. G. Miasnikov, Tsvet. met. 40 no. 12 31-32 D '67.
- Interaction between tungsten oxychlorides and the chlorides of accompanying impurities. B. G. Korshunov, V. N. Bezvezskaya, Izv. vuz. ucheb. zav., tsvet. met. 10 no. 5 105-108 '67.
- Interaction of cobalt ferrite with melts based on bismuth trioxide. L. M. Viting, B. N. Golubova, G. P. Gorbovskaya, Vest. Mosk. un. Ser. 2 Khim. 22 no. 6 89-91 N-D '67.
- Kinetics of nickel carbonyl synthesis at high pressures. A. I. Kipras, N. F. Mikhailova, A. I. Ravdel', Kin. i tsvet. 8 no. 4 803-807 '67.
- Lead sulfide sensitization of photochemical reactions in solutions. L. V. Patanina, V. V. Sviridov, Vest. AN BSSR Ser. Khim. nav. no. 132-37 '67.
- Mechanism of decomposing aluminate solutions in the process of desulfurizing. I. Z. Povzner, A. I. Lainer, O. I. Arakchian, Izv. vuz. ucheb. zav., tsvet. met. 10 no. 5 70-75 '67.
- Mechanism of magnesium refining by titanium-containing materials. A. F. Vikharov and others, Izv. vuz. ucheb. zav., tsvet. met. 10 no. 5 80-85 '67.
- Natural pigments. G. G. Gurevich, B. Kankanian, Prom. Aiz. 9 no. 9 20-24 '66.
- Physical properties of niobium nitride and tantalum nitride. T. S. Verkhoglyadova and others, Izv. vuz. ucheb. zav., fiz. 10 no. 8 31-31 '67.
- Possibility of calculating changes in the plasticity of solid solutions in connection with temperature and composition. A. A. Presmakov, Trudy Inst. fiz. AN Kazakh SSR 8 80-82 '67.
- Potentiometric study of heterogeneous reaction of zinc with alkaline solution. I. A. V. Mishin, N. A. Parpiv, Uzb. khim. zhur. 11 no. 6 58-60 '67.
- Electrochemical study of oxidation of heavy metal sulfides. Report 1. G. A. Songina, F. S. Bekmukhametova, Izv. AN Kazakh SSR, Ser. Khim. 17 no. 1 15-22 '67.
- Producing basic zinc sulfide from hydrazine. V. V. Pavlova, A. I. Lainer, M. A. Kolenkova, Izv. vuz. ucheb. zav., tsvet. met. 10 no. 5 108-112 '67.
- Study of vanadyl chloride hydrolysis by means of infrared spectrophotometry. Report 2. E. A. Kopylova, N. N. Ruban, V. D. Ponomarev, Izv. AN Kazakh SSR, Ser. Khim. 17 no. 1 3-9 '67.
- Thermal behavior of pyrite in vacuum. R. A. Isakova and others, Trudy Inst. met. i obog. AN Kazakh SSR 26 45-56 '67.
- Thermal stability of nonstoichiometric nickel sulfides. M. M. Pavliuchenko, G. I. Samal', Vest. AN BSSR Ser. Khim. nav. no. 117-22 '67.
- Thermodynamic characteristics of medium tungstates of the titanium subgroup elements. V. M. Amosov, V. I. Plushchev, Izv. vuz. ucheb. zav., tsvet. met. 10 no. 5 97-104 '67.
- 661 9 VARIOUS INDUSTRIAL GASES**
- Analyzing line diagrams of large plants for the production of oxygen and pure nitrogen. G. B. Narinskii, Khim. i nef. mashinostr. no. 12:4-8 D '67.
- Corrosion properties of 1Kh18N9T steel joints welded in CO₂. V. V. Roshchin, G. N. Gusev, G. I. Agapov, Svar. prozv. no. 1 26-28 Ja '68.
- Diagram "enthalpy-entropy" of gaseous carbon dioxide up to 1000° C and 200 bar pressure. I. A. Masalov, Teploenergetika 13 no. 12 83-84 D '66.
- Effect of the gas-dynamics impact arising during the rupture of the bridge of electrode material in carbon dioxide welding. A. I. Akulov, M. I. Kiselev, V. V. Spitsyn, Svar. prozv. no. 12:18-20 D '67.
- Equipment for CO₂ welding of pivot axes with flanges of the back axle of a ZIL-130 car. B. P. Peregodin, Svar. prozv. no. 1 36-10 Ja '68.
- Increasing the economic efficiency of stands for welding in carbon dioxide. D. M. Pogrebinskii, Svar. prozv. no. 1 35-36 Ja '68.
- Industrial oxygen and nitrogen plants. I. S. Guzman, Khim. i nef. mashinostr. no. 12:1-3 D '67.
- Influence of the air and nitrogen on pore formation in weld metal during CO₂ welding. N. M. Novozhilov, T. G. Kvirikadze, Svar. prozv. no. 1 42-44 Ja '68.
- The OSN-2 automatic machine for welding soldering lamp containers in carbon dioxide. A. A. Chubukov, V. K. Bielek, Svar. prozv. no. 12:46-47 D '67.
- Piston pumps for low-temperature liquefied gases. I. U. A. Miroslavskaya, Khim. i nef. mashinostr. no. 12: 8-12 D '67.
- Regulating welding currents in welding with thin wire in carbon dioxide. D. S. Kassov and others, Svar. prozv. no. 12:15-17 D '67.
- Tanks for the storage and transportation of liquid oxygen and nitrogen. M. G. Gaganer and others, Khim. i nef. mashinostr. no. 12:12-15 D '67.
- Use of carbon dioxide in underwater welding. N. M. Madatov, Svar. prozv. no. 12:12-15 D '67.
- Welding and surface hardening in water vapor. L. S. Sapozhnikov, Svar. prozv. no. 12:41-42 D '67.
- Welding screens of mercury-arc converters in carbon dioxide. L. I. Chugunov, A. A. Eliseeva, Svar. prozv. no. 12:43-44 D '67.
- 662 2 HIGH EXPLOSIVES**
- Automatic control of a summary concentration of aromatic hydrocarbons in a flow of catalytic reforming benzines. V. S. Pavlova and others, Zhur. prikl. spekt. 7 no. 6: 928-931 D '67.
- Dependence of the value of chemical losses on the size of the charge. G. G. Rompe, Fiz. got. i vzryva 3 no. 2 211-215 Je '67.
- Destruction of meteoric bodies in the atmosphere. I. U. L. Gaidenko, Fiz. got. i vzryva 3 no. 2 276-280 Je '67.
- Determining the collision parameters of flat bodies propelled by explosives in the case of explosive welding. A. A. Derbas and others, Fiz. got. i vzryva 3 no. 2: 291-298 Je '67.
- Determining the parameters of shock waves in a substance preserved in cylindrical ampoules. G. A. Adadunov and others, Fiz. got. i vzryva 3 no. 2 281-285 Je '67.
- Dynamic conditions for a thermal explosion. Part 5. Experimental determination method of the critical conditions for the thermal explosion of self-accelerating reactions at reduced induction periods. A. G. Mezhnikov, A. G. Stumina, V. G. Abramov, Fiz. got. i vzryva 3 no. 2 242-247 Je '67.
- Effect of the material and thickness of the casing on the detonation velocity of ammonium perchlorate and hexogen mixture. L. N. Akimova, A. I. Aplan, Fiz. got. i vzryva 3 no. 2: 217-202 Je '67.
- Equations for the determination of normal flame velocity in a spherical constant volume bomb. V. S. Balkin, I. U. G. Kononov, Fiz. got. i vzryva 3 no. 2 258-275 Je '67.
- The explosion effect of a sheet-type charge explosive on an aluminum plate. F. V. Menteshov and others, Fiz. got. i vzryva 3 no. 2: 286-290 Je '67.
- Some results in studying the ignition of acetylene-air mixtures by heated particles. N. A. Bolkov, P. S. Zvezdin, L. B. Reznik, Fiz. got. i vzryva 3 no. 2: 275-280 Je '67.
- Studying the distribution and interaction of triple shock configurations in liquid explosives. S. N. Buravova, A. N. Dremlo, V. V. Yakushev, Fiz. got. i vzryva 3 no. 2 188-196 Je '67.
- 662 3 PROPELLANT (BALLISTIC) POWDERS GUNPOWDERS**
- Combustion and extinction of the gunpowders under fast decrease of pressure. V. N. Marshanov, O. L. Lypunskii, Fiz. got. i vzryva 3 no. 2 231-235 Je '67.
- Nonlinear fluctuations of the combustion rate of gunpowder. B. V. Novozhilov, PMTF no. 5: 31-41 S-O '66.
- Stability of gunpowder combustion in a semi-closed space. S. D. Grishin, I. L. Pudynkov, Fiz. got. i vzryva 3 no. 2 225-230 Je '67.
- 662 4 PRIMARY EXPLOSIVES DETONATORS**
- Effect of the additions of organic semiconductors on the thermal decomposition of barium azide. V. F. Komarov and others, Zhur. VKhO 12 no. 6 695-696 '67.
- Isentropic expansion of hexogen detonation products. N. M. Kuznetsov, K. K. Shvedov, Fiz. got. i vzryva 3 no. 2: 203-210 Je '67.
- 662 6 FUELS. COMBUSTION. HEAT ECONOMY**
- [Chemistry and classification of coals] Khimika i klassifikatsiya iskopayemykh uglei Moskva, "Nauka," 1966, 188 p.
- Determination of mechanical incomplete combustion of mazut. A. K. Vukov and others, Teploenergetika 11 no. 9 44-47 S '66.
- Fast, dependable, effective... V. Kovalenko, Tyl. i snab. Sov. Voor. Sil. 28 no. 12 87-88 D '67.
- Formation of nitrogen compounds in the thermal decomposition of fuel. Involvement of readily hydrolyzable components in the formation of nitrogen compounds in thermal decomposition of peat. Part 5. Vest. AN BSSR, Ser. Khim. nav. no. 1: 81-88 '67.
- Gas industry on the eve of the 50th anniversary of the Great October Revolution. A. K. Kortunov, Gaz. prom. 12 no. 10 1-4 O '67.
- Gasification of dispersed carbon in hydrocarbon diffusion flames. Part 3. Flames of acetylene-hydrogen and acetylene-water vapor mixtures. P. A. Tesner, A. M. Tsybul'skii, Fiz. got. i vzryva 3 no. 2: 261-267 Je '67.
- Great responsibilities. G. Onishchenko, Tyl. i snab. Sov. Voor. Sil. 27 no. 6: 36-37 Je '67.
- Ignition of powdered fuels behind the shock waves. A. A. Borisov and others, Fiz. got. i vzryva 3 no. 2 308-309 Je '67.
- Improving the technology of smelting converter pig iron. I. G. Sagaidak and others, Metallurg 13 no. 1 5-8 Ja '68.
- Jet fuel from the petroleum fields in Chernigov Province. A. S. Zhurba and others, Nef. i gaz. prom. no. 4: 38-39 Ji-Ag '67.
- Landmarks in fuel supply service. V. Nikitin, Tyl. i snab. Sov. Voor. Sil. 27 no. 6: 13-17 Je '67.
- Physical and chemical properties of coals from the Bereznovo deposit. L. I. Matveeva, I. I. Kleimenova, Teploenergetika 13 no. 9: 47-50 S '66.
- Protecting fuel from moisture. P. I. Ionko, Vest. protivovozd. obr. no. 12 61-63 D '67.
- Separation of the fluidized part from the plastic mass of coals. I. U. V. Biriukov, Koks i khim. no. 6: 12-18 '67.
- Steam vapor systems operating on raw peat. S. Kh. Gelfendin, Energomashinostr. 13 no. 12 27-29 D '67.
- Study of the dynamics of steam boiler heating by natural gas burning. A. I. Tsenzura, B. A. Cremenko, Trudy TSINS no. 11 172-181 '63.
- Supply coal regularly to the national economy. I. Ullmanov, Mat.-tekhn. snabzh. 2 no. 11: 31-38 N '67.
- 662 6(471 63)—Stavropol Territory**
- Natural gas goes to the village. M. Shulenin, Sci. etiol. 18 no. 2 8 F '61.
- 662 6(477)—Ukrainian S. S. R.**
- Problems of the fuel balance of the Ukrainian S. S. R. M. Zharov, Eksp. Rad. Ukr. 10 no. 6 45-51 Je '67.
- 662 6(481)—Norway**
- Composition of the coal ash of some regions of western Spitsbergen. A. V. Pavlov, Uch. zap. NII G. Reg. geol. no. 8 128-136 '66.
- 662 7 THERMALLY OR CHEMICALLY PRODUCED FUELS**
- Applicability of the existing methods for determining the acidity of the distillates of diesel fuels and kerosenes. I. R. Gutman, V. M. Mil'man, A. I. Vladimirovskaya, Nefteprod. i neftekhim. no. 9: 43-44 '67.
- Automatic control of the heat equivalent of gas mixture provided for heating. M. V. Luv'e, Koks i khim. no. 7 20-23 '67.
- Certain problems of the economy of by-product coke industry. V. A. Leites, V. A. Borodina, Koks i khim. no. 6: 15-19 '67.
- Changes in thermoplastic properties of coals as a result of heating and drying of the charge before coking. V. N. Dukhan, N. S. Gerasimov, Koks i khim. no. 7 6-12 '67.
- Cleaning of pyridine sulfate from resinous substances. I. A. Mykolnikov, Koks i khim. no. 6 10-42 '67.
- Content and composition of organic sulfur in coke-oven gas. K. P. Medvedev and others, Koks i khim. no. 7 26-30 '67.
- Deashing distillation residues for the purpose of their qualified utilization. I. E. Painskii, V. Z. Sokolov, Koks i khim. no. 5 36-10 '67.
- Determining the composition of phenol products by the method of gas-liquid chromatography. M. E. Netmark and others, Koks i khim. no. 7 42-45 '67.
- Effect of changes in the composition of coal mixtures on indices of the viscosity of the plastic state and the strength of coke. I. U. A. Chernyshev, F. Z. Elenskiy, V. I. Donkov, Koks i khim. no. 6: 8-12 '67.
- Establishing technological conditions for the head column of rectification plants. M. K. Gerasimov, V. L. Volkov, Koks i khim. no. 7 35-36 '67.
- Experience in introducing the plant for sulfur removal. K. T. Steblin and others, Koks i khim. no. 7: 36-39 '67.
- Give high-quality fuel to blast furnaces. A. S. Bruk, Met. i gornorud. prom. no. 5: 86-87 S-O '67.
- Interaction of humic acids and peats with metal chlorides studied by means of infrared spectroscopy. P. I. Bol'shakov, L. R. Chistova, E. A. Il'yukovich, Vest. AN BSSR, Ser. Khim. nav. no. 3 42-45 '67.
- Investigating a high-speed diesel engine when operated with wide-cut diesel fuels. S. M. Adamov, V. P. Alekseev, Izv. vuz. ucheb. zav., nef. i gaz. 10 no. 10 53-55 '67.
- Investigating processes of coal heating with the aid of BESM-2 computers. N. Z. Gusev and others, Koks i khim. no. 7 16-20 '67.
- Investigating thermal desorption processes in nitrogen bases from phenolate solutions. G. A. Markus, A. A. Priklad'ko, Koks i khim. no. 5: 32-36 '67.
- Investigating thermochemical properties of pyridine salts. D. S. Petrenko, L. M. Arabova, Koks i khim. no. 7: 32-34 '67.
- New developments in research. V. F. Isupov, M. V. Smetanin, G. P. Mashina, Stal' 27 no. 12: 1078 D '67.
- Obtaining fuels for gas turbine units by the destructive distillation of heavy paraffin oil. N. I. Rudakova, B. K. Sheremet, Z. N. Drimalik, Nef. i gaz. prom. no. 5: 43-45 '67.
- Operational characteristics of the moving drive on coke industry machinery. L. A. Toptygin, V. E. Novikov, S. V. Ellis, Koks i khim. no. 7 47-50 '67.
- Papers on the use of fuels, lubricants, and additives in the Seventh World Petroleum Congress. A. B. Vipper, K. K. Papok, Nefteprod. i neftekhim. no. 9: 47-49 '67.
- Phenol Plant is 50 years old. G. M. Ozerskii, P. M. Kovalenko, Koks i khim. no. 7: 50-55 '67.
- The plant of communist labor. A. Ivanenko, Met. i gornorud. prom. no. 5: 46-47 S-O '67.
- Scientific organization of work should contribute to the solution of present-day problems. Koks i khim. no. 7: 1-2 '67.
- Selecting the extractant for dephenolization of waste water of by-product coke plants. O. A. Semenova, A. L. Shleim, Koks i khim. no. 7: 46-47 '67.
- Some general laws governing dispersive composition of drops in atomization of a liquid. A. G. Blokh, S. M. Bazarov, I. U. V. Nakhman, Teploenergetika 14 no. 7 34-38 Ji '67.

662 9 (471) — Ukrainian S.S.R.
Development of the process of alcohol distillation and fractionation during the 30 years of Soviet rule and studies made in this field. V.N. Stabnikov. *Ferm. i spirt, prom.* 33 no. 8 17-20 '67.
Donetsk Liqueur and Vodka Plant. I.A. Get'man. *Ferm. i spirt, prom.* 33 no. 8 6-7 '67.
Economic reform in action. I.I. Aref'ev. *Ferm. i spirt, prom.* 33 no. 8 2-4 '67.
Fruit of *Chaenomeles japonica* (Thunb.) Lindl. as a new type of aromatic raw material for the liqueur and vodka industry. I.A. Luk's and others. *Ferm. i spirt, prom.* 31 no. 8 37-38 '65.
Heat conductivity of triple solutions from water, ethanol and methanol. S.F. Kharin, N.I. Fokhanovskii. *Ferm. i spirt, prom.* 33 no. 8 30-31 '67.
Improvement of the LSKhA malt drier at the Badaev Brewery. A.E. Aslanov, V.P. Bioniak, *Ferm. i spirt, prom.* 33 no. 8 33-39 '67.
Improvement of the organization of labor is the most important prerequisite for the increase of labor productivity in the alcohol, liqueur, and vodka industry. V.T. Popytin, L.V. Molosov. *Ferm. i spirt, prom.* 31 no. 8 30-32 '65.
Increased production of baker's yeast in distilleries processing molasses. V.G. Garbarenko, B.I. Lysechik, I.A. Orlovskii. *Ferm. i spirt, prom.* 31 no. 8 28-30 '65.

662 9 (471) — Ukrainian S.S.R.
Analysis of the conditions of drawing off fuel oil from the rectification column. P.S. Tsygankov. *Ferm. i spirt, prom.* 31 no. 8 5-12 '65.
The automatic machine for the bottling of agar media. I.U. E. Baitoshevich, A.N. Chupurnyi. *Khim. farm. zhur.* 1 no. 11 58-59 '67.

662 9 (471) — Ukrainian S.S.R.
MECHANICALLY PRODUCED (ARTIFICIAL) FUELS
Duty of the fuel in the combustion of the liquid fuels. D. T. T. *Ferm. i spirt, prom.* 33 no. 8 12-13 '67.

662 9 (471) — Ukrainian S.S.R.
FURNACE AND COMBUSTION ENGINEERING
D. T. T. *Ferm. i spirt, prom.* 33 no. 8 12-13 '67.

662 9 (471) — Ukrainian S.S.R.
FURNACE AND COMBUSTION ENGINEERING
D. T. T. *Ferm. i spirt, prom.* 33 no. 8 12-13 '67.

662 9 (471) — Ukrainian S.S.R.
FURNACE AND COMBUSTION ENGINEERING
D. T. T. *Ferm. i spirt, prom.* 33 no. 8 12-13 '67.

662 9 (471) — Ukrainian S.S.R.
FURNACE AND COMBUSTION ENGINEERING
D. T. T. *Ferm. i spirt, prom.* 33 no. 8 12-13 '67.

662 9 (471) — Ukrainian S.S.R.
FURNACE AND COMBUSTION ENGINEERING
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662 9 (471) — Ukrainian S.S.R.
FURNACE AND COMBUSTION ENGINEERING
D. T. T. *Ferm. i spirt, prom.* 33 no. 8 12-13 '67.

662 9 (471) — Ukrainian S.S.R.
FURNACE AND COMBUSTION ENGINEERING
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662 9 (471) — Ukrainian S.S.R.
FURNACE AND COMBUSTION ENGINEERING
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662 9 (471) — Ukrainian S.S.R.
FURNACE AND COMBUSTION ENGINEERING
D. T. T. *Ferm. i spirt, prom.* 33 no. 8 12-13 '67.

662 9 (471) — Ukrainian S.S.R.
FURNACE AND COMBUSTION ENGINEERING
D. T. T. *Ferm. i spirt, prom.* 33 no. 8 12-13 '67.

662 9 (471) — Ukrainian S.S.R.
FURNACE AND COMBUSTION ENGINEERING
D. T. T. *Ferm. i spirt, prom.* 33 no. 8 12-13 '67.

662 9 (471) — Ukrainian S.S.R.
FURNACE AND COMBUSTION ENGINEERING
D. T. T. *Ferm. i spirt, prom.* 33 no. 8 12-13 '67.

662 9 (471) — Ukrainian S.S.R.
FURNACE AND COMBUSTION ENGINEERING
D. T. T. *Ferm. i spirt, prom.* 33 no. 8 12-13 '67.

Denshchikov, M. T., and V. V. Rudol'f. [Practical instructions on the production of nonalcoholic beverages] *Prakticheskie soveti po proizvodstvu bezalkogol'nykh napitkov*. Moskva, "Pishechevaia prom-st", 1967 55 p.

Development of the process of alcohol distillation and fractionation during the 30 years of Soviet rule and studies made in this field. V.N. Stabnikov. *Ferm. i spirt, prom.* 33 no. 8 17-20 '67.

Donetsk Liqueur and Vodka Plant. I.A. Get'man. *Ferm. i spirt, prom.* 33 no. 8 6-7 '67.

Economic reform in action. I.I. Aref'ev. *Ferm. i spirt, prom.* 33 no. 8 2-4 '67.

Fruit of *Chaenomeles japonica* (Thunb.) Lindl. as a new type of aromatic raw material for the liqueur and vodka industry. I.A. Luk's and others. *Ferm. i spirt, prom.* 31 no. 8 37-38 '65.

Heat conductivity of triple solutions from water, ethanol and methanol. S.F. Kharin, N.I. Fokhanovskii. *Ferm. i spirt, prom.* 33 no. 8 30-31 '67.

Improvement of the LSKhA malt drier at the Badaev Brewery. A.E. Aslanov, V.P. Bioniak, *Ferm. i spirt, prom.* 33 no. 8 33-39 '67.

Improvement of the organization of labor is the most important prerequisite for the increase of labor productivity in the alcohol, liqueur, and vodka industry. V.T. Popytin, L.V. Molosov. *Ferm. i spirt, prom.* 31 no. 8 30-32 '65.

Increased production of baker's yeast in distilleries processing molasses. V.G. Garbarenko, B.I. Lysechik, I.A. Orlovskii. *Ferm. i spirt, prom.* 31 no. 8 28-30 '65.

Korjakov, Ju. I., and A. A. Loginov. [And rivers shall flow from the oceans] *Ispokut iz okeanov reki*. Moskva, Atomizdat, 1967 86 p. (Naučno-popul'naya biblioteka Atomizdat).

More on the whipping degree of ice cream. G. M. Dezent, *Khol. tekhn.* 44 no. 11 50 '67.

On standards for crude grape alcohol. A. N. Nitrofanov, *Stand. i kach.* 31 no. 9 20 '67.

Our achievements during the anniversary year. M. I. I. *Ferm. i spirt, prom.* 33 no. 8 13-14 '67.

Preservation of cocoa beans. M. I. U. S. Kuznetsov, *Kheh. i kond. prom.* 11 no. 11 15-16 '67.

Precision of the polarimetric chloride calcium method for the determination of wheat starchiness. L. L. Medvedeva. *Ferm. i spirt, prom.* 33 no. 8 21-23 '67.

Problem of distilling saline water in the U.S.S.R. G. M. Solov'ev. *Vod. i san. tekhn.* 12 13-17 '67.

Production of feed concentrate vitamin B₂ from molasses stillage. A. I. S. *Ferm. i spirt, prom.* 33 no. 8 31-34 '67.

Seminar on the mechanization of ice supply stations. *Khol. tekhn.* 41 no. 11 51-52 '67.

Spectrometric method for the determination of the quality of alcohol. E. T. Podlubnaia and others. *Ferm. i spirt, prom.* 31 no. 8 1-1 '65.

Ukrainian Scientific Research Institute of the Liqueur, and Vodka Industry. P. V. Rudol'f. *Ferm. i spirt, prom.* 33 no. 8 10-12 '67.

Wine making industry of the Ukrainian S.S.R. Luchytska. *Khar. prom.* no. 5 24-41 '67.

664 FOOD INDUSTRIES PRESERVATION
Advances in Soviet biochemistry and the application of food production. A. I. Optina. *Vopr. pit.* 10-15 S-O '64.

Conference on the automation of food industry. *Ferm. i spirt, prom.* 31 no. 8 41-12 '65.

Electrochemical method for the study of properties of vanillin used in jamming. I. I. Rozenfeld, B. D. Lashchovskii, I. I. Lashchovskii, I. I. Lashchovskii. *Ferm. i spirt, prom.* 31 no. 8 36-37 '65.

Regulation of the formation of the products of the fermentation of food products. I. I. Lashchovskii. *Ferm. i spirt, prom.* 31 no. 8 51-56 '67.

664(477) — Ukrainian S.S.R.
Canning industry of the Ukrainian S.S.R. A. I. I. *Khar. prom.* no. 5 24-41 '67.

Food industry of the Ukrainian S.S.R. in the 50 years of Soviet rule. M. M. Sanov. *Khar. prom.* no. 5 24-41 '67.

664(478) — Moldavian S.S.R.
Kravtsov, P. T. [For the national table] *Kr. i k. i. mu*. [Kishinev, Karla Moldovenianke, 1964] 54 p.

664 I SUGAR INDUSTRY
Automatic determination of moisture in fruit. A. A. Tarasimovich, *Kheh. i kond. prom.* 11 no. 11 33-35 '67.

Clarification of filtrates during the analysis of colored products. V. M. Kala, *Ferm. i spirt, prom.* 31 no. 8 12-13 '65.

Complexometric titration of products of the fermentation of sugar. V. A. T. *Ferm. i spirt, prom.* 31 no. 8 12-13 '65.

Determination of pH in products of the fermentation of sugar. T. P. K. *Ferm. i spirt, prom.* 31 no. 8 12-13 '65.

Effect of cultivation conditions on the quality of single- and double-processed sugar beets. I. I. Lashchovskii and others. *Ferm. i spirt, prom.* 31 no. 8 10-11 '64.

Effect of the storage time of beets on the activity of enzymes: the content of tricarballic, malic, lactic, and amino acids. M. Z. K. *Ferm. i spirt, prom.* 31 no. 8 12-13 '65.

Effect of the temperature factor on the quality of single-processed sugar. M. Z. K. *Ferm. i spirt, prom.* 31 no. 8 12-13 '65.

Full use of a resource for the increase of capacity of the assembly lines. A. I. V. *Ferm. i spirt, prom.* 31 no. 8 12-13 '65.

In 50 years of Soviet rule. M. A. Tomashchuk. *Ferm. i spirt, prom.* 31 no. 8 12-13 '65.

Installation for chocolate bar pouring on food. A. I. V. *Ferm. i spirt, prom.* 31 no. 8 12-13 '65.

663(471.312) — Tula Province
Tula Liqueur and Vodka Plant. N. Boltovskii. *Ferm. i spirt, prom.* 33 no. 8 7-8 '67.

663(471.326) — Tambov Province
Raaskazovo Biochemical Plant will fulfill the anniversary year plan. G. Feigenbaum, M. Zakharov. *Ferm. i spirt, prom.* 33 no. 8 15-16 '67.

663(471.61) — Rostov Province
Rostov-on-Don Liqueur and Vodka Plant. P. Berezhuk. *Ferm. i spirt, prom.* 33 no. 8 9 '67.

663(474.2) — Estonian S.S.R.
Tallinn Liqueur and Vodka Plant. I. U. Tulev. *Ferm. i spirt, prom.* 33 no. 8 10 '67.

663(474.5) — Lithuanian S.S.R.
Vilnius Wine and Vodka Plant. T. Dobrovolskii. *Ferm. i spirt, prom.* 33 no. 8 5-6 '67.

663(477) — Ukrainian S.S.R.
Brewing and soft drink industry of the Ukrainian S.S.R. F. D. Deineha, S. D. Rabinovich. *Khar. prom.* no. 5 35-42 '67.

Distilling industry of the Ukrainian S.S.R. V. I. U. Hintovt. *Khar. prom.* no. 5 25-29 '67.

Scientific organization of labor at the Feodosiya Tobacco Factory. O. P. Pochinaiev. *Khar. prom.* no. 5 62-63 '67.

Seminar of laboratory supervisors of the "Ukr. l. v. p. l. e. t. " *Ferm. i spirt, prom.* 33 no. 8 45-46 '67.

Tobacco industry of the Ukrainian S.S.R. B. A. S. *Ferm. i spirt, prom.* 33 no. 8 45-49 '67.

664.1(471.232) — Leningrad City
Testing the BMA continuous-action column-diffuser with a productive capacity of 15,000 c.c. per day. E. T. Kovalev and others. *Ferm. i spirt, prom.* 31 no. 8 84-104 '63.

664.1(477) — Ukrainian S.S.R.
Mechanized line for the production of "Ice cube" candy on the IZM line. V. I. T. *Ferm. i spirt, prom.* 31 no. 8 57-58 '67.

New confectionery products. B. I. Z. *Ferm. i spirt, prom.* 31 no. 8 62 '67.

Silivonki Sugar Factory honors the anniversary. F. T. Maksymovich, M. I. Bindman. *Khar. prom.* no. 5 42 '67.

Testing the O/O continuous-action diffuser at the Sambor Sugar Factory. E. T. Kovalev and others. *Ferm. i spirt, prom.* 31 no. 8 105-121 '63.

664 2 STARCHES OTHER POLYSACCHARIDES

Kinetics of starch hydrolysis by bacterial amylase
O. M. Milanovich, A. P. Fedotov, Perm. i spirt prom
31 no 8 28-27 '65

664 3 EDIBLE AND COOKING FATS AND OILS

664 3(477)—Ukrainian S. S. R.

Oil and fat industry of the Ukrainian S. S. R. V. I. Popov
Khar. prom. no 5 12-43 O '67

664 6 BAKING BREAD AND FLOUR CONFECTIONERY

Continuous proportioning of liquids. B. L. Rubashkin
Khleb, i kond. prom. 11 no 11 12-15 N '67

Effect of the concentration of dry substances in yeast suspension during the drying process. I. U. Shushotskii,
Khleb, i kond. prom. 11 no 11 21-22 N '67

Five-year plan and home baking. V. G. Konepnev, Khleb,
i kond. prom. 11 no 11 2-3 N '67

Give more attention to the improvement of the quality of personnel. N. G. Danilov, Khleb, i kond. prom. 11
no 11 23-26 N '67

High-speed contactless non-reversible devices of automatic packaging machines. V. I. Lutsyk, B. N. Goncharenko,
A. I. Korol', Khleb, i kond. prom. 11 no 11 17-20 N '67

Increased production of baker's yeast in distilleries processing molasses. V. G. Gaidarenko, R. I. Evseychik,
A. K. Orlovskii, Perm. i spirt prom. 31 no 8 28-30 '65

Intensifying the fermentation and improving the quality of bread. L. N. Kazanskaya and others, Khleb, i kond. prom
11 no 11 1-6 N '67

Mechanical curtains for the loading ramp. A. I. Pasivkin,
Khleb, i kond. prom. 11 no 11 31-32 N '67

Preparation of an emulsion for sugar cookies in a vortex dispersing machine. A. D. Pirogovskii, I. M. Rotter,
Khleb, i kond. prom. 11 no 11 9-12 N '67

Preservation of the quality of dried baked products. V. V. Shchegolev, G. P. Dokolov, A. F. Gorucheva, Khleb,
i kond. prom. 11 no 11 6-9 N '67

Results of the all-Union socialist competition for the second quarter of 1967. Khleb, i kond. prom. 11 no 11:
42-43 N '67

Simplification of the electric diagram of the AVB-100M automatic water-in-casing tanks. V. A. Kravchenkov,
Khleb, i kond. prom. 11 no 11 32-33 N '67

Stepped-circular separation for obtaining baker's yeast in a distillery. P. G. Psalov and others, Perm. i
spirt, prom. 31 no 8 13-16 '65

Universal three-sectional UTP oven. V. S. Kompanenko,
Khleb, i kond. prom. 11 no 11 29-30 N '67

664 6(477)—Ukrainian S. S. R.

Baking industry of the Ukrainian S. S. R. T. K. Troshchynko,
Khar. prom. no 5 12-20 O '67

New fuse for the blast gas oven. I. I. Skakovskiy, Z. I. Fatigol'd,
Khar. prom. no 5 5-8 O '67

Pneumatic device for sack cleaning. V. M. Skvortsov,
Khleb, i kond. prom. 11 no 11 30-31 N '67

664 6(478)—Moldavian S. S. R.

With the confectionery workers of the "Bukuresti," T. R. Peahakova,
Stand. i kach. 31 no 9 7-8 '67

664 7 FLOUR AND CORN MILLING. GRAIN PROCESSING

Anniversary exhibition in the "Grain Storage and Processing" Pavilion at the Exhibition of Achievements of the National Economy of the U. S. S. R. A. Blidman
Muk -elev. prom. 33 no 11 28-27 N '67

Change in the quantity and quality of fat in castor seeds during storage. S. Olontseva, Muk -elev.
prom. 33 no 10 17-18 O '67

The combined feed industry of the U. S. S. R. A. Borodin
Muk -elev. prom. 33 no 11 10-19 N '67

Development of grain drying machinery in the U. S. S. R. during past 50 years. M. Skorovalov, Muk -elev.
prom. 33 no 10 6-9 O '67

The flour and grain-elevator machinery industry. A. Sokolov, Muk -elev. prom. 33 no 11 20-21 N '67

Grain elevators and storage during 50 years. P. Brun', Muk -elev. prom. 33 no 11 11-16 N '67

International conference on the problems of processing and chemistry of grain. E. Kozmina, Muk -elev.
prom. 33 no 10 27-29 O '67

Introducing business accounting in shop sections of grain receiving enterprises. F. Genshtein, Zakup. sel'khoz. prod. no 10 53-55 O '67

Inventors' and efficiency promoters' contribution to the technological progress of the branch. M. Kvetnyi,
Muk -elev. prom. 33 no 11 22-23 N '67

Labor operations in the practice of mounting and adjusting aspiration network. G. Roshkovskii, Muk -elev.
prom. 33 no 10 31 O '67

Mechanization of loading and unloading operations on temporary platforms, practices of the Zimovniki Grain Receiving Station. P. Likhachev, Muk -elev.
prom. 33 no 10 18 O '67

Method of the network planning for the transportation of grain loads. T. Ushakov, Muk -elev. prom. 33
no 10 19-20 O '67

Photometric analysis of grain processing products and its practical application at flour mills in the U. S. S. R. I. Mamishvili, Muk -elev. prom. 33
no 10 31-24 O '67

Problems of economic efficiency, quality, and stimulation of mixed feed production. G. Shcherbinina,
Muk -elev. prom. 33 no 10 15-16 O '67

Quality of meal as related to the microstructure of the aleurone layer of the crop of wheat. N. Berikova,
Muk -elev. prom. 33 no 10 25 O '67

Science contributes to production. L. Trismatskii,
Muk -elev. prom. 33 no 11 12-13 N '67

State control over the quality of grain and grain products. V. Ivanov, P. Ardus', Muk -elev. prom. 33
no 11 14-15 N '67

Studying the quality of the fraction of wheat flour. L. Aizikovich, O. Maksimuk, Muk -elev. prom. 33
no 10 12-13 O '67

Training of engineers for the flour and grain-elevator industry in the past and after the October Revolution. O. Vorontsov, V. Gusev, Muk -elev. prom. 33 no 11
21-25 N '67

Transportation of grain based on hour schedule is very efficient. M. Dubrovskii, N. Moskat, Muk -elev. prom.
33 no 10 5 O '67

Type of tubes for feeding liquid ingredients to mixed feeds. P. Mironovskii, G. Negibov, I. Belenok,
Muk -elev. prom. 33 no 10 14 O '67

Work of hammer mills with lamellar sieves and round holes. M. Rudoi, N. Chudakovskii, Muk -elev. prom.
33 no 10 13 O '67

664 7(431)—German Democratic Republic

Scientific Research Institute of Grain Processing in the Democratic Republic of Germany. F. Kozmina,
Muk -elev. prom. 33 no 11 27-28 N '67

664 7(471.232)—Leningrad City

The mill of revolutionary Petrograd. I. Grosman,
Muk -elev. prom. 33 no 11 4-6 N '67

664 7(471.310)—Moscow City

The V. D. T'shurpa Grain Milling Combine during 56 years. P. Romanuk, Muk -elev. prom. 33 no 11 7-9 N '67

664 7(471.45)—Volgograd Province

Rudnyy fully-assembled elevator completed ahead of schedule. I. Kosov, A. Meerson, Muk -elev. prom.
33 no 10 4-5 O '67

664 7(474.5)—Lithuanian S. S. R.

New technology for processing rye varietal flour at flour mills in Vilnius. A. Brulskii and others, Muk -
elev. prom. 33 no 10 10-11 O '67

664 7(477)—Ukrainian S. S. R.

Gas-operated dust-collecting apparatus at the Chernovtsy Flour Mill. S. Tainberg, Muk -elev. prom.
33 no 10 19 O '67

664 7(477.9)—Crimea

Sevastopol millers. A. Shust, Muk -elev. prom. 33
no 10 13-4 O '67

664 7(571.13)—Omsk Province

Omsk Cereal Plant in the anniversary year. S. Pantukhin, Muk -elev. prom. 33 no 11 11 N '67

664 7(571.16)—Tomsk Province

The past and the present of Tomsk mills. K. I'vlov,
Muk -elev. prom. 33 no 11 8-10 N '67

664 7(575.2)—Khaziz S. S. R.

Flour milling in Kirghizistan. V. Maksimenko, Muk -
elev. prom. 33 no 10 3 O '67

664 8 PRESERVATION OF ORGANIC PRODUCTS FRUIT AND VEGETABLE PRODUCE

All-Union conference on the improvement of the quality of vegetable and melon culture. I. I. Varentsov, Kons.
i ov. prom. 22 no 11 45-46 N '67

From manual workshop to industrial enterprise. V. V. Bogdankevich, Kons. i ov. prom. 22 no 11 1-4 N '67

Mechanized washing of glass containers for canning. A. S. Zivalevskii, G. I. Bershadskii, Kons. i ov. prom.
22 no 11 35-36 N '67

Pioneer of the concentrated food industry. I. U. Babikov,
Kons. i ov. prom. 22 no 11 31-35 N '67

Positive experience of enterprises of the canning industry in the use of capital assets and in the decrease of the number of seasonal workers. Kons. i
ov. prom. 22 no 11 45-46 N '67

Recollections of the veterans of labor. S. M. Iastrebov,
I. M. Varov, Kons. i ov. prom. 22 no 11 43-45 N '67

Science in the act of organizing the supply of raw materials. V. D. Lagovkin, Kons. i ov. prom. 22
no 11 5-7 N '67

W. store potatoes without losses. I. Vygovskii, Ty i
snab. Sov. Voor. Sil. 27 no 9 86 '67

When it is cold outside... A. Fedotov, Ty i snab. Sov.
Voor. Sil. 28 no 12 90 D '67

664 8(471.61)—Rostov Province

Efforts in developing rich tomato crops. E. S. Tarasov,
Kons. i ov. prom. 22 no 11 10-12 N '67

664 8(471.632)—Karachay-Cherkess Autonomous Province

Achievements of the personnel of the Order of the Red Banner of Labor Canning Combine in Adyge. I. U. G.
Vergules, Kons. i ov. prom. 22 no 11 20-21 N '67

Transition to new working conditions. I. D. Kagan,
Kons. i ov. prom. 22 no 11 39-40 N '67

664 8(477)—Ukrainian S. S. R.

Technological progress of the Lada Cannery in Odessa. A. A. Bychkov, Kons. i ov. prom. 22 no 11 24-27
N '67

664 8(478)—Moldavian S. S. R.

First of May Order of Lenin Cannery in Tiraspol'. M. A. Raktina, Kons. i ov. prom. 22 no 11 12-15 N '67

Our beacons. V. I. Panasevich, I. D. Pesla, Kons. i ov.
prom. 22 no 11 16-19 N '67

664 8(479.22)—Georgian S. S. R.

At the Santredia Canning Combine. P. G. Nadzradze,
Kons. i ov. prom. 22 no 11 20-31 N '67

Kutaisi Cannery during a new five-year plan. Sh. D. Moshlavskii, Kons. i ov. prom. 22 no 11 27-28
N '67

664 8(479.24)—Azerbaijan S. S. R.

The canning industry of Azerbaijan. M. Rustamov,
Z. Rustam-Zade, Kons. i ov. prom. 22 no 11 8-12
N '67

664 8(479.25)—Armenian S. S. R.

Prospects for the development of the canning industry of Armenia. Z. M. Mavrikan, Kons. i ov. prom. 22
no 11 7-9 N '67

664.9 PRESERVATION OF ANIMAL PRODUCTS

Automated plant for the production of pork. Sci. i tekh.
10 no 3 18-20 M '61

Effectiveness of bactericidal lamps for irradiation of equipment and containers. S. S. Shchepetukova, Ryb.
khoz. 44 no 1 64-65 '68

Further development of fish cutting machinery. V. Ponomukhin, Ryb. khoz. 11 no 1 91 '68

Kan, A. V., and V. I. Matevov. [Installations and apparatus for freezing fish and fish products] Ustunovki i apparaty dlia zamorazhivaniia ryby i ryboproduktov. Moskva, "Pishchevala prom-st", 1967, 236 p.

New norms of the natural loss of fish during the freezing process and storage. A. K. Kambarova and others, Khol. tekhn. 11 no 11 38-39 N '67

Nutritional value of fresh frozen squid. G. S. Korablina and others, Ryb. khoz. 44 no 1 68-69 '68

Use of isopropyl alcohol for producing edible fishmeal by the extrusion method. A. P. Chernogoritsky, A. S. Lysova, V. E. Borikalev, Ryb. khoz. 44 no 1 61-63 '68

Utilization of smoking fluid "Vakhol" for producing canned Atlantic sardines in aromatic oil. N. Denisov, Ryb. khoz. 44 no 1 65 '68

665 OILS FATS WAXES

Study of the polarographic behavior of some dihydroxamic acids. I. P. Nazarova, A. I. Glushenkova, A. I. Markman, Uzb. khim. zhur. 11 no 6 31-37 '67

665(471.232)—Leningrad City

Production of gas from oil shales; Petrograd, 1910. K. S. Zarembo, Gaz. prom. 12 no 10 45-47 O '67

665(477)—Ukrainian S. S. R.

Oil and fat industry of the Ukrainian S. S. R. V. I. Popov,
Khar. prom. no 5 42-45 O '67

665.5 PETROLEUM. MINERAL OIL PROCESSING

Advanced technology of the building of chemical and petroleum apparatus. I. U. V. Shukhov, D. T. Logunov, I. V. Naukrug, Khim. i nef. mashinost. no 12 41-42 D '67

Algorithm of the operational determination of catalyst activity in the process of exploiting a catalytic reforming unit. B. A. Bel'tsov, Izv. vuz. ucheb. zav. i nef. i gaz. 10 no 10 56-60 '67

All-Union day of the workers of the petroleum and gas industries. A. M. Malinin, Nef. i gaz. prom. no 4 1-2 JI-Ag '67

All-Union Scientific Research Institute of Petrochemical Processes, the scientific center of petrochemistry. I. R. Osadchenko, A. A. Vvedenskii, Nefteper. i nef. khim. nos 10 11 78-82 '67

- Use of tagged atoms for studying the reaction sequence of reactions in some petroleum refining processes.** I. V. Kalerchits, Khimika nos 8-9 1967, 1024 S-O '67.
- Utilizing secondary energy resources of petroleum refineries.** I. U. Maksimov, Neft i gaz prom., no. 7-10 '67.
- 605.5(41)—United Kingdom and Foreign Countries**
- Petroleum refining industry in Great Britain.** A. J. Breeze, V. V. Alkarev, V. M. Andriyevskiy, nos 10/11-12-46 '67.
- 605.5(471.311)—Moscow Province**
- Plant innovator.** D. V. Ivanukov, Neft i gaz prom., nos 10/11-12-46 '67.
- 605.5(471.310)—Yaroslavl Province**
- Contribution of Rostov design bureau to the development of the oil refinery.** T. N. Nasonov, Neft i gaz prom., no. 7-10 '67.
- 605.5(471.43)—Kuybyshev Province**
- Developing and improving petroleum refining processes in the Novokuibyshevskaya petrochemical plant.** P. N. Uzunkulov, A. M. Shevtsov, Neft i gaz prom., nos 10/11-12-46 '67.
- Development of the petroleum refining industry in the Kuybyshev Province.** I. U. Maksimov, Khim i tekhnol., no. 11-12-46 '67.
- Stages of a great journey.** V. G. Popov, Neft i gaz prom., no. 10/11-12-46 '67.
- 605.5(471.44)—Saratov Province**
- Floating boom with controlled petroleum products.** A. I. Berezin, V. V. Alkarev, V. M. Andriyevskiy, nos 10/11-12-46 '67.
- 605.5(471.45)—Volgograd Province**
- Dependence of the mechanical sulfur content of petroleum fractions of the Volgograd petrochemical plant on the quantity of hydrogen sulfide in catalytic cracking.** A. I. Berezin, L. P. Shulga, L. A. Akutina, Khim i tekhnol., no. 11-12-46 '67.
- 605.5(471.52)—Bashkir ASSR**
- Achievements of the collective of the Bashkir petrochemical refinery of the Order of Lenin.** A. I. Berezin, I. A. Gerasimov, A. P. Mal'kov, Neft i gaz prom., no. 10/11-12-46 '67.
- Bashkir Scientific Research Institute of the Petrochemical Industry and its connections with industrial enterprises.** G. A. Tsarenkov, Neft i gaz prom., no. 10/11-12-46 '67.
- Development of petrochemical plants in Bashkiria.** I. A. Gerasimov, Neft i gaz prom., no. 10/11-12-46 '67.
- Petroleum refining and petrochemical industry in Bashkiria.** A. I. Berezin, on the 50th anniversary of the October Revolution, IA, G. Sorokin, Khim i tekhnol., no. 11-12-46 '67.
- Vitebsk plant of the Second Bakai.** T. I. Smilova, Neft i gaz prom., no. 10/11-12-46 '67.
- 605.5(471.60)—Chechen-Ingush ASSR**
- In the vanguard of technical progress.** A. Z. Savchenko, A. B. Odintsov, Neft i gaz prom., no. 10/11-12-46 '67.
- Origin of the gas industry in the city of Grozny.** A. I. Berezin, Gaz, prom., no. 10-49-50 '67.
- People from the paraffin plant.** S. N. Salik, Neft i gaz prom., no. 10/11-12-46 '67.
- Petroleum refinery workers studying automation of telemechanics.** I. T. Sonchenko, Neft i gaz prom., no. 10/11-12-46 '67.
- 605.5(476)—White Russian S.S.R.**
- Polotsk petroleum refinery, the first in White Russia.** I. U. Maksimov, Neft i gaz prom., no. 10/11-12-46 '67.
- 605.5(477)—Ukrainian S.S.R.**
- Achievements of the All-Union Design and Planning Scientific Research Institute of Petrochemical Industry in developing the petroleum refining and petrochemical industries of the Ukraine.** V. T. Sklar, Neft i gaz prom., no. 10/11-12-46 '67.
- Jet fuel from the petroleum fields in Chervonohorskyi.** A. A. Zhurba and others, Neft i gaz prom., no. 10/11-12-46 '67.
- Petroleum refining and petrochemical industry in Ukraine.** V. M. Baevich, Neft i gaz prom., no. 10/11-12-46 '67.
- Petroleum refining industry of the Ukrainian SSR during the 50 years of the Soviet rule.** V. T. Sklar, V. A. Bugrov, Neft i gaz prom., no. 5-6-40 '67.
- Petroleum refining industry of the Ukrainian SSR.** V. M. Baevich, V. A. Bugrov, Khim i tekhnol., no. 11-12-46 '67.
- 605.5(479.24)—Azerbaijan S.S.R.**
- Building oil fields and plants.** M. A. Abbasov, Neft i gaz prom., no. 10/11-12-46 '67.
- Mining a foreman.** Z. F. Keitberg, Neft i gaz prom., no. 27-28 '67.
- Method for calculating the process of fractionation of continuous blends.** V. I. Astakhov, E. V. Vosmirnov, D. D. Zybov, Izv. vuzov, zav., no. 10-6-69 '67.
- Methods for separating and investigating C₁₁-C₁₆ unsaturated hydrocarbons of normal structure in the products of high-speed cracking of slack wax.** E. Kh. Kurashova and others, Neftkhimika 7 no. 4 510-529 Ji-Ag '67.
- New equipment for the automation of technological processes.** S. S. Belozerskiy, S. T. Kuz'min, Neft i gaz prom., no. 10/11-12-46 '67.
- Obtaining fuels for gas turbine units by the destructive distillation of heavy-paraffin oil.** N. A. Rudakova, B. K. Sheremeta, Z. N. Drimalik, Neft i gaz prom., no. 5-6-43 '67.
- Optimization of the balance of hydrocarbon raw materials.** V. M. Andrianov, P. F. Sukhomlinov, Khim i tekhnol., no. 11-12-46 '67.
- Petroleum refining and petrochemical industries of the USSR on the eve of the 50th anniversary of the Great October Revolution.** V. S. Fedorov, Neft i gaz prom., no. 10/11-12-46 '67.
- Petroleum refining and petrochemical industry in Grozny.** G. F. Palchikov, A. Z. Dorogochinskii, Khim i tekhnol., no. 11-12-46 '67.
- Petroleum refining and petrochemical industry of the USSR on the 50th anniversary of Soviet rule.** V. S. Fedorov, Khim i tekhnol., no. 11-12-46 '67.
- Pyrolysis of low-octane gasoline in the flow of superheated steam.** S. P. Gorislavets, Neft i gaz prom., no. 5-6-43 '67.
- Results of and prospects for the development of petroleum refining and petrochemical industries in the USSR.** V. S. Fedorov, Neft i gaz prom., no. 10/11-12-46 '67.
- Results of the development of branches manufacturing synthetic fat substitutes and detergents.** D. M. Bolanovsky, Khim i tekhnol., no. 11-12-46 '67.
- Role of Soviet science in developing the domestic petroleum refining industry.** I. T. Blagovidov, Khim i tekhnol., no. 11-12-46 '67.
- Scientific and Technical Society of the Petroleum and Gas Industries on the eve of the 50th anniversary of the Great October Revolution.** I. L. Cherniak, N. V. Arkusheva, Neft khaz., no. 10-61-67 O '67.
- Scientific and technological specialists on the 50th anniversary of the October Revolution.** N. V. Arkusheva, I. L. Cherniak, Khim i tekhnol., no. 11-12-46 '67.
- Scientific center of petrochemistry in the U.S.S.R.** I. R. Osadchenko, A. A. Vvedenskiy, Khim i tekhnol., no. 11-12-46 '67.
- Scientific studies of the All-Union Scientific Research Institute of Petroleum Refining as a basis of technical progress for the petroleum refining industry in the central and eastern regions of the USSR.** I. T. Blagovidov, Neft i gaz prom., no. 10/11-12-46 '67.
- Selectivity of dehydrocyclization catalysts.** V. K. Skarchenko, N. S. Kruglikova, Neft i gaz prom., no. 4-12-44 Ji-Ag '67.
- Siniagin, Z. I. [Delayed coking of petroleum residues]** Zamedlennoe koksovanie neflyanykh ostatkov. Moskva, "Khimiya," 1967. 167 p. (Biblioteka molodogo rabotnicha).
- Some problems of the development of tube-still heater designs.** V. G. Kashirskiy, G. A. Shchapov, V. M. Sedolkin, Izv. vuzov, zav., no. 10-6-69 '67.
- Some results of the research work of the Scientific Research Institute of Petrochemistry.** R. M. Masagutov, A. S. Shmelev, Neft i gaz prom., no. 10/11-12-46 '67.
- State Design and Planning Institute of Enterprises in the Petroleum Industry of Azerbaijan, the oldest planning organization of the petroleum industry.** A. U. Fataliev, Neft i gaz prom., no. 10/11-12-46 '67.
- Study of the properties of ruthenium catalysts in reactions of liquid-phase hydrogenation of unsaturated hydrocarbons.** L. Kh. Feidlin and others, Uzb. khim. zhurn., no. 6-47-51 '67.
- Studying a multistage petrochemical process using the method of nonlinear correlation.** I. A. Bragimov, M. S. Mett, Izv. vuzov, zav., no. 10-6-69 '67.
- Studying additives synthesized on the basis of naphthalene hydrocarbon derivatives.** I. M. Orudzhova, Sh. M. Novruzov, Azerb. neft. khoz., no. 4-9-37-38 S '65.
- Studying paraffin solubility in various liquid hydrocarbons.** T. M. Mammedov, Azerb. neft. khoz., no. 4-9-37-38 S '65.
- Surface-active properties of some water-soluble sulfonic acids.** R. G. Makitra, S. A. Polishchuk, Neft i gaz prom., no. 4-30-42 Ji-Ag '67.
- Survey of contemporary methods for determining petroleum products in waste waters.** I. U. Popov, G. A. Zagoretskiy, L. A. Imanullov, Neft i gaz prom., no. 5-6-43 '67.
- Thermal effect of the process of oxidation of petroleum asphalt.** M. V. Vinogradov, V. A. Proskuriakov, D. A. Rozental', Neft i gaz prom., no. 9-13-16 '67.
- Use of microwave spectrometry for the determination of impurities of ethyl and isopropyl alcohol in gasoline.** A. N. Aleksandrov, G. I. Tyosovskiy, Zhur. anal. khim., no. 22 no. 10 1532-1535 O '67.
- Use of the refractive index of petroleum in flow.** B. I. Kulikov, P. P. Suprun, Neft i gaz prom., no. 10-6-69 '67.
- Anisimov, I. V. [Fundamentals of automatic process control in petrochemical and petroleum refining industries.] Osnovy avtomaticheskogo upravleniya tekhnologicheskimi protsessami i neftekhimicheskim rafinerijskim proizvodstvom promyshlennosti. Leningrad, "Khimiya," 1967. 106 p.**
- Apparatus for preliminary oil refining in field.** R. V. Pavlov, Neft i gaz prom., no. 10-6-69 '67.
- Automation of the extraction of petroleum products from the crude oil.** I. U. Maksimov, Neft i gaz prom., no. 10-6-69 '67.
- Automobile refueling stations for petroleum products.** I. U. Maksimov, Neft i gaz prom., no. 10-6-69 '67.
- Automatic control and regulation of the oil-dehydrating process.** M. M. Guliyev and others, Neft i gaz prom., no. 10-6-69 '67.
- Automatic control of the stock-solvent consumption ratio in oil dehydrating.** L. I. Chermnykh, V. D. Smekalov, Neft i gaz prom., no. 9-33-34 '67.
- Bachurin Scientific Research Institute of Petroleum Refining.** A. S. Fedorov, Neft i gaz prom., no. 10/11-1

- 66a 5(479 24) (Continued)
C₃ - C₉ bicyclic naphthenic hydrocarbons. V. K. Solodov and others. *Neftekhimiya* 7 no. 4:511-514 JI-Ag '67.
- Development of scientific research in the fields of petroleum refining and petrochemistry in Azerbaijan. V. S. Aliyev and others. *Azerb. neft. khoz.* 16 no. 11:33-35 N '67.
- New step of thoughtful consideration obligates. S. A. Vezirov. *Azerb. neft. khoz.* 44 no. 9:2-5 S '65.
- Oldest petroleum refinery of our country. I. A. Shakhmatov. *Nefteprom. i neftekhim. nov.* 10/11-16-21 '67.
- Origin of the gas industry in Azerbaijan. G. A. Saikis'ants. *Gaz. prom.* 12 no. 10:47-11 O '67.
- Petroleum industry of the Azerbaijan S.S.R. on the eve of the 50th anniversary of the Great October Revolution. *Azerb. neft. khoz.* 16 no. 11:5-8 N '67.
- Petroleum refining and petrochemical industries of Azerbaijan. M. A. Mamedov. *Nefteprom. i neftekhim. nov.* 10/11-17-12 '67.
- Petroleum refining, petrochemical, and chemical industries in Azerbaijan during the past 50 years. R. G. Umarov and others. *Azerb. neft. khoz.* 46 no. 11:34-37 N '67.
- 66b 5(499)—Rumania
Glory to the 50th anniversary of the Great October Socialist Revolution! I. Istrate. *Neftekhim. nov.* 11:13-14 N '67.
- 66c 5(571)—Asiatic R. S. F. S. R.
Perspectives of the development of petroleum refining in the regions of Eastern Siberia. V. I. Gubinskii. *L. T. Izhmashin. Khim. i tekhn. masel.* 12 no. 11:14-15 '67.
- 66d 5(571 13)—Omsk Province
Omsk order-bearing petroleum refinery. M. N. Ikonina, V. M. Sintitsa. *Nefteprom. i neftekhim. nov.* 10/11-16-21 '67.
- 66e 5(575 1)—Uzbek S. S. R.
Petroleum refinery dedicated to the 40th anniversary of Uzbekistan. V. V. Veiba. *Nefteprom. i neftekhim. nov.* 10/11-16-21 '67.
- 66f 5(575 1)—Turkmen S. S. R.
Krasnovodsk petroleum refinery. D. I. A. Muchinskii. *Nefteprom. i neftekhim. nov.* 10/11-16-21 '67.
- 66g GLASS, CERAMIC, CLAY, ETC., INDUSTRIES
Effect of alkaline cations on electroconductivity of iron-containing glass. P. A. Fainburg. *Izv. AN SSSR. Neorg. mat.* 3 no. 12:2210-2214 D '67.
- Effect on paramagnetic resonance spectra of irradiated three-component glasses. S. M. Bichkovskikh, T. A. Sidorov, V. A. Tsvetkov. *Izv. AN SSSR. Neorg. mat.* 3 no. 12:2278-2280 D '67.
- Interpretation of the results of X-ray diffraction study of silicate and borate glasses with heavy elements. T. A. Sidorov. *Izv. AN SSSR. Neorg. mat.* 3 no. 12:2235-2239 D '67.
- Irradiation and catalytic crystallization effects in glasses with lithium-lanthanum basis. L. K. Simatov. *Opt. i mekh. prom.* 33 no. 9:32-35 S '66.
- Microstructure of a transparent polycrystalline cerium oxide ceramic and its relation to transience. F. V. Degtiareva. *Izv. AN SSSR. Neorg. mat.* 3 no. 12:2212-2216 D '67.
- Multilayer interference coatings produced by the chemical method. T. N. Krylova, R. S. Sokolova, I. F. Bokhonskaya. *Opt. i mekh. prom.* 34 no. 10:47-50 O '67.
- Production of thick films of silicon dioxide on silicon. A. G. Kudriavtseva, N. V. Sukhova. *Opt. i mekh. prom.* 34 no. 10:50-51 O '67.
- Relation between structure and composition of certain pyrocerams in the system lithium-aluminosilicate. O. V. Zhukovskaya, E. V. Podushko. *Izv. AN SSSR. Neorg. mat.* 3 no. 12:2250-2258 D '67.
- Structure of glasses in the system SiO₂-TiO₂-SiO₂ studied by means of infrared absorption spectra. M. L. Zorina, A. P. Zorin. *Izv. AN SSSR. Neorg. mat.* 3 no. 12:2270-2277 D '67.
- Use of the dynamic method in studying temperature functions of modulus of elasticity in pyroceram and its parent glass. I. U. A. Kashitlan, E. M. Rabinovich. *Izv. AN SSSR. Neorg. mat.* 3 no. 12:2281-2282 D '67.
- Viscosity of optical glass in the softening and annealing interval. L. V. Isaeva. *Opt. i mekh. prom.* 34 no. 10:43-46 O '67.
- 66h 1 GLASS INDUSTRY AND TECHNOLOGY
Brightening of the KC-19 glass by means of incoherent radiation. I. D. Kon'kov, A. G. Rozanov, N. V. Cheburkina. *Zhur. prikl. spekt.* 6 no. 11:118-120 Ja '67.
- Crystallization of glass of the composition SiO₂-Al₂O₃-Fe₂O₃-CaO-MgO stimulated by TiO₂. L. A. Zhurina, V. N. Sharai. *Vestsi AN BSSR. Ser. khim. nav.* no. 1:55-62 '67.
- Deblasing of articles from optical glass by the method of thermal treatment under pressure. I. S. Gilev, A. V. Makarov, V. A. Turev. *Opt. i mekh. prom.* 23 no. 9:36-40 S '66.
- Design, construction, and operation of spindles of hydraulic lathes for finishing fabricated optical parts. B. D. Gorobok and others. *Opt. i mekh. prom.* 33 no. 1:35-38 Ap '66.
- Device with an evaporometric transformer for flaw detection in materials used in the infrared spectral region. V. S. Doladugina and others. *Opt. i mekh. prom.* 34 no. 11:56-60 N '67.
- Effect of the combined diffusion of glasses on the transmission of light by fibrous elements. I. M. Minkov. *Opt. i mekh. prom.* 33 no. 10:6-8 O '66.
- Effect of the composition of composite two-alkali glasses on their susceptibility to hygroscopic leaching. T. M. Makalova. *Opt. i mekh. prom.* 33 no. 10:37-39 O '66.
- Infrared and ultraviolet spectra and the structure of lead-silicate glasses. T. A. Sidorov. *Zhur. prikl. spekt.* 6 no. 1:98-101 Ja '67.
- Features of the mechanism of degradation of glass fiber in the course of crystallization of new formations from an active medium. N. B. Ushakov, N. V. Mikhailov, P. A. Rebinde. *Dokl. AN SSSR* 177 no. 6:1401-1406 D '67.
- Manufacture of optical glass in the U. S. S. R. A. I. Stozharov. *Opt. i mekh. prom.* 34 no. 11:24-27 N '67.
- New type of glass for spectral studies of fluorocarbon-containing substances. G. T. Petrovskii, C. A. Tsurikova. *Zhur. prikl. spekt.* 6 no. 1:130-132 Ja '67.
- Nickel coloring of some two-component glasses. V. V. Vargin, V. I. Skorospelova. *Zhur. prikl. spekt.* 10 no. 9:2057-2059 S '67.
- On the chemical compatibility of glasses for fiber optics. V. N. Polukhin, M. V. Zaimina. *Opt. i mekh. prom.* 31 no. 11:65-68 N '67.
- One of the ways of increasing the strength of glass fibers. M. A. Matveev and others. *Vestsi AN BSSR. Ser. khim. nav.* no. 1:67-72 '67.
- Properties of silicate glasses containing tin. I. I. Galant and others. *Opt. i mekh. prom.* 33 no. 1:32-34 Ap '66.
- 66i 2 ENAMELS AND GLAZES
Effect of the composition of dolomite opacified glazes covering enamel on their physicochemical properties. Report No. 2. Effect of the change of silica on the physicochemical properties of dolomite opacified glazes. I. A. Minov, Kh. I. Uzunov. *Uzb. khim. zhur.* 11 no. 1:7-12 '67.
- Physicochemical study of frits of titanium opacified ceramic ware during change in calcium oxide content. I. Arifov, A. P. Ikakhodzhaeva. *Uzbek. khim. zhur.* 11 no. 6:24-26 '67.
- 66j 3 CLAY AND CERAMIC WARE
Effect of a constant electric field on the thermal conductivity of ceramic specimens of solid barium titanate and triglycine sulfate single crystal base in the phase transition region. E. N. Dimarova, I. M. Poplavko. *Izv. AN SSSR. Ser. fiz.* 31 no. 11:1842-1844 N '67.
- Internal friction in ferroelectric ceramics based on ZTS. V. S. Postnikov and others. *Izv. AN SSSR. Ser. fiz.* 31 no. 11:1845-1849 N '67.
- Studying the nonlinear and switching characteristics of variable film capacitors. T. N. Verbitskaya and others. *Izv. AN SSSR. Ser. fiz.* 31 no. 11:1853-1857 N '67.
- 66k 5 PORCELAIN AND CHINA
Rheological study and kinetics of the structure formation of pelite-containing semiporcelain dross. K. S. Kutateladze, R. A. Mamaladze, N. N. Kugititskii. *Soob. AN Gruz. SSR* 48 no. 2:341-346 N '67.
- 66l 7 HEAVY CLAYWARE AND REFRACTORIES
Iron- and steelworkers have reliable support. G. T. Bardagov, V. A. Sazhin. *Met. i gorn. ind. prom.* no. 5:18-49 S-O '67.
- Progressive technology at wall material plants. N. Goshin. *Sel. stroit.* 18 no. 6:12-15 Je '63.
- 66m 8 GYPSUM AND OTHER PLASTERS
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- 66n 9 LIME, CEMENT, MORTAR, CONCRETE
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- Achievements and theoretical problems in the production of reinforced concrete. A. A. Gvozdev. *But. i zhel. -bet.* 13 no. 11:22-25 N '67.
- Achievements in designing during the years of the Soviet rule. V. I. Satarin, A. F. Semendiaev. *TSement* 33 no. 5:7-10 S-O '67.
- Automation is the basis of technical progress. G. N. Valshechevich, G. S. Drabkin. *TSement* 33 no. 5:10-11 S-O '67.
- Cement industry in the U. S. S. R. during the last 50 years. V. D. Anikeev. *TSement* 33 no. 5:2-4 S-O '67.
- Cement transportation in bags and containers. A. M. Kaplan. *Mekh. i avtom. proizv.* 20 no. 11:13-16 N '66.
- Deformation of cement stone and sand concrete during freezing. V. M. Bykov, I. I. Lifanov, N. V. Mikhailov. *Koll. zhur.* 20 no. 5:643-649 S-O '67.
- Development of Soviet cement technology. I. V. Kravchenko, I. G. Meshik. *TSement* 33 no. 5:5-7 S-O '67.
- Economics of the leading branch of the construction industry. L. I. U. Astanskii, Z. I. Loginov, A. N. Ljusev. *TSement* 33 no. 5:12-14 S-O '67.
- Economy of cement in concrete through the use of sand and admixtures. D. Beizer, V. Galaktionov. *Sel. stroit.* 18 no. 2:20 F '64.
- Effect of concrete creep on reinforced concrete cantilever trusses. N. S. Solomentseva. *Avt. dor.* 30 no. 8:21-25 Ag '67.
- Effect of sodium silicofluoride on roasting of alumina-belite cement. M. G. Guliamov, G. Kaiseva. *Uzb. khim. zhur.* 11 no. 6:73-75 '67.
- Estimating the rigidity and crack resistance of prestressed reinforced concrete tubes. B. M. Liupae. *Uch. zap. Mord. gos. un.* no. 31:84-87 '63.
- Evaluation of the strength of concrete under combined stress of compression and tension. A. I. Markov, N. V. Mikhailov, P. A. Rebinde. *Dokl. AN SSSR* 176 no. 6:1359-1362 O '67.
- Experimental transportation of cement in belt sling containers. I. U. V. Pavlov. *Mekh. i avtom. proizv.* 20 no. 11:17 H '66.
- First results from testing the existing proposals in calculating the strength of reinforced concrete elements in bending. V. M. Selukov. *Uch. zap. Mord. gos. un.* no. 31:98-106 '63.
- I am proud to be a cement worker. N. L. Makarov. *TSement* 33 no. 5:19-20 S-O '67.
- Increasing acid resistance of cements. Sh. M. Nurmatov, I. S. Kanisepol'ski, Sh. M. Rakhimbaev. *Uzb. khim. zhur.* 11 no. 6:67-69 '67.
- Industry's personnel. D. N. Iageman. *TSement* 33 no. 5:20-22 S-O '67.
- Mechanism of structure formation in consolidating clays by addition of quicklime. D. G. Evstatiev and others. *Koll. zhur.* 29 no. 5:658-666 S-O '67.
- Most multipurpose and widely-used construction material. P. P. Budnikov, B. V. Volkonskii. *TSement* 33 no. 5:14-16 S-O '67.
- Nogovodskii, M. A. [Individual operation control in the production of reinforced-concrete products and structures]. *Properatsionnyi kontol' pri proizvodstve zhelezobetonnykh izdelii i konstruktsii*. Moskva, "Vyssh. shkola," 1967. 231 p.
- Problems of concrete technology. V. M. Moskvina. *But. i zhel. -bet.* 13 no. 11:29-32 N '67.
- Satarin, V. I. [Modern cement plants (Processes, equipment, and design features)]. *Sovremennye tsementnye zavody (Protsessy, oborudovanie i proektnye reshenia)*. Moskva, Stroizdat, 1967. 196 p.
- Strength of hardened cement on alumina cement and the factors determining it. A. E. Sheikin, F. N. Rabinovich. *Dokl. AN SSSR* 177 no. 6:1407-1410 D '67.
- Training specialists. I. U. M. But and others. *TSement* 33 no. 5:23-24 S-O '67.
- 66o 9(471. 02)—Krasnodar Territory
Half century of vigorous growth. L. K. Guchok, V. G. Derzhachenko. *TSement* 33 no. 5:17-19 S-O '67.
- 66p 9(470 25)—Armenian S. S. R.
Lightweight concrete and reinforced concrete in the Armenian S. S. R. M. Z. Simonov. *But. i zhel. -bet.* 13 no. 11:18-22 N '67.
- 66q COLOR INDUSTRIES. DYES. PAINTS
Absorption spectra of ionic association with triaryl-methane dyes. S. A. Lomonosov, A. V. Nikolav. *Zhur. prikl. spekt.* 6 no. 1:78-80 Ja '67.
- Achievements of the economic science in the use of paint materials. Z. B. Vetruchnikovskii. *Lakokras. mat. i kh. prim.* no. 5:54-56 '67.
- Basic changes in the economy of the paint materials industry. V. B. Raifov, R. B. Gofunkel'. *Lakokras. mat. i kh. prim.* no. 5:32-35 '67.
- Coatings based on water-soluble substances for the protection of rolled metal. R. A. Venik and others. *Lakokras. mat. i kh. prim.* no. 5:85-87 '67.
- Deformations of epoxide coatings during thermal aging in organic medium. P. I. Zubov, Z. P. Gvozinskaya. *Koll. zhur.* 29 no. 5:667-671 S-O '67.
- Determining the absorption coefficients of dyed woolen cloth by the reflection spectra. V. I. Gaidukov, L. A. Vofodina, B. M. Iavorskii. *Zhur. prikl. spekt.* 6 no. 1:72-75 Ja '67.
- Development of physical and physicochemical methods for the testing and studying of paint materials and coatings. S. V. Akubovich, L. V. Nitsberg. *Lakokras. mat. i kh. prim.* no. 5:48-53 '67.
- Development of the chemical technology of varnishes, paints, and paint coatings during the years of Soviet rule. M. T. Sorokin and others. *Lakokras. mat. i kh. prim.* no. 5:57-67 '67.
- Development of the production of paint materials based on synthetic film-forming substances. T. V. Todorova, N. G. Shtan'ko, V. V. Zhebrovskii. *Lakokras. mat. i kh. prim.* no. 5:19-23 '67.
- Electrochemical method for the study of protective properties of varnishes used in canning. I. L. Rozenfeld, E. D. Lashevskaya, F. I. Rubinstein. *Lakokras. mat. i kh. prim.* no. 5:78-80 '67.
- Emulsion thinners for pigment oil past. K. Karasev, G. Lopatin. *Sel. stroit.* 18 no. 6:20 Je '63.
- 50 years of the paint materials industry in the U. S. S. R. R. R. Mirenskii. *Lakokras. mat. i kh. prim.* no. 5:1-5 '67.

- Generation of organic dye solutions B. I. Stepanov, A. I. Rubinov Zhur prikl spekt 7 no 1507-521 O '67
- Kinetics of magnesium corrosion beneath polymer coatings in electrolytic media E. M. Solovova, R. N. Mikhaylovskii, P. I. Zubov Lakokras mat i kh prom no 5 81-84 '67
- Machinery and technology for the production of paint coatings in the Soviet Union during the past 30 years A. D. Kizim, P. I. Kolesnikov Lakokras mat i kh prom no 5 15-17 '67
- Methods for the purification of industrial sewage in the paint materials industry A. V. Shtrom, I. P. Zago Zhur VKHO 12 no 6 667-671 '67
- New paint materials I. A. L. Naslin Lakokras mat i kh prom no 124-27 '67
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- Order on the plant's banner R. B. Madi Lakokras mat i kh prom no 5 35-36 '67
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- Relationship between active dye and thioenzymes / B. Kononova, I. Strogova 9 no 11 1371-1377 N '67
- Renewing the metallic layer on a ceramic surface, P. O. Olesi Vest prirovoob, obr no 6 69 Je '61
- Scientific research in the field of machinery and technology for the application of paint coatings P. N. Vlasheva Lakokras mat i kh prom no 5 11-11 '67
- Scientific research in the field of synthetic film-forming polymers and the production of high-quality paint materials P. M. Bogatyev, B. I. Piskunovskii Lakokras mat i kh prom no 5 6-9 '67
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- 667(471 232)—Leningrad City**
- Production of varnishes and paints in Leningrad during the years of Soviet rule N. A. Davydov, R. O. Bogatyev Lakokras mat i kh prom no 5 40-42 '67
- 667(471 316)—Yaroslavl Province**
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- 667(477)—Ukrainian S. S. R.**
- Development of the Kharkov "Krasnyi Khimik" Plant K. M. Goltsberg, N. M. Gel'fandman Lakokras mat i kh prom no 5 38-40 '67
- 667(479 22)—Georgian S. S. R.**
- Technology of local shellie production, N. G. Pasurashvili Trudy Inst zashch rast AN Gruz SSR 18 357-367 '66
- 668 VARIOUS ORGANIC CHEMICAL INDUSTRIES**
- Chemical composition of some willow timber varieties, A. I. Skrigun and others Khim prirodoznav no 6 392-395 '67
- Chemical composition of food hydrolytic lignin of different storage time, T. V. Murashkevich, A. I. Skrigun, Vest AN BSSR, Ser. khim. nav. no 1 69-93 '67
- Lengthening the service life of pitch coke ovens, E. S. Meniakin, V. P. Chernov, Koks i khim no 6 21-25 '67
- Organomercury aldehydes and resins, Do Lim Kyong, IU, A. O. Odeop, N. A. Maici Vest AN BSSR, Ser. khim. nav. no 3 99-101 '67
- Soaps as fillers for lithium lubricants, I. G. Fuks, A. N. Cherniak, B. N. Kartulin, Neftel i neftekhim, no 9: 20-23 '67
- Synthesis of monomer dyes based on aminostyrenes A. M. Shum, A. P. Donya Zhur VKHO 12 no 6 699-700 '67
- 668(477)—Ukrainian S. S. R.**
- Oil and fat industry of the Ukrainian S. S. R. V. I. Popov Khim prom no 5 42-45 O '67
- Production of essential oils in the Ukraine, V. Shalimov, Ekon Rad Ukr, 10 no 6 74-77 Te '67
- 669 METALLURGY**
- At the V. I. Lenin Central Chemical Laboratory of the "Kirovostal" Plant, A. K. Lidovskaya, Zav. lab. 33 no 10 1357 '67
- Comparative evaluation of some methods of introducing samples into the discharge zone in the spectral analysis of open-hearth slags, S. M. Zilbermint, A. M. Shvyrin, Uch. zap. Perm. gos un. no 159:222-226 '66
- Determination of rhenium in molybdenites and copper ores by the neutron-activation method, J. Mincowski A. Poldzinska, Zhur anal khim 22 no 10 1514-1518 O '67
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- Experience gained from installing structural elements of furnaces in a plant specializing in full hardening of rails K. A. Ogal, Mont i spets. rab. st. no 29 no 8 17-20 '67
- Liberal metallurgy M. Bal'shin, N. Manushkian Prom Arm 9 no 9 24-28 '66
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- Investigation of oxidizability of hard alloys V. V. Pukhonov Izv. vuzov, uch. zap. mashinost. no 6 103-105 '67
- On the eve of the fiftieth anniversary of the October Revolution, L. N. Tsiger, Zav. lab. 33 no 10 1352-1353 '67
- Our achievements and problems, N. V. Ais, A. I. Komisarov Zav. lab. 33 no 10 1355 '67
- Reinforcement of the working cadres of heavy industry L. Podvoiskii, V. Sergeeva, Prof. tekhn. obs. 24 no 114 N '67
- Solubility of carbides of metals of group IV A in molybdenum in the solid state A. M. Zafharov, E. M. Savitskii Dokl. AN SSSR 177 no 6 1397-1399 D '67
- Soviet metallurgical machinery industry during 50 years, A. I. Tselikov, Vest mashinost. 47 no 11 26-34 N '67
- The URGIPROMEZ: (Ukrainian State Institute for the Design of Metallurgical Plants) is the general designer M. B. Rozenshteyn Met. i gornorud. prom. no 5 88-89 S-O '67
- What is a ceramic metal? A. Motulovich Prom, Arm 9 no 9 72 '66
- 669(471 61)—Rostov Province**
- The procurement department of a plant works on a business accounting basis, G. Savchenko, Mat., tekhn. snabzh. 2 no 11, 84 N '67
- 669(474 3)—Latvian S. S. R.**
- Timermanis, E. A. [Practice in scientific organization of labor at the "Sarkanais Metalurgs" Plant in Liepaya, scientific organization of labor] Opyt nauchnoi organizatsii tuda na Liepajskom metalurgicheskom zavode "Sarkanais metalurgs", nauchnaia organizatsiia truda Riga, 1966. 11 p. (Lisok tekhnicheskoi informatsii).
- 669(477)—Ukrainian S. S. R.**
- Effectiveness of the reorganization, A. I. Zhukov Met. i gornorud. prom. no 5 21-25 S-O '67
- Ferrous metallurgy of the Ukrainian S. S. R. in the 50 years of Soviet government A. P. Kulikov Met. i gornorud. prom. no 5 2-6 S-O '67
- The glorious path of the "Dzerzhinska" Plant I. G. Filonov, V. A. Poprug Met. i gornorud. prom. no 5 13-16 S-O '67
- Iron- and steelworkers have reliable support G. T. Bardagov, V. A. Sarhin Met. i gornorud. prom. no 5 48-49 S-O '67
- Knowledge of metals and the quality of metal production, F. P. Starodubov, Met. i gornorud. prom. no 5 83-84 S-O '67
- More metal for beloved country, V. O. Kulikov, Met. i gornorud. prom. no 5 17-21 S-O '67
- Plant of the revolutionary glory, K. I. Kotov, N. I. Beda, I. N. Knyshov, Met. i gornorud. prom. no 5 7-12 S-O '67
- The plant works under new conditions, L. S. Krugliakov, A. I. Alalov Met. i gornorud. prom. no 5 42-45 S-O '67
- Standard bearer of the Ukrainian metallurgy N. S. Galatov Met. i gornorud. prom. no 5 28-32 S-O '67
- The word was for the komсомol, V. V. Ieporski, Met. i gornorud. prom. no 5 33-38 S-O '67
- 669(571 51)—Krasnoyarsk Territory**
- At the center of chemical laboratory of the A. P. Zavenagin No. 11 Mining and Metallurgical Combine, S. V. Bukharin, Zav. lab. 33 no 10 1356-1357 '67
- 669 017 PHYSICAL METALLURGY**
- Formation of eutectic and peritectic equilibrium in systems metal - metal-metal, V. M. Vozdvizhenskii, Izv. vuzov, uch. zap., tsvet. met. 10 no 5 131-135 '67
- High-temperature target for studying liquid metals, B. I. Khushchev, A. M. Bogomolov, L. S. Sharipova Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 11 no 4 34-36 '67
- 669 018 CERAMIC METALS**
- Ceramic metal materials for friction units, I. M. Fedovchenko, Porosh. met. 7 no 10 51-62 O '67
- Expansion of powder metallurgy in the U. S. S. R. during the 50 years of Soviet government S. I. A. Plotkin, Porosh. met. 7 no 10 100-109 O '67
- High-melting materials, G. V. Samsonov, Porosh. met. 7 no 10 76-83 O '67
- [High-melting materials in the machinery industry; a handbook] Tugoplavkie materialy v mashinostroeni; spravochnik Pod red. A. T. Tumanova i K. I. Portnogo. Moskva, "Mashinostroenie," 1967. 392 p.
- Scientific activity of the Institute for the Study of Materials at the Academy of Sciences of the Ukraine - A. S. S. R. I. N. Frantsovich, Porosh. met. 7 no 10 51-62 O '67
- Staniukovich, A. V. [Brittleness and plasticity of heat-resistant materials] Khim. i plastichnost' zharnoprochnykh materialov Moskva, "Metallurgiya," 1951 198 p.
- Strength of ceramic metal materials V. T. Trushchenko Porosh. met. 7 no 10 81-90 O '67
- 669 046 HEATING PROCESS**
- Continuous zinc removal from lead in a vacuum cell, V. S. Lisutin and others, Trudy Inst. met. i gornorud. Karak. SSR 26 77-82 '67
- Experience in smelting foundry cast iron with a decrease amount of slag in high-capacity furnaces, P. P. Mestel and others Stal' 27 no 12 1065-1068 D '67
- Heat process of 600-ton open-hearth furnaces operating on cold coke-oven gas M. G. Kostin and others Stal' 27 no 12 1110-1132 D '67
- Malvi, S. A. [Economic metal heating] Ekonomika i nagrev metallia. [Moskva], "Metallurgiya," 1967 151 p.
- 669 046(477)—Ukrainian S. S. R.**
- Give high-quality fuel to blast furnaces, A. S. Bruck, Met. i gornorud. prom. no 5 86-87 S-O '67
- 669 1 FERROUS METALS IRON STEEL**
- Aesthetics and production go together, S. Pevzner Metallurg 13 no 1 31-35 Ja '68
- Aesthetics reached the workshop K. D. Dzyuba Metallurg 13 no 1 37-38 Ja '68
- Beauty is a pledge of health V. Krut'kov Metallurg 13 no 1 35-37 Ja '68
- Development of electric traction transportation enterprises of ferrous metallurgy, G. D. Zharin Shoi nauch. tr. TSNII 8 11-51 '67
- Ferrous metallurgy, 1968-1970 M. A. Pevzner Metallurg 13 no 1 1-2 Ja '68
- Klimovitskii, M. D., and A. P. Kopelovich. [Automated control and regulation in ferrous metallurgy. A handbook] Avtomaticheskii kontrol' i regulirovaniye v ferrous metallurgii Spravochnik Moskva, "Metallurgiya," 1967 787 p.
- Mechanism of reduction in a fluidized bed, M. I. D. L. Lenko, O. S. Nychyporenko, B. S. Stashin Dokl. AN BSSR Ser. A 29 no 12 1123-1126 D '67
- Metal is the foundation of the socialist economy, V. I. Pavlov, Mat., tekhn. snabzh. no 10 33-40 '67
- Metallographic study of the deformation mechanism of E1702 steel, V. V. Krasavaya, V. P. Sukhova, Izv. vuzov, uch. zap., fiz. 10 no 8 129-130 '67
- Optimal investment planning in developing blast furnace practices with the aid of electronic digital computers and dynamic programming, I. S. Solomakhin, L. I. Rozhavskii, I. M. Burshstein Stal' 27 no 12 1124-1126 D '67
- Orientation analysis based on the quantitative polarization of rolled iron, G. M. Vorobiev, Izv. vuzov, uch. zap., fiz. 10 no 8 99-106 '67
- School of education M. Vaganov, Metallurg 13 no 1 38-39 Ja '68
- Work of the all-Union section for scientific and technical information of the NTO ChM (Scientific Technological Society of Ferrous Metallurgy), A. F. Mytynin, A. P. Leont'ev Stal' 27 no 12 1110 D '67
- 669.13 CAST IRON**
- Causes of pore formation in gas welding of iron, G. A. Astasovskaya and others, Svar. prof. no 12 37-39 D '67
- Effect of cyclic heating on the growth of magnesium cast iron, G. F. Tikhonov, A. P. Rutavitskiy, Metalloved. i term. obr. met. no 1 67-69 Ja '68
- Experience in smelting foundry cast iron with a decrease amount of slag in high-capacity furnaces, P. P. Mestel and others Stal' 27 no 12 1065-1068 D '67
- Isothermic hardening of cast iron diesel engine sleeves IU, G. Bobro, N. F. Vasilievskii Metalloved. i term. obr. met. no 1 75-77 Ja '68
- Krishtal, M. A., and E. G. Titenskii. [Properties of malleable cast iron] Svoistva kovkogo chuguna Moskva, "Metallurgiya," 1967. 230 p.
- Low-temperature annealing of cast iron parts G. A. Adoian Metalloved. i term. obr. met. no 1 75-74 Ja '68
- Metallography of cast iron, K. P. Bunin, IU, S. Tarin, Metalloved. i term. obr. met. no 5 73-80 My '67
- Metallurgy of cast iron, A. D. Gotlib, Met. i gornorud. prom. no 5 76-78 S-O '67
- Standard for a high-purity iron is needed, Stand. kazh. 31 no 9 68-69 S '67
- Structure of sulfocyanide layers in cast iron, I. S. Koifman, G. V. Laskova Metalloved. i term. obr. met. no 1 52-54 Ja '68
- 669.14 STEEL**
- Calculating metallic core diameters in steel ropes, M. F. Glushko, A. S. Pokhol'chenko Stal' 27 no 12 1134-1137 D '67

- Determining the coarse-grain structure of alloyed tool steels. A. A. Astaf'ev, I. A. Borisov. Metalloved i term. obr. met. no. 141-16. Ja '68.
- Corrosion properties of Kh18Ni9Ti steel joints welded in CO₂. V. V. Roshchin, G. N. Gusev, G. I. Agapov. Svar. prozv. no. 126-28. Ja '68.
- Determination of conditions for annealing cold-rolled coils in single-stack ball furnaces. D. I. Iakovlevskii and others. Stal' 27 no. 12 1120-1121 D '67.
- Effect of arsenic on hydrogen-treated steel during recrystallization of chromium. I. A. Prigert, M. N. Polukhtov. Uch. zap. Perm. gos. un. no. 159 121-128 '66.
- Effect of deformation and hardening temperatures on the mechanism of decomposition in the T1702 steel. V. I. Sukhorozov, V. V. Karavayeva. Izv. vys. ucheb. zav., fiz. 10 no. 6 85-92 '67.
- Effect of speed on forces and surface microgeometry in grinding ShKh15 steel. G. D. Polozhukin, L. A. Solomonov, V. A. Sotnikov. Izv. vys. ucheb. zav., mashinost. no. 133-136 '67.
- Effect of tellurium and selenium on hydrogen-treated steel in the process of electrodeposition of manganese. N. P. Shulgina, M. N. Polukhtov. Uch. zap. Perm. gos. un. no. 159 101-111 '66.
- Effect of the physicochemical properties of nickel deposits on the fatigue strength of steel. N. P. Fedot'ev and others. Zhur. prikl. khim. 40 no. 9 1961-1967 S '67.
- Foreign shipbuilding regulations on the use of high-strength steels. V. I. Mahmudov, M. N. Ispatkin. Trud. TSNIIM 13 no. 82 71-78 '67.
- Increasing the cutting process of a metastable 30Kh10C10 austenitic steel with electric contact heating. Sh. L. Tesler, S. P. Shchashov. Izv. vys. ucheb. zav., mashinost. no. 6 119-123 '67.
- Manual and automatic surfacing of stainless steel on forgings of AK-type steel. V. V. Volkov. Svar. prozv. no. 114-16. Ja '68.
- [Modern spring materials]. Sovremennye pruzhinnye materialy. Leningrad, 1967. 35 p. (Leningr. dom nauki i tekhn. prirodoznan. Ser. II "Uluchshenie kachestva", povyshenie nauchnosti i dolgovечnost. mashin. i priborov, elektromot. i radioelektr. apparatury.)
- New developments in research. G. G. Trifonov and others. Stal' 27 no. 12 1124 D '67.
- New high-speed highly resistant steels. B. L. Aleksandrova, I. U. A. Geller, I. S. Kriemnev. Metalloved i term. obr. met. no. 12-7. Ja '68.
- Soldering heat exchangers made of Kh18Ni9Ti steel. B. V. Savichev, S. G. Kulik. Svar. prozv. no. 131-35. Ja '68.
- Stainless steels. M. B. Shapiro. Metalloved i term. obr. met. no. 5 65-71. My '67.
- Steel corrosion in mixtures of acetic acid with aniline and pyridine. I. L. Kononova. Uch. zap. Perm. gos. un. no. 159 206-210 '66.
- Strain hardening of already hardened high-speed steel. I. B. Zhitomirskii and others. Metalloved i term. obr. met. no. 7-10. Ja '68.
- Strain hardening of steel in the process of bainite conversion. I. U. V. Shakhmurov. Stal' 27 no. 12 1118-1119 D '67.
- Studying the surface decarburization of steel in heating furnaces. L. P. Emel'yanenko and others. Stal' 27 no. 12 1116-1118 D '67.
- Threading of parts from corrosion-resistant steels using special taps. A. Z. Volynchuk, A. I. Filipov. Khim. i nef. mashinost. no. 12 10-11 D '67.
- Ways of improving the quality of metal at the Kuznetsk Metallurgical Combine. D. S. Kachurin, V. K. Kobayev. Stal' 27 no. 12 1112-1115 D '67.

669 15 ALLOYS OF IRON. ALLOY STEELS. FERROALLOYS

- Brittle failure of alpha-iron alloyed with nickel. I. U. I. Demkin, I. U. I. Matrosov, I. A. Evdokimova. Metalloved i term. obr. met. no. 1 80, 2 of cover. Ja '68.
- Characteristics of the dispersion hardening of cast, high-carbon alloys with addition elements. S. N. Ivanov, K. N. Minialovskii. Metalloved i term. obr. met. no. 1 64-67. Ja '68.
- Determining the temperature range of structural transformations in welding alloy steels. M. B. Zhukova, A. A. Ermoshin, V. A. Smirnov. Svar. prozv. no. 12/10-12 D '67.
- Diagram for determining the structure of weld metal in welding low-alloy steels. B. D. Lebedev. Svar. prozv. no. 12-3. Ja '68.
- Estimation of the tendency for brittle fracture of thin sheets. M. D. Abramovich, V. I. Gol'tsev, B. A. Drozdovskii. Atom. energ. 23 no. 6 557-558 D '67.
- Influence of electroplating on the properties of bimetal steel - aluminum joints. V. R. Rjabov, A. A. Ershov, L. G. Givnechevskaya. Svar. prozv. no. 12/29-32 D '67.
- Influence of the welding current, dynamic properties of electric current supply, and the remote control on mechanical properties of sheet steel welds. I. U. G. Bogdanov. Svar. prozv. no. 12/32-35 D '67.
- Present state of the aging theory of metallic alloys. I. U. A. Skakov. Metalloved i term. obr. met. no. 5/28-40. My '67.
- Refining 75% ferrosilicon from aluminum, calcium, and carbon in acid furnaces. V. A. Kravchenko, A. A. Serzhennikov. Stal' 27 no. 12 1097-1099 D '67.

- Smelting of 30% silicochromium using semicoke. V. P. Vorob'ev and others. Stal' 27 no. 12 1093-1096 D '67.
- Thermomechanical treatment of 20GMR steel in the process of continuous quenching. N. A. Zolotarev and others. Metalloved i term. obr. met. no. 5 22-26. My '67.

669 16 PRODUCTION OF PIG IRON AND IRON OF FIRST MELT

- Automatic measurement of the relief of filler materials in blast furnaces. V. A. Vorob'ev. Stal' 27 no. 12 1076 D '67.
- Automatic programming of blast furnace charging unit. E. E. Boreiko and others. Zhur. prikl. khim. 20 no. 11 8-9 N '66.
- Improving the technology of smelting converter pig iron. I. G. Sagardak and others. Metallurg 13 no. 1 5-8. Ja '68.
- Lanthanoids as stabilizers of graphite in cast iron. A. P. Lyubchik, N. V. Morozov. Metalloved i term. obr. met. no. 1 60, 63. Ja '68.
- New developments in research. V. N. Timofeev and others. Stal' 27 no. 12 1090-1091 D '67.
- New developments in research. V. N. Timofeev, V. K. Durnov. Stal' 27 no. 12 1131 D '67.
- Problem of the Gruner principle. A. N. Ramm. Stal' 27 no. 12 1072-1076 D '67.
- Studying and improving the design of blast furnace tuyeres. I. M. Elinson. Metallurg 13 no. 1 9-12. Ja '68.

669 18 PRODUCTION OF STEEL AND WROUGHT IRON

- Adopting the continuous casting of wide slabs with 150 x 1500 mm sections. A. I. Chirchikov and others. Stal' 27 no. 12 1082-1084 D '67.
- Automatic control of the composition of gas phase in electric furnaces. N. M. Churko and others. Metallurg 13 no. 1 15-18. Ja '68.
- Decarburization of steel in oxygen-blown converters. V. K. Dudkovskii and others. Stal' 27 no. 12 1079-1082 D '67.
- Developing and introducing the plan of scientific organization of labor in open-hearth furnaces. V. V. Kholavko. Metallurg 13 no. 1 20-21. Ja '68.
- Development of the production of oxygen-blown converter steel in capitalist countries. I. N. Lurie. Stal' 27 no. 12 1086-1089 D '67.
- Experience in the organization of socialist competition in metallurgy, 1959-1965. A. I. Kondratuk. Ukr. ist. zhur. 11 no. 12 88-91 D '67.
- Heat process of 600-ton open-hearth furnace operating on cold coke-oven gas. M. G. Kostin and others. Stal' 27 no. 12 1130-1132 D '67.
- Hydrogen in steel and natural gas. E. V. Kitai and others. Metallurg 13 no. 1 21-22. Ja '68.
- Investigating the oxidation of oxygen-blown converter metal at a low content of carbon. M. P. Krutko, V. A. Sinielnikov. Stal' 27 no. 12 1084-1086 D '67.
- The jubilee roll call of steelworkers. A. I. Delovoi. Met. i gor. rud. prom. no. 5/92-94. S-O '67.
- New developments in research. V. V. Isupov, I. G. Fadeev, V. A. Norov. Stal' 27 no. 12 1099 D '67.
- New developments in research. V. N. Timofeev and others. Stal' 27 no. 12 1090-1091 D '67.
- Smelting of boron stainless steel with a low nitrogen content. S. I. Khutrik and others. Stal' 27 no. 12 1092-1094 D '67.
- Using converter silicomanganese for the decarburization and alloying of steel. L. P. Givov, V. I. Semen'kov. Metallurg 13 no. 1 18-19. Ja '68.
- Using heavy-weight fagots for charging high-capacity open-hearth furnaces. A. P. Vasilavskii. Metallurg. 13 no. 1 13-15. Ja '68.

669.18(477)—Ukrainian S. S. R.

- Durability of cast products. L. M. Charkasov. Met. i gor. rud. prom. no. 5/85. S-O '67.
- Providing material incentives for fulfilling the plan. V. Nikulin. Fin. SSSR 41 no. 12 43-45 D '67.
- Steel is the basis of the national economy. V. I. Baptizmanekii, S. I. Levin. Met. i gor. rud. prom. no. 5/79-80. S-O '67.

669.2 NONFERROUS METALS

- Calculating the time of solution of phases in inequilibrium during the homogenization of binary alloys. V. V. Telashov, V. S. Zolotarevskii. Izv. vys. ucheb. zav., tsvet. met. no. 5-136-141 '67.
- Condensation of arsenic sulfide in vacuum. R. A. Isakova, M. M. Spivak, L. S. Chelchikova. Trudy Inst. met. i obog. AN Kazakh. SSR 26, 08-76 '67.
- Creator of the school of nonferrous metal metallurgists. S. M. Anisimov. TSvet. met. 40 no. 10 141-105 O '67.
- Departments of nonferrous metallurgy in Institutes of Higher Learning and their role in expanding the national economy of the U. S. S. R.; on the 50th anniversary of Soviet government. Izv. vys. ucheb. zav., tsvet. met. 10 no. 5-3-23 '67.
- Diffusion welding of titanium with titanium, nickel and copper. I. V. Afanas'ev. Svar. prozv. no. 12-14. Ja '68.
- Economics of nonferrous metallurgy during the anniversary year. N. T. Glushkov. TSvet. met. 40 no. 10 13-18 O '67.

- Effect of the nature of quaternary ammonium compounds on the extraction of cyanide complexes of metals and cyanide. B. N. Iakovlev and others. Dokl. AN SSSR 177 no. 6 1109-1113 D '67.

- External regulation with continuous measurement of the final difference. G. N. Tikhonov. Izv. vys. ucheb. zav., tsvet. met. 10 no. 5 156-160 '67.
- From the Mining Academy to the Moscow Institute of Nonferrous Metals and Gold. V. A. Pazukhin. TSvet. met. 40 no. 10 121-137 O '67.
- Full utilization of raw materials in nonferrous metallurgy. V. N. Leksan. TSvet. met. 40 no. 10 63-71 O '67.
- Interaction between tungsten oxychlorides and the chlorides of accompanying impurities. B. G. Korshunov, V. N. Bernes-kafa. Izv. vys. ucheb. zav., tsvet. met. 10 no. 5 105-108 '67.
- Kinetics of autoclave oxidation of lower sulfides of nickel, cobalt and copper in ammonia solutions. S. S. Nabolchenko, I. I. Khudiyakov, V. I. Smirnov. Izv. vys. ucheb. zav., tsvet. met. 10 no. 5 52-58 '67.
- Mechanism of magnesium refining by titanium-containing materials. A. T. Vukhach and others. Izv. vys. ucheb. zav., tsvet. met. 10 no. 5 80-85 '67.
- [Metallurgy of tungsten, molybdenum and niobium]. Metallurgiya vol'frama, molibdena i niobia. Moskva, "Medita," 1967. 221 p.
- Nonferrous metallurgy is working for communism. TSvet. met. 10 no. 10 1-11 O '67.

- Pages of history of the development of the copper industry in the U. S. S. R. L. G. Martirosovich Gazarian. TSvet. met. 40 no. 10 115-117 O '67.
- Pilot-plant testing of the vacuum refining of selenium in continuous action equipment. R. A. Isakova and others. Trudy Inst. met. i obog. AN Kazakh. SSR 26 13-20 '67.
- Present state and prospects of using extraction and sorption processes in nonferrous metallurgy. V. N. Leksan. TSvet. met. 10 no. 12 1-6 D '67.
- Rhenium extraction by mixtures of triethylamine and tributyl phosphate from nitrate media. V. M. Nerechov, A. N. Zychman. Izv. vys. ucheb. zav., tsvet. met. 10 no. 5 113-116 '67.
- Scale formation during the vacuum distillation of selenium. A. A. Reznikov, R. A. Isakova, V. S. Tsutun. Trudy Inst. met. i obog. AN Kazakh. SSR 26 22-26 '67.
- Selecting methods of calculating the solubility of chalcogenides. T. N. Givchev. Izv. vys. ucheb. zav., tsvet. met. 10 no. 5 41-51 '67.
- Sources of Soviet nonferrous metallurgy. B. L. Granovskii. TSvet. met. 40 no. 10 97-99 O '67.
- Studying the thermodynamic properties of liquid Cd-Bi-Sb alloys by the electromotive force method. A. G. Morachevskii, I. N. Gerasimenko, V. A. Zhuravlov. Izv. vys. ucheb. zav., tsvet. met. 10 no. 5 90-96 '67.
- Technical progress in light alloy ingot casting. V. I. Dobatkin. TSvet. met. 10 no. 10 47-51 O '67.
- Thermal behavior of arsenopyrite and pyrrhotite in vacuum. R. A. Isakova and others. Trudy Inst. met. i obog. AN Kazakh. SSR 26 57-67 '67.
- Under the sign of technical progress. A. P. Smurnikov. TSvet. met. 40 no. 10 34-42 O '67.
- Vacuum refining of selenium. A. A. Reznikov, V. N. Nerechov, R. A. Isakova. Trudy Inst. met. i obog. AN Kazakh. SSR 26/27-36 '67.

- Workers are the golden assets of nonferrous metallurgy. L. V. Kozlov. TSvet. met. 10 no. 10 18-33 O '67.

669 2(234)—Mountains of Europe

- From reminiscences on the reconstruction of the copper industry in the Urals. V. I. Smirnov. TSvet. met. 40 no. 10 112-114 O '67.
- History of copper refining in the Urals during the last 50 years. V. A. Aglitiskii. TSvet. met. 40 no. 10 117-118 O '67.

- Skillful workers of the Urals. N. M. Usachev. TSvet. met. 40 no. 10 90-92 O '67.

669 2(438)—Poland

- Results and prospects for socialist cooperation between the U. S. S. R. and the Polish People's Republic. A. Lesniak. TSvet. met. 40 no. 10 83-87 O '67.

669.2(439)—Hungary

- Aluminum industry in Hungary. D. Dobos. TSvet. met. 10 no. 10 78-83 O '67.

669.2(471.23)—Leningrad Province

- Named for S. M. Kirov. A. A. Gailit. TSvet. met. 40 no. 10 86-87 O '67.

669 2(479.25)—Armenian S. S. R.

- Reconstruction of Kafan mines. M. G. Petrosian. TSvet. met. 40 no. 10 123-124 O '67.

669.2(497.2)—Bulgaria

- Nonferrous metallurgy in the People's Republic of Bulgaria is the product of Bulgarian-Soviet friendship. G. Pavlov. TSvet. met. 40 no. 10 72-77 O '67.

669.2(571.17)—Kemerovo Province

- Plant born in difficult years. L. A. Bugarev. TSvet. met. 40 no. 10 90-102 O '67.

- EPA

681 1 (Continued)

- Preparation of optimal flight traffic tables. V. G. Galaburda, R. M. Tsarev. *Zh. dor. transp.* 49 no. 7:83-85 JJ '67.
- Principle of the construction of the digital part of an analog-digital computer system. D. D. Gurovskii. *Sov. AN Glaz SSR* 48 no. 2:417-422 N '67.
- Problem of creating an automated system of planned calculations. B. Volchikov. *Plan. Khoz.* 44 no. 148-55 Ja '68.
- Problems of improving methods of technical and economic calculations and of using electronic computers in planning material lines. V. U. Gots. *Trudy DNT* no. 70:30-36 '66.
- A program calculating phase and amplitude spectra. V. M. Markushovich. *Vys. sush. mat.* 3:110-117 '67.
- Pshonchov, G. I. [Free and forced oscillations of a thin resilient cylindrical shell with open cross section] *Svobodnye i vyzhuzhennyye kolebaniya tonkoi uprugoi tsilindricheskoj obolochki otkrytogo profilja*. Moskva, Vychislitel'nyi tsentr AN SSSR, 1967. 98 p. (Trudy Vychislitel'nogo tsentra AN SSSR).
- Restoration of recursive procedures. V. V. Lutsikov. *Zh. vych. mat. i mat. fiz.* 7 no. 6:1310-1357 N-D '67.
- Reliability of semiconductor diodes in the M-20 computer. V. V. Verigin. *Vop. tekhn. i ekspl. vych. mash.* no. 148-53 '67.
- Results of statistical study of programs using the M-20 computer. V. S. Shatman, T. P. Kuznetsova. *Vop. tekhn. i ekspl. vych. mash.* no. 151 '67.
- Rozental, M. A. [Magnetronics] *Magnetronika*. Moskva, "Nauka," 1967. 262 p.
- Search minimization in the synthesis of a three-stable threshold element. L. N. Bogolubov. *Kibernetika* no. 6:85-87 N-D '67.
- Second International Conference on the Application of Computer Technique in Control Processes. D. M. Reibovich. *Vest. AN SSSR* 37 no. 12:71-75 D '67.
- Self-contained determination of motion parameters of spacecraft. V. A. Vasil'ev. *Kosm. issl.* 5 no. 6:811-816 N-D '67.
- Sequential expansion of algorithmic languages. A. A. Lebedevskii. *Kibernetika* no. 6:1-6 N-D '67.
- Simple subband π -c integrator. V. I. Gostev. *Izv. vya. ucheb. zav. priib.* 9 no. 197-99 '66.
- Simplification of the electric diagram of the AVB-100M automatic water-measuring tanks. V. A. Kravchenko. *Khark. fond. prom.* 11 no. 11:32-33 N '67.
- Some problems of design of autonomous inverters. I. M. Pains. *Izv. vya. ucheb. zav. priib.* 10 no. 11:53-56 '67.
- Stability of an electronic mathematical model for solving a differential equation. A. N. Ichedev. *Izv. vya. ucheb. zav. priib.* 9 no. 181-86 '66.
- Static errors of analog-to-digital converters. A. P. Knipfer. *Izv. tekhn.* no. 8:37-41 Ag '67.
- Statistical analysis and modeling on electronic digital computers of the duration of basic industrial operations in open-pit mines. U. A. Dzhurkaganov, I. V. Nodlin. *Trudy Inst. Kozh. i d. Kozh. SSR* 29:44-49 '67.
- Statistical studies of an algorithm of cognition of machine-written symbols. L. S. Hlebovagin, V. K. Eliseev. *Kibernetika* no. 6:65-72 N-D '67.
- Structural mechanics and computer techniques. A. I. Smirnov. *Stroi. mekh. i kach. stoi.* 9 no. 5:8-19 '67.
- Study of the kinetics of complex reaction by means of computers. I. I. Rusan, G. A. Furman, B. V. Pavlov. *Khim. fiz.* 8 no. 1:887-891 '67.
- Studying multiple connections between physical properties and geophysical parameters of rocks. V. N. Kurganskii, V. I. Ioginov. *Izv. vya. ucheb. zav. priib.* 10 no. 6:20-24 '67.
- Stupin, I. V. [Mathematical machines and programming. Textbook for students majoring in any field] *Matematicheskie mashiny i programmirovaniye. Uchebnoe posobie dlia studentov vseh spetsial'nostei*. Moskva, Redaktsionno-izd. otdel, 1967. 139 p.
- Supply procurement with computers and managerial equipment. V. Lagutkin. *Mat. i tekhn. snabzh.* no. 10:41-51 '67.
- System for by-operational control and operational exchange of information for two M-20 electronic digital computers. I. I. Girenko. *Vop. tekhn. i ekspl. vych. mash.* no. 139 '67.
- System of information codes. L. P. Tulupov, V. A. Chiborin. *Zh. dor. transp.* 49 no. 4:51-53 Ap '67.
- System of the mechanized processing of observation materials of the mass hydrological network of the Main Administration of the Hydrometeorological Service of the U.S.S.R. N. F. Dement'ev, V. I. Grigor'ev. *Trudy NIAG* no. 39:15-21 '67.
- Use of an electronic digital computer in calculating the planetary characteristics of the earth's gravitational field. V. V. Buruk, G. A. Kharkovich. *Izv. vya. ucheb. zav. priib.* 10 no. 3:95-101 '65.
- Use of chain search in an algorithm for the solution of a class of economic planning problems with the aid of an electronic computer. I. A. Lustenik, I. P. Maizlin. *Dokl. AN SSSR* 177 no. 3:511-513 N '67.
- Use of electronic computers in designing bridges. A. L. Tselin. *Avi. dor.* 30 no. 8:20-21 Ag '67.
- Use of punched cards for graphic notes as a mechanized carrier of hydrologic information. N. F. Dement'ev, V. I. Grigor'ev. *Trudy NIAG* no. 39:22-28 '67.

Using mathematical economics and electronic computers in the design of ships. V. S. Dorin, V. M. Pashin, V. E. Soldatov. *Sudostroenie* 37 no. 11:17-21 N '67.

Using the punched-card method in the study of tetra-radiationals. A. G. Kravtsov, N. A. Spasskii. *Uch. zap. NIIGI Paleont. i biost.* no. 17:89-100 '67.

Work of the Section of the Economic Efficiency of Capital Investments and New Equipment of the Institute of Economics of the Academy of Sciences of the U.S.S.R. *Sbornik nauch. inform. Nauch. sovet. po eff. osn. fond. kap. vlož. i nov. tekhn.* AN SSSR no. 11:144-147 '67.

681 1(471 310)—Moscow City

On the Chair of Computational Mathematics and the Computational Center at Moscow University. I. S. Betozin. *Vest. Mosk. Un. Ser. 1: Mat. i mekh.* 22 no. 6:52-60 N-D '67.

681 1(471 54)—Sverdlovsk Province

Planning for microfilm specialization with the use of the linear programming method. A. F. Sidorov. *Dokl. i soob. VNIISKII* no. 39:111-118 '66.

681 1(477)—Ukrainian S. S. R.

Calculation of the productive capacity should be put on a scientific basis. I. Ilinsk. *Vopr. Rad. Ukr.* 10 no. 6:40-41 1c '67.

681 2 INSTRUMENT MAKING INSTRUMENTATION

Bending of plane spring in precision measuring instruments. E. I. Tybakovich. *Izv. tekhn.* no. 8:87-89 Ag '67.

[Design and construction of elements of gyroscope devices] *Raschet i poekhtirovanie elementov gloskopicheskikh ustroystv*. Leningrad, "Mashinostroyeniye," 1967. 478 p.

Diaphragm as a sensory element of an accelerometer. A. A. Razorenov. *Izv. tekhn.* no. 8:30-32 Ag '67.

Entropy error. E. F. Dolinskii. *Izv. tekhn.* no. 8:12-14 Ag '67.

Error in measuring a group of interrelated parameters with known distribution and correlation. V. I. Sobolev. *Izv. tekhn.* no. 8:9-12 Ag '67.

Evaluating a magnetic recorder. L. B. Petrov. *Izv. tekhn.* no. 8:65-68 Ag '67.

Initial methods and means for vibration measurements. V. I. Lashan, V. S. Shkalkov. *Izv. tekhn.* no. 11:61-66 N '67.

[Instrument manufacture and means for automatic control. Transactions of the First Conference of Young Scientists and Specialists of Moscow] *Priboirostoyeniye, sredstva avtomatizatsii i sistemy upravleniya. Trudy I konferentsii molodykh uchennykh i spetsialistov g. Moskvy*. Moskva, "Nauka," 1967. 307 p. (Mir glazami molodogo uchenogo).

Lokhtalov, V. M. [Control and measurement devices in the gas industry] *Kontrol' i izmeritel'nye pribory v gazovom khoziaistve*. Leningrad, "Nedra," 1967. 254 p. (Biblioteka mastersa gazovogo khoziaistva).

Modernization of slide gauges of the "Kalibi" Plant. L. S. Zubenko. *Izv. tekhn.* no. 8:85-86 Ag '67.

Optimum dynamic characteristics of a gyro vertical at a random movement of the object and a random gyroscope drift. I. B. Chupinov. *Mekh. tver. tela* no. 1:53-57 Ji-Ag '67.

Results of and prospect for the Soviet instrument industry in the anniversary year. K. K. Vavilov, G. D. Zazvatskii. *Izv. vya. ucheb. zav. priib.* 10 no. 10:7-12 '67.

Rumshiskii, L. Z. [The slide rule] *Scheitnaya linelka*. Izd. 3-a, pererabot. i dop. Moskva, "Nauka," 1967. 64 p.

Theory of a power gyrostabilizer. A. M. Formalskii. *Mekh. tver. tela* no. 1:56-61 Ji-Ag '67.

Unit for measuring electric parameters of solid dielectrics heated in a 8-mm wave band. E. B. Zaiman and others. *Izv. tekhn.* no. 8:54-56 Ag '67.

Weight indicator on a bridge crane. V. P. Topolev and others. *Izv. tekhn.* no. 8:89-90 Ag '67.

681 4 OPTICAL APPARATUS

Anastigmat photographic and cinematographic apparatus on the eve of the 50th anniversary of the October Revolution. V. I. Mordasov. *Opt. -mekh. prom.* 34 no. 11:36-43 N '67.

Analysis of errors in resolution measurement. I. U. N. Gorokhovskii, V. V. Levina. *Opt. -mekh. prom.* 33 no. 10:24-28 O '66.

Analysis of the optical properties of focal cones. V. K. Baranov, G. K. Mel'nikov. *Opt. -mekh. prom.* 33 no. 9:1-4 S '66.

Design of "Planar"-type objective lenses. O. N. Vasil'evskii. *Opt. -mekh. prom.* 33 no. 4:18-22 Ap '66.

Development of equipment for measuring roughness of surfaces in the U.S.S.R. L. V. Dunin-Barkovskii, V. I. Fridman, V. S. Lukhtanov. *Izv. tekhn.* no. 11:32-36 N '67.

Development of microscope manufacture in the U.S.S.R. in the last fifty years. G. E. Skvortsov. *Opt. -mekh. prom.* 34 no. 11:27-35 N '67.

Effect of changing the arrangement of the components of a circuit in measuring the phase difference with a Rabinet compensator. B. I. Vasil'ev. *Opt. -mekh. prom.* 33 no. 10:1-6 '66.

Effect of inhomogeneities in a layer of glue on the resolving power of an optical system containing glued optical parts. A. P. Buh. *Opt. -mekh. prom.* 34 no. 10:52-55 O '67.

Electron-microscope analysis of chromium and molybdenum deformed under high pressure. E. D. Marlynov and others. *Dokl. AN SSSR* 176 no. 6:1276-1277 O '67.

Experimental determination of the accuracy of combination of star images and the planetary edge in telescopes of different parameters. I. P. Osipova, E. L. Sokolovskii. *Opt. -mekh. prom.* 34 no. 11:52-53 N '67.

Feasibility of producing holograms with the aid of a reference ray whose wavelength differs from the wavelength of the radiation scattered by the object. I. U. N. Denisuk, D. I. Stasenko. *Dokl. AN SSSR* 176 no. 6:1271-1273 O '67.

Interferometer for testing the quality of aspherical surfaces of revolution of the second order. D. T. Purney and others. *Opt. -mekh. prom.* 33 no. 4:23-29 Ap '66.

Lathe for adjusting the height of microscope objectives. G. E. Skvortsov, I. M. Dolinskaya. *Opt. -mekh. prom.* 33 no. 9:17-20 S '66.

New instruments. R. M. Kasherininov. *Opt. -mekh. prom.* 34 no. 11:18 N '67.

Optical cryostat with mechanical shifting of the test-piece. M. I. Valakh, V. N. Malin'ko, G. G. Tsebulia. *Zh. prikl. spekt.* 7 no. 6:970-972 D '67.

Phosphorescent microscope. I. A. Polakov. *Zhur. prikl. spekt.* 7 no. 4:633-637 O '67.

Photoelectric devices for automatic focusing of objective lenses. G. V. Denisuk, L. P. Churaev. *Opt. -mekh. prom.* 33 no. 4:39-58 Ap '66.

Photometer with inversely elliptical variation of rays. A. I. Omel'chenko, N. V. Malysheva. *Opt. -mekh. prom.* 33 no. 10:29-33 O '66.

Projection-type resolution gage and fields of its application. I. U. N. Gorokhovskii, V. V. Levina. *Opt. -mekh. prom.* 33 no. 9:26-31 S '66.

Selection of some parameters for slot analyzers of the field of view. A. V. Novikov, M. A. Peniaz. *Opt. -mekh. prom.* 33 no. 1:6-9 Ap '66.

Testing the alignment of lenses. V. G. Safutin. *Opt. -mekh. prom.* 33 no. 4:11-13 S '66.

Transparency of thin films of the alkali metals lithium, sodium, and potassium in the ultraviolet spectral region. V. M. Novikov, G. N. Vasni. *Opt. -mekh. prom.* 34 no. 10:22-25 O '67.

Use of a sonus for sighting in evaluating the quality of plane surfaces by the method of two-ray interference. I. U. N. Kontushev, V. A. Leoktsov. *Opt. -mekh. prom.* 33 no. 4:29-31 Ap '66.

681 4(471 311)—Moscow Province

Reorganization of the Krasnogorsk Engineering Works. I. A. Voronin, F. B. Zlotnikov, P. G. Grodninskii. *Opt. -mekh. prom.* 34 no. 11:73-80 N '67.

681 8 TECHNICAL ACOUSTICS MUSICAL INSTRUMENTS. SOUND RECORDING, REPRODUCTION

Prostakov, A. L. [Hydroacoustics and the ship; based on materials of the foreign press] *Gidrokustika i korabi*, po materialam zarubezhnoi pechati. Leningrad, "Sudostroenie," 1967. 200 p.

684 COACHBUILDING FURNITURE-CABINET MAKING UPHOLSTERY

Golkov, V. I., and Z. F. Rosina. [Handbook for workers in furniture enterprises (laboratories)] *Posobie dlia rabotnikov laboratorii mebel'nykh predpriyatii*. Izd. 2-e, pereizd. Moskva, "Lesnaya prom-st'," 1967. 162 p.

Overall standardization in furniture manufacture. I. V. Glushenko. *Stand. i kach.* 31 no. 9:19 S '67.

685 SADDLERY FOOTWEAR GLOVES TRAVEL, SPORT, GAMES AND OTHER EQUIPMENT

685(474 2)—Estonian S. S. R.

Leather and shoe industry of Estonia during the years of Soviet rule. I. U. N. Vladychin. *Kozh. -obuv. prom.* 9 no. 12:1-6 D '67.

685(474 5)—Lithuanian S. S. R.

RT-250 tearing machine with a tensometric strength-measuring device. M. M. Sutauskas, I. I. Liukaitis, V. L. Rajackas. *Kozh. -obuv. prom.* 9 no. 12:27-28 D '67.

685(477)—Ukrainian S. S. R.

Device for a mechanical feed of glue. A. M. Dlatel, V. F. Bakhantseii, A. M. Gurevich. *Kozh. -obuv. prom.* 9 no. 12:31-32 D '67.

Leather, shoe, and accessories industry of Ukraine on the 50th anniversary. N. Z. Vasiluk. *Kozh. -obuv. prom.* 9 no. 12:10-14 D '67.

685(477 8)—Western Ukraine

Public bureau of economic analysis in a factory. T. Zakharova, I. A. Feihin. *Ekonom. Rad. Ukr.* 10 no. 6:81-82 Je '67.

685(479 25)—Armenian S. S. R.

Bringing together two branches of industry. V. Dzhafar. *Prom. Avm.* 9 no. 9:13-14 '66.

666 BOOKBINDING GILDING SILVERING MIRROR GLAZIER WRITING AND OFFICE ARTICLES

Sel'stoi for bookbinders, F. Lazoria, V. Mitrokhin, 7
no 12 14 '67.

667 CLOTHING INDUSTRY TOILET ARTICLES, BRUSHES, ETC

F. M. ... of a ... in the ...
no 13 17 S-O

... of a ... of clothing in
... of ... in the ...
no 13 20 27

... of a ... of ...
no 13 24-26 S-O '67

... of a ... of ...
no 13 34 '67

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no 13 34 '67

Calculation of glaze-wind loads on high constructions
M. V. Zavarina, M. M. Borisenko, Trudy GGO no 210
39-46 '67

Chairman of the commission on quality, has the floor.
Sel'stoi no 18 no 12 3 D '63

Construction is our most important task. V. Korol'kov.
Prof.-tekh. obr. 23 no 5 5-6 My '66.

Discussions of K. B. Leikina's report. Shor. nauch.
inform. Nauch. sov. po eff. osn. fond. kap. v. lozh. i. nov.
tekh. AN SSSR no 11 48-57 '67

Drawing up a construction finance plan deserves serious
attention. V. Ivanov, Sel'stoi no 18 no 12 20 D '63

Ekel'chik, M. S. (Building norm setter's handbook) Sprav-
ochnik normirovshchika-stroitel'sta. Izd 3-e. Kiev,
"Budivelnik," 1967 279 p.

Estimated price determination and accounting for indivi-
dual expenditures in building production. V. Tolstol.
Vest. stat. no 11 36-44 '67

Experience gained from installing structural elements of
furnaces in a plant specializing in full hardening of rails.
K. A. Ogai, Mont. i. spets. rab. v. stroit. 26 no 8 17-
20 Ag '67

In the "Gosstroil" of the R. S. F. S. R. Na stroit. Ros. 8
no 8 31 '67.

In the Ministry of Construction of the R. S. F. S. R. Sel's-
toi, 18 no 6 30-31 Je '63.

In the Ministry of Construction of the R. S. F. S. R. Sel's-
toi, 18 no 12 26-27 D '63

Intercollective farm construction organizations take the
construction on the collective farms fully into their own
hands. A. Smirnov, Sel'stoi, 18 no 2 12-13 F '64.

Interfarm construction organization of Altai is improving
its work. A. Burov, Sel'stoi, 18 no 12 15 D '63

Introduce the plan of the scientific labor organization in-
to the operation of the trust. G. Bobylev, Na stroit. Ros.
8 no 8 12 '67.

Legal status of construction organizations. L. S.
Dzhemardzhidze, Sov. gos. i. pravo no 1106-112 Ja '68.

Liquidating deficiencies in construction on collective
farms. L. Svetlov, Sel'stoi, 18 no 12 13 D '63.

Network schedule graphs in the practice of a housebuild-
ing combine. S. Simenkov, A. Loleit, Na stroit. Ros. 8
no 8 8-9 '67.

New system, new regulations. A. Kirichenko, Na stroit.
Ros. 8 no 8 14-15 '67.

Our wonder-working construction engineers. S. Pinchuk.
Tyl i. snab. Sov. Vost. Sil 27 no 9 83-84 S '67.

Popov, L. N. (Quality control in housing construction)
Kontrol' kachestva rabot v zhilishchnom stroitel'stve.
Izd 2-e, pererabot. 1 dop. Moskva, "Vyssh. shkola,"
1967 207 p.

Scientific bases of consolidated production. I. Oves,
V. Spektor, Na stroit. Ros. 8 no 8 25-26 '67.

Scientific Research Institute of Structural Elements in
honor of the 50th anniversary of the Great October
Revolution. V. A. Mikhailov, Bel. i. zh. i. bel. 13
no 11 44-47 N '67

Smekhov, B. M. (Billions for construction work) Milliar-
dy na stroitel'stvo. Moskva, "Statistika," 1967. 59 p.
(Statistika dlia vsekh).

Socialist competition and the scientific organization of
labor. V. Zagorukhin, Na stroit. Ros. 8 no 8 11 '67.

Standard network scheduling graph for an apartment build-
ing. V. Orlov, U. Ignat'ev, Na stroit. Ros. 8 no 8 9-
10 '67.

Steadily improve the quality of construction in the
village. Sel'stoi, 18 no 12 1-2 D '63

Stide of Soviet builders. Na stroit. Ros. 8 no 8 1-2
'67.

Study of construction climatology in the U. S. S. R. and
abroad. L. E. Anapol'skaia, M. V. Zavarina, Trudy
GGO no 210 3-10 '67

Study yourself and teach others. P. Lipkin, Sel'stoi, 18
no 2 16-17 F '64.

Supplanting manual labor by mechanization. Na stroit.
Ros. 8 no 8 22-23 '67.

The system for settling accounts for completed work in
convent, E. Libskind, Na stroit. Ros. 8 no 8 7 '67.

Technological information. Sel'stoi, 18 no 6 20 Je
'63

Theoretical method for determining the settling of one-
row pile foundations. A. A. Bartolomei, S. I. Guaman,
Uch. zap. Perm. gos. un. no 131 3-13 '66.

There are no trifles in mechanization. L. Ankudinov, Na
stroit. Ros. 8 no 8 6 '67.

Using plastics for the installation of control and measur-
ing instruments. A. S. Kluev, Mont. i. spets. rab. v.
stroit. 29 no 6 24-26 Ag '67.

We have to take measures quickly. M. Shulenin, Sel's-
toi, 18 no 6 23-24 Je '63.

Work of the Research Institute of the Economics of
Construction of the State Construction Committee of
the U. S. S. R. Shor. nauch. inform. Nauch. sov. po eff.
osn. fond. kap. v. lozh. i. nov. tekhn. AN SSSR no 11 151-155
'67.

69(471. 24)—Novgorod Province

Communism is founded on work and only on work.
I. A. Bednagin, Sel'stoi, 18 no 2 11-12 F '64.

69(471. 312)—Tula Province

Indifference to the quality of rural construction.
M. Shulenin, Sel'stoi, 18 no 12 8-9 D '63

69(471. 315)—Ivanovo Province

No speed, no quality. V. Paulin, Sel'stoi, 18 no
10-11 D '63

69(471. 321)—Orel Province

Is this the way to build? P. Lipkin, Sel'stoi, 18
no 12 7-8 D '63

69(471. 318)—Kaluga Province

Analysis of a case of intensive deposition of glaze on
the cable of the Obninsk tower. Ch. A. Shulenin, Trudy
GGO no 210 57-61 '67

69(471. 43)—Kuybyshev Province

Some of the best. S. Sed. spets. obr. 11 no 11 9 '64

69(471. 54)—Sverdlovsk Province

A practical training ground in a construction school.
G. Solomein, U. Mal'nev, Prof.-tekh. obr. 21 no 11
22 My '66.

69(477)—Ukrainian S. S. R.

The firstborn of the prewar five-year plans. V. V.
Orshanskii, S. Sed. spets. obr. 11 no 11 20 '64

69(571. 62)—Kharkov Province

The most "earthly" profession. V. Orshanskii, S. Sed.
av. 24 no 8 / Ag '67

69 02 STRUCTURAL PARTS OF BUILDINGS

Construction of walls with pyrocarbon mortar. I. V. Voz-
nikovskii, Sel'stoi, 18 no 2 19-20 F '64

69 05 SITE ORGANIZATION, METHODS, EQUIP- MENT, PLANT

Advantages of having integrated crews. T. A. Kabanov,
8 no 8 13 '67.

Brief news. Sel'stoi, 18 no 3 21-26 My '64.

Chudakov, K. P., and V. I. Boldinov. [Report of construc-
tion machinery] Romont stroitel'nykh mashin. Izd 2-e
ispr. 1 dop. Moskva, "Vyssh. shkola," 1967 352 p.

Contribution of young builders. S. P. Iltis, Na stroit.
Ros. 8 no 8 24 '67.

High quality work in a matter of hours of the day.
A. Karmalyga, Sel'stoi, 18 no 12 4 D '63

Make wider use of the resources. V. Rodnikoff, Na stroit.
Ros. 8 no 8 4 '67.

Mechanized device for the production of reinforced
concrete frames. L. Orlov, Sel'stoi, 18 no 6 13 F '64

Rabinovich, V. V. [Operational planning in the construc-
tion industry] Operativnoe planirovaniye stroitel's-
tva. Moskva, "Ekonomika," 1967 15 p.

Some problems of improving the use of equipment in
capital construction. V. Kulikov, Trudy GGO no 210
52-54 D '67.

Try it yourself. Sel'stoi, 18 no 2 27-28 F '64

Try it yourself. Sel'stoi, 18 no 3 23-24 My '64

Try it yourself. Sel'stoi, 18 no 12 11 D '63

We are introducing advanced methods. N. D. Kabanov,
Na stroit. Ros. 8 no 8 3 '67.

69. 05(471. 25)—Pskov Province

Industrialization is the secret of success in construction.
I. A. Shalda, Sel'stoi, 18 no 2 10-11 F '64

69. 05(471. 311)—Moscow Province

To work in such a way is no credit to the Master. M. Shulenin,
Sel'stoi, 18 no 1 13-16 My '64

69. 05(471. 42)—Ulyanovsk Province

Volunteer inspection of the quality of work. V. P. Kabanov,
Sel'stoi, 18 no 12 5-6 D '63

69. 05(574)—Kazakh S. S. R.

House made of blockrooms for the village. V. P. Kabanov,
Sel'stoi, 18 no 12 18-19 D '63

691 BUILDING MATERIALS

[Building materials industry of the U. S. S. R. 1917-1957]
Promyshlennost' stroitel'nykh materialov SSSR 1917-
1957. Pod red. Boldyrov A. S. [Moskva, Stroizdat,
1967] 332 p.

A great specialist. V. V. Pinadzhian, Prom. Arty. 1
no 8 45 '66.

Industrial supply center of interfarm construction
organization. M. Anikin, M. Vafanov, IA. Zh. i. bel. 13
no 11 20-21 D '63

More building materials for rural constructions. Sel's-
toi, 18 no 6 1-2 Je '63.

More efficient transportation of building materials. P. P.
Khorikov, Zhel. dor. transp. 49 no 8 85-86 Ag '67

Products of the construction industry for rural build-
ing. N. Minin, Sel'stoi, 18 no 6 5-6 Je '64

Providing construction sites with complete sets of ma-
terials. K. Sharonov, Mat.-tekh. snabzhen. 2 no 2 11-12 N
'67.

691 BUILDING MATERIALS

691 BUILDING MATERIALS

691 BUILDING MATERIALS

691 BUILDING MATERIALS

691 BUILDING MATERIALS

- 691 (471 328)—Mordvin A. S. S. R.
"Glindit" construction in Mordovia. B. E. Rodin. Uch. zap. Mord. gos. un. no. 31 92-98 '63
- 691 (477)—Ukrainian S. S. R.
Supply, the national economy with high-grade building materials. Ekou Rad. Ukr. 10 no. 6 57-61 Je '67.
- 691 1 MATERIALS OF ORGANIC ORIGIN. TIMBER, ETC.
Kreishman, K. K. [Protection of wooden structural elements from putrefaction, wood borers, and fire. (Practical manual)] Zashchita derevnykh konstruktstov ot gnilenia, drevotochtsevi ognia (Prakt. posobie) Leningrad, Stroizdat, 1967 136 p.
Machines for waterproofing operations. A. Gol'din. Sel'stroy. 18 no. 6 25 Ju '63
Stains and stresses in hollow trees at the earth surface during earthquakes. M. B. Lugush. Soob. AN Gruz. SSR 48 no. 2 405-410 N '67.
- 691 1 (471 61)—Rostov Province
We are strengthening the production centers of local material. I. Alekseev. Sel'stroy. 18 no. 6 8 Ju '63
- 691 2 NATURAL STONE
Effect of surface active additions on the processes of coagulation structure in aqueous suspensions of asbestos. I. K. Brutskus and others. Koll. zhur. 29 no. 5 638-642 S-O '67
- 691 3 ARTIFICIAL STONE. CONCRETE, ETC.
Berdichevskii, G. I., and M. S. Tsatalikhin. [Pre-stressed reinforced concrete] Predvzhitel'no naprazhnyy zhelezobeton. Moskva, Stroizdat, 1967. 75 p.
Development of precast reinforced concrete production in the U. S. S. R. K. V. Mikhailov, V. G. Mikhailov. Bet. i zhel.-bet. 13 no. 11 3-7 N '67
Distribution of microcraacks in concrete. V. G. Pashkovskii, N. V. Mikhailov, P. A. Rebinde. Dokl. AN SSSR 177 no. 2 314-317 N '67.
Effect of the surface active agents on the structure and properties of soil silicate concretes. V. V. Iloncharov, O. O. Starcheva. Dokl. AN URSSR. Bet. i zhel.-bet. 13 no. 11 36-40 N '67.
Equipment for the prefabrication of reinforced concrete structural elements. A. A. Susnikov. Bet. i zhel.-bet. 13 no. 11 36-40 N '67.
Glekhovskii, A. D., and E. G. Kutukhin. [Vertical stay reinforced-concrete trusses for buildings with flooring between floors] Bezrasnosnye zhelezobetonnye formy dlia zdaniy s mezhfazennymi etazhami. Moskva, Stroizdat, 1967. 75 p.
Kantsepol'skii, I. S., F. L. Glukol', and K. B. Rapoport. [Longevity of concrete in dry and hot climate regions with saline soils] Dolgovechnost' betonov v raionakh s suchim i zharkim klimatom i zasolenymi gruntami. Tashkent, "Fan," 1967. 133 p.
More about continuous and framed continuous span structures of precast reinforced concrete. I. A. Khazan. Avt. dor. 30 no. 8 10-19 Ag '67
Precast reinforced concrete industry of Russia. D. P. Baskov. D. I. Portugalov. Bet. i zhel.-bet. 13 no. 11 8-12 N '67.
Reinforced concrete during the years of Soviet rule. K. V. Sakharovskii. Bet. i zhel.-bet. 13 no. 11 26-28 N '67.
Seamless curing of reinforced concrete and concrete structures. L. Boiko and others. Sel'stroy. 18 no. 6 19 Ju '63.
Technology of precast reinforced concrete production. A. M. Gorskoy. Bet. i zhel.-bet. 13 no. 11 32-35 N '67.
Testing the model of a 30-story frame building under construction on Kalinin Prospekt in Moscow. B. P. Vol'fon, I. K. Shevchenko, D. M. Beniaminov. Stroi. mekh. i rasch. soor. 9 no. 5 21-26 '67.
Traveling plant for the production of reinforced concrete panels. S. Lisagor. Sel'stroy. 18 no. 6 21-22 Ju '63.
We are extending the production of reinforced concrete, and lowering its cost. A. Khitrovym. Sel'stroy. 18 no. 6 9-10 Ju '63.
- 691 3 (471 61)—Rostov Province
Transport and storage of limestone blocks. G. Kvach, V. Makarov. Sel'stroy. 18 no. 6 20-21 Ju '63.
- 691 3 (471 63)—Stavropol Territory
People of Stavropol Territory have not utilized their own resources. A. Danil'ians. Sel'stroy. 18 no. 3 11-13 Mr '64.
- 691 3 (477)—Ukrainian S. S. R.
Precast reinforced concrete in industrial and municipal construction in the Ukrainian S. S. R. S. N. Andrianov. Bet. i zhel.-bet. 13 no. 11 13-18 N '67
- 691 3 (674)—Kazakh S. S. R.
An experimental investigation of the possibility to obtain highly resistant concrete from the sand dunes of the Kazakh S. S. R. B. Satekov. Vest. AN Kazakh. SSR 23 no. 8 55-63 Ag '67.
- 691 4 EARTH. COB. CLAY AND CERAMIC PRODUCTS
Mechanized production of sand-cement roofing tiles. A. Nikitin, B. Leksht, L. Valsfel'd. Sel'stroy. 18 no. 6 10-11 Ju '63.
- 691 4 (471 232)—Leningrad City
Prefabricated construction of brick buildings. L. Rainus. Na stroy. Ros. 8 no. 8 16-17 '67.
- 691 8 COMPONENTS, UNITS OF CONSTRUCTION BUILDERS' STOCKS, HARDWARE
Cov. bricks are becoming completely prefabricated. V. Chernov. Sel'stroy. 18 no. 2 31-22 F '64
- 693 1 STONEMASONRY
693 1 (471 42)—Ulyanovsk Province
Lipetsk method of decorative masonry. I. U. Seigeev. Na stroy. Ros. 8 no. 8 21 '67.
- 693 2 BRICKWORK
693 2 (471 232)—Leningrad City
Prefabricated construction of brick buildings. L. Rainus. Na stroy. Ros. 8 no. 8 16-17 '67.
- 693 5 CONCRETING IN SITU
[Anticorrosive insulation of welded joints of large-panel residential buildings, practice of the No. 1 Housing Construction Combine of the Glavmosstroi of Antikozrozimaya zashchita svaynykh soedinenii krupnoplanel'nykh domov, iz opyta domostroitel'nogo kombinata No. 1 Glavmosstroi. Moskva, Stroizdat, 1967. 24 p.
Reduce the use of reinforcements in prefabricated reinforced concrete span structures. I. A. Matarov and others. Avt. dor. 30 no. 8 4-6 Ag '67
- 693 8 METAL, STEEL STRUCTURAL WORK
Polyhedral aluminum arch made from rhombic elements. V. I. Trofimov. Stroi. mekh. i rasch. soor. 9 no. 5 21-24 '67
- 693 9 FRAMED CONSTRUCTION
Investigating the seismic stability of large panel buildings. S. V. Poliakov, B. E. Denisov. Stroi. mekh. i rasch. soor. 9 no. 5 15-19 '67
Testing the model of a 30-story frame building under construction on Kalinin Prospekt in Moscow. B. P. Vol'fon, I. K. Shevchenko, D. M. Beniaminov. Stroi. mekh. i rasch. soor. 9 no. 5 21-26 '67.
- 696 6 ELECTRICAL INSTALLATIONS
Assessing the complexity of modeling electric lines without losses. V. A. Malyshev. Dokl. AN SSSR 177 no. 2 288-290 N '67.
- 696 6 (479)—Caucasus and Transcaucasia
"Kavalektromenazh" Trust on the eve of the anniversary of the Soviet rule. S. G. Romashev. Mont. i apots. rab. v stroy. 29 no. 8 10-13 Ag '67.
- 697 HEATING, VENTILATION, AIR CONDITIONING
Activity of labor protection institutes of the All-Union Central Council of Trade Unions in scientific and technical development of ventilation systems for industrial buildings. V. M. El'terman. Vod. i san. tekhn. 12 5-9 D '67
Convective air currents over heat sources of ultimate dimensions. I. A. Shepelev. Vod. i san. tekhn. no. 12 9-13 D '67.
Exploitation of air suction devices. M. M. Budukovskii, S. A. Permiakov. Put' i put. khoz. 11 no. 4 20-21 '67.
Improving the heating and ventilation of farm buildings in the last 50 years. A. I. Shelutskii. Vod. i san. tekhn. no. 12 1-4 D '67.
Kalinushkin, M. P. [Ventilation installations] Ventilatsionnye ustanoivki. Izd. 6, perer. i dop. Moskva, "Vyssh shkola," 1967. 268 p.
Modern heating units. M. M. Grudinskii, L. M. Kats. Vod. i san. tekhn. no. 10 23-30 O '67.
New ventilating devices in cars. V. V. Shvedov. Zhel. dor. transp. 49 no. 8 77-78 S '67.
Pile supports of heating systems. L. G. Avgitov. Uch. zap. Mord. gos. un. no. 31 75-83 '63.
Prospects of centralizing the heat supply. I. Kulolan, L. Movsesian. Prom. Arm. 9 no. 9 22-25 '66.
Sanitary engineering in its fight against air pollution. A. I. Pirumov. Vod. i san. tekhn. no. 10 20-23 O '67.
Selecting the method for regulating the performance of ventilators. A. S. Evtushenko, L. I. Zingerman, Z. M. Kratoshevskii. Vod. i san. tekhn. no. 10 35-37 O '67.
- 698 FINISHING AND DECORATING TRADES PAINTING, GLAZING, ETC.
Wallpapering. A. Shepelov. Sel'stroy. 18 no. 2 21-26 F '64.
- 699 8 PROTECTIVE, PROOFED, INSULATED CONSTRUCTION
Development of heat-insulation work. I. U. S. Rozanov, E. L. Blokh. Mont. i apots. rab. v stroy. 29 no. 8 6-9 Ag '67.
Investigating the seismic stability of large panel buildings. S. V. Poliakov, B. E. Denisov. Stroi. mekh. i rasch. soor. 9 no. 5 15-19 '67.
- Kostomarov, V. M. [Measures for combating landslides in cities] Pri otkrytoy i zemye meropriyatiya v gorodakh. Moskva, Stroizdat, 1967. 109 p.
Kreishman, K. K. [Protection of wooden structural elements from putrefaction, wood borers, and fire. (Practical manual)] Zashchita derevnykh konstruktstov ot gnilenia, drevotochtsevi ognia (Prakt. posobie) Leningrad, Stroizdat, 1967. 136 p.
Machines for waterproofing operations. A. Gol'din. Sel'stroy. 18 no. 6 25 Ju '63
Stains and stresses in hollow trees at the earth surface during earthquakes. M. B. Lugush. Soob. AN Gruz. SSR 48 no. 2 405-410 N '67.
7. THE ARTS. RECREATION. ENTERTAINMENT. SPORT, ETC.
- 7 0 GENERAL WORKS OF INDIVIDUAL ARTISTS
[Culture of ancient Rus'] Kul'tura drevnei Rusi. Pod red. D. S. Likhacheva. Leningrad, "Prosveshchenie," 1967. 301 p.
The road of art. N. Filippovskii. V mibe knig. 7 no. 12: 32-33 '67.
- 7 0 (45)—Italy
Free arts and unfree people in ancient Rome. Joseph Vogt. Vest. drev. ist. no. 2 98-103 Ap-le '67.
- 7 0 (476)—White Russian S. S. R.
White Russian art during the last 50 years. I. A. Dubkova and others. Vest. AN BSSR. Ser. hram. nav. no. 4 112-121 '67.
- 7 0 (496)—European communist countries as a group
Soviet studies on the artistic culture of foreign Slavic peoples. I. I. Svirida. Sov. slav. no. 3 67-76 '67.
- 7 01 AESTHETICS. THEORY. TASTE, ETC.
Adamian, A. [Articles on aesthetics] Stat'i po estietike. Erevan, "Aristan," 1967. 453 p.
D'iakonitsyn, L. F. [Ideological contradictions in the aesthetics of Russian painting in the late 19th and early 20th century] Ideinye protivorechiya v estetike russkoi zhivopisi kontsa 19-nachala 20 vv. [Perm'] Permskoe kn. izd. 1966. 257 p.
Dorosh, Efim. [The immortal tree of art] Zhivoe derevo iskusstva. Moskva, "Iskusstvo," 1967. 287 p.
[Ecstasy of the battle. Sketches] Upoasle bitvoi. Ocherki. Moskva, gaz. "Krasnaya zvezda," 1967. 32 p.
[B-chka "Krasnoi zvezdy," No. 22 (226)].
On the road to a great art. B. Anin. Doshk. vosp. 10 no. 5 67-69 '67.
A talk about still life. E. Lebedeva, T. Komarova. Doshk. vosp. 40 no. 5 64-67 '67.
- 7 05 APPLICATIONS OF ART IN INDUSTRY, THE HOME, ETC. INDUSTRIAL, COMMERCIAL DESIGN
Aesthetics and production go together. S. Pevzner. Metallurg. 13 no. 1 34-35 Ja '68
Aesthetics: attractive and expedient. B. Kaganovich. Sov. shakht. 16 no. 7 12-13 Ji '67.
Analysis of the planning of packaging. V. Lyndin. Tekh. est. 3 no. 4 9-11 Ap '66.
Beauty is a pledge of health. V. Kruechikov. Metallurg. 13 no. 1 35-37 Ja '68
Industrial design and packaging. Tekh. est. 3 no. 4 9 Ap '66
Gushchin, V. F. [Designing structural features of an invention] Konstruktsionnaya razrabotka izobreteniia [Leningrad] Lenzdat, 1967. 121 p. (Biblioteka rabochego-izobretatelya i ratsionalizatora).
Seminar on technological aesthetics. Tekh. est. 3 no. 4 32 Ap '66
Some tendencies in the planning of packaging abroad. E. Chernykh. Tekh. est. 3 no. 4 13-15 Ap '66.
23rd Congress of the Communist Party. Tekh. est. 3 no. 4 1 Ap '66.
- 7 05 (4.0)—European capitalist countries
Trends of the development of industrial design abroad. V. Glazyshev. Tekh. est. 3 no. 4 17-21 Ap '66
- 7 05 (437)—Czechoslovakia
Center of Technological Aesthetics in the Czechoslovakian S. S. R. Tekh. est. 3 no. 4 32 Ap '66.
- 7 05 (45)—Italy
Notes on Italian industrial design. I. Zhadova. Tekh. est. 3 no. 4 22-20 Ap '66.
- 7 05 (471.310)—Moscow City
Course on industrial design in a school of higher education. V. Lisakov. Tekh. est. 3 no. 4 15-16 Ap '66.

10141 P. Lateral S S R
10142 P. Lateral S S R
10143 P. Lateral S S R
10144 P. Lateral S S R
10145 P. Lateral S S R
10146 P. Lateral S S R
10147 P. Lateral S S R
10148 P. Lateral S S R
10149 P. Lateral S S R
10150 P. Lateral S S R

10151 P. Lateral S S R
10152 P. Lateral S S R
10153 P. Lateral S S R
10154 P. Lateral S S R
10155 P. Lateral S S R
10156 P. Lateral S S R
10157 P. Lateral S S R
10158 P. Lateral S S R
10159 P. Lateral S S R
10160 P. Lateral S S R

711 4(471) 21—Murmansk Province
The Murmansk Province, Murmansk, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

711 4(471) 313—Bazan Province
The Bazan Province, Bazan, Na stol, 8 no. 8, 17-18 '67.

Dependable storage facilities for mineral fertilizers.
P. Kuchuk, Sel'stroy, 18 no. 2, 3-1 '64.
Designs of machines for mineral fertilizers and tools
for the use of them. A. Dobinski, Sel'stroy, 18 no. 3, 20-21
M '64.
Let's start up turbojet engines of turbomachines. V. I.
Zhukin, Vest protivovozdushn., no. 12, 73 D '67.
Give special attention to the construction of mineral
fertilizer stores. S. Golubev, Sel'stroy, 18 no. 2, 4-5 '64.
New architectural planning layouts of transfer stations
for public passenger transportation, subway - mono-
rail. G. L. Butashin, Soob. AN Gruz. SSR, 18 no. 2
193-194 '67.

725 3(470)—White Russian S S R
Where combat took place. I. Kolos, Grahd, av. 21
no. 8, 18-19 '67.

725 3(571 62)—Khabarovsk Province
Fomomol'sk-on-Amur, an airport for a young town
A. Bilibin, Grahd, av. 21 no. 8, 13 '67.

725 3(571 63)—Maritime Territory
Behind the facade of the air terminal. T. Pavlova,
Grahd, av. 24 no. 8, 8 '67.

725 3(574)—Kazakh S S R
Lining out the rough edges. S. Dzhilskiy, Grahd, av.
24 no. 9, 25 '67.

725 4 **INDUSTRIAL BUILDINGS, FACTORIES,
MILLS, WORKSHOPS, ETC**
Commerce of design institutes of the Ministry of Coal
Industry of the U S S R on problems of designing
coal preparation plants. L. P. Aleksandrov, A. I.
Vulfovich, Ugol' 43 no. 1, 71 '66.

Improve the system of supplying industrial projects with
complete sets of needed materials and equipment.
A. Kudryavtsev, Mat.-tekhn. sbornik, 2 no. 12, 20-25 '67.

Increased production of baker's yeast in distilleries
processing molasses. V. G. Garbunov, B. I. Evseevich,
I. A. Orlovskii, Feim i spirt prom. 31 no. 8, 26-30
'65.

Some problems of improving the use of equipment in
capital construction. V. Kulikov, In. SSSR, 11 no. 12
52-54 '67.

Stepped-enclosed separation for obtaining baker's yeast
in a distillery. P. G. Psalov and others, Feim. i
spirt prom. 31 no. 8, 33-36 '65.

The word was for the konsomol. V. V. Leporskiy,
Mita i gornorud. prom. no. 5, 33-38 S-O '67.

725 4(477)—Ukrainian S S R
The plant of communist labor. I. V. Varents, Met. i
gornorud. prom. no. 5, 45-47 S-O '67.

725 7 **PUBLIC REFRESHMENT BUILDINGS, BATHS
SPA, RESORT AND PARK BUILDINGS**

725 7(471 22)—Karelian A S S R
Recreation Center "Dutny." E. Larinolskii, Na stol,
Ros. 8 no. 8, 20 '67.

725 7(471 311)—Moscow Province
Project for a resort in the vicinity of a reservoir.
A. Shafir, Na stol, Ros. 8 no. 8, 10 '67.

726 **SACRED AND FUNERARY BUILDINGS
ECCLESIASTICAL ARCHITECTURE**

726(477)—Ukrainian S S R
The St. Sophia Cathedral in Kiev is 930 years old. S. O.
Vysotskiy, Upr. ist. zhur. 11 no. 9, 133-137 S '67.

728 **RESIDENTIAL BUILDINGS HOUSING
DOMESTIC ARCHITECTURE**

Construction of many-storied buildings in the Novgorod
and Pskov villages. V. Ivanov, Sel'stroy, 18 no. 3
15-16 '64.

Designs of large-panel houses for rural regions.
A. Amfikhov, Sel'stroy, 18 no. 2, 9 '64.

Products of the construction industry for rural builders.
N. Minin, Sel'stroy, 18 no. 6, 5-6 '63.

Ways of reducing housing construction costs. V. B.
Babellian, Zhel. dor. transp. 49 no. 7, 78-81 '67.

Zhukov, P. S. [Hotel management] Eksploataatsia gosti-
nits Moskva, Stroitel'stvo, 1967, 195 p.

728(479 24)—Azerbaijan S S R
Architectural design problems in building garages in
Sumgait for personal use. K. G. Mamedbekov, Dopr.
AN Azerb. SSR, 23 no. 7, 106-110 '67.

729 **ARCHITECTURAL DETAILS, DECORATION
AND FITTINGS**

729(474 2)—Estonian S S R
Konsap, Valli. [Tallinn weather vane] Tallinna tuuleli-
pud. Tallinn, "Eesti Raamat," 1966, 61 p. illus. [In
Estonian]

73 SCULPTURE AND THE PLASTIC ARTS

A sculptor's work in bronze: an outline of sculpture
theme. A. Rogalov, Moir. sborn. 50 no. 4 '67.

737 NUMISMATICS

737(477)—Ukrainian S S R

Some little-known Chernivtsy coins of the 18th cen-
tury. K. V. Golenko, Vest drev. ist. 11 no. 1, 1-17
Ap-Je '67.
Two gold seals from the Nikolayevskaya burial place in
lower Dnieper Valley. I. A. Simonovskiy, Vest drev. ist.
no. 2, 198-200 Ap-Je '67.

737(575)—Central Asia

"Sagani" seal from Surkhkhat, N. V. Pribludnyy, Vest
drev. ist. no. 2, 175-182 Ap-Je '67.

739 ARTISTIC METALWORK

739(471 67)—Daghestan A S S R

Production of artistic metalwork in Daghestan. A.
Gadzhiev, Problemy kul. Dopr. no. 1, 104 '67.

74 DRAWING AND MINOR ARTS

Illuminating by means of pictorial art architecture. A. G.
Imat. Doshk. komp. 10 no. 5, 29-35 '67.

741 DRAWING AND SKETCHING

Children's drawings. I. Katinichina, I. I. Katinichina, I. I.
N. Kuchukova, Doshk. komp. 10 no. 1, 10-11 '67.

Creativity in the pictorial arts in early childhood.
R. I. Imantseva, Doshk. komp. 10 no. 1, 10-11 '67.

Drawing from nature in a preparatory group. I. I. Katinichina,
Doshk. komp. 10 no. 1, 10-11 '67.

Drawing in the first grade. A. Kuchuk, Doshk. komp. 10
no. 1, 11-17 '67.

From the history of drawing instruction in the U S S R.
A. T. Kuchukov, Shkola i prosv. 10 no. 8, 1-11 '67.

The world of children. M. Pilenko, Doshk. komp. 10
no. 1, 1-9 '67.

744 TECHNICAL DRAWING, LETTERING

A device for self-checking in the solving of technical
problems. A. I. Afanasev, Vest drev. ist. 11 no. 1, 1-17 '67.

Mechanical drawing in the 8th grade. I. I. Katinichina,
Shkola i prosv. 11 no. 8, 1-11 '67.

The observation method in drawing instruction. A. I.
Belosel'skaya, Shkola i prosv. 10 no. 8, 1-11 '67.

Practical work in mechanical drawing. A. I. Kuchukov,
Sred. shkola, 11 no. 1, 1-11 '67.

A shading device. I. N. Lashin, Sred. shkola, 11 no. 1,
1-11 '67.

Some problems in the instruction in graphic arts. A. I.
Belosel'skaya, Shkola i prosv. 10 no. 8, 1-11 '67.

A special surface gauge. Chang Yu, Shkola i prosv. 11 no. 1,
1-11 '67.

A student's design bureau works for the national economy.
P. M. Alabuzhev, V. V. Shcheglov, Shkola i prosv. 11 no. 1,
1-11 '67.

A study room for mechanical drawing and technical drawing.
A. I. Kuchukov, Shkola i prosv. 11 no. 8, 1-11 '67.

744(471 314)—Vladimir Province

Our experience in group execution of diploma projects
and model designing. A. Gorbachev, A. Kuchukov,
Sred. shkola, 11 no. 1, 1-11 '67.

746 **ART NEEDLEWORK, NEEDLE CRAFT, RAYON
WEAVING, ETC.**

Vyatska pictures. B. Alzen, Prof.-tekhn. sborn. 21
no. 5, 10-19 My '66.

75 PAINTING

D. I. Kononov, L. E. [Ideological contradictions in the
aesthetics of Russian painting in the late 19th and early
20th century] Ideinye protivorechiya v estetike russkoy
zhivopisi kontsa 19-nachala 20 vv. [Pis'ma] Peris
kn. izd., 1966, 267 p.

The Great Patriotic War. I. I. Polischuk, Sov. voyn. 4
no. 19, 32-36 O '67.

Keep on the revolutionary path. M. Marchukov, Sov. voyn. 49
no. 10, 31 O '67.

A musician about paintings. V. Bakumenko, V mire iskus-
7 no. 12, 30 '67.

Our picture gallery. Sem'ia i shkola 22 no. 11-12
N '67.

Pospelov, G. G. [Russian portrait painting of the begin-
ning of the 19th century] Russkii portretnyy zhannr v
nachala XIX veka. Moskva, "Iskusstvo," 1967, 214 p.
illus.

"Rembrandts" or poor relatives? N. Ovtina, Sov. voyn. 49
no. 18, 43 S '67.

An emulation of paintings devoted to the city of Leningrad—
Popovskiy, M. B. *Ukr. ist. zhur.* II no. 9:169
S '67

75 ENGRAVING. PRINTS

A master of graphic arts. V. Katkov. *V mire knig* 7
no. 12:32-33 '67.

76(471 310)—Moscow City

Keeping labor watch with the new energy. N. Skrypnikova.
Vin SSR 41 no. 12:89 D '67.

77 02 PHOTOGRAPHIC OPERATIONS, PROCESSES

Effect of some phenyl derivative elements of the V group
on the photographic properties of sensitized layers.
M. A. Akhmedzhanov and others. *Zhur. nauch. i prikl.
fot. i kin.* 12 no. 6:162-163 N-D '67

Equilibrium of optical density under condition of longwave
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Zaitsev, B. I. Kazantsev. *Zhur. nauch. i prikl. fot. i kin.*
12 no. 6:131-136 N-D '67

Experimental study of frequency characteristics of the
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V. I. Ventsman, B. B. Buzkengim, M. K. Minkanikova.
Zhur. nauch. i prikl. fot. i kin. 12 no. 6:451-456 N-D
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Form of the Air gap between the backing and the wetting
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Zhur. nauch. i prikl. fot. i kin. 12 no. 6:157-158 N-D
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Measurement of granulation on rotating specimen of photo-
graphic materials. I. G. Minichev, K. V. Venderovskii.
Zhur. nauch. i prikl. fot. i kin. 12 no. 6:427-431 N-D
'67

Condensation salts of silver halogenides. V. N. Krut'ko.
Zhur. nauch. i prikl. fot. i kin. 12 no. 6:461-171 N-D
'67.

Optical sensitization of silver acetylides with dyes. V. D.
Stashenko, V. S. Murashko. *Zhur. nauch. i prikl. fot. i
kin.* 12 no. 6:436-442 N-D '67

Study of the latent photographic image in nuclear emul-
sions. N. P. Kocherov, N. A. Perilov, Zhur. nauch. i
prikl. fot. i kin. 12 no. 6:142-151 N-D '67.

Studying the mechanism of energy transfer in the occur-
rence of spectral sensitization. I. A. Akimov, A. V.
Shablin. *Zhur. nauch. i prikl. fot. i kin.* 12 no. 6:459-
461 N-D '67.

77 03 PHOTOGRAPHIC RECORDS AND THEIR INTERPRETATION

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Al'tun. *Izv. Vses. geog. ob-va* 69 no. 1:201-204
N-Ag '67

A method of the interpretation of cinema and photographs.
A. I. Tishchikhin. *Teor. i prak. fiz. kul't.* 30 no. 10:43-45
O '67

771 PHOTOGRAPHIC EQUIPMENT

The efficiency of blind-type shutters. A. O. Rumianina,
I. Chernyi. *Opt.-mekh. prom.* 34 no. 10:30-42 O '67.

Hand-operated long-focus cameras. I. A. Tel'evskii,
I. Chernyi. *Opt.-mekh. prom.* 34 no. 10:31-36 O '66

Increasing the brightness of the DRSh-250 lamp in the
FA-45 apparatus. V. D. Mikhailenko. *Zhur. nauch. i
prikl. fot. i kin.* 12 no. 6:458-459 N-D '67.

772 9 SYSTEMS USING PHYSICAL PHENOMENA

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laser thermal battery and a photoelectron-optical
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prom.* 34 no. 11:61-64 N '67

778 SPECIAL APPLICATIONS AND TECHNIQUES

Method for determining corrections for the relief of
proximate zone in gravimetric measurements using
aerial photos. N. M. Gromenitskaya. *Russ. ved. geofiz.*
no. 21:109-113 '67

778 3 PHOTOGRAPHIC TECHNIQUES WITH MAINLY SCIENTIFIC APPLICATION

Cytophotometric determination of the content of DNA in
hepatic cells in the process of their malignization. I. U. A.
Umnitski and others. *Vop. onk.* 13 no. 10:103-108 '67.

Errors in the X-ray diagnosis of pulmonary cancer in the
light of pathoanatomical data. I. A. A. Azbel', N. A.
Dichenko. *Sbor. nauch. trud. Krasnodar. gos. med.
no. 7:162-164 '63.*

Experimental data substantiating the photoelectric
method of dosimetry in ultraviolet radiation during
preventive irradiation. V. A. Romashovskii. *Vop. kul't.
fizioter. i lech. fiz. kul't.* 32 no. 6:148-151 N-D '67

Developing off a geometrical model of the turbulent sea
surface. I. U. S. Tufilov. *Izv. vyz. ucheb. zav. i geod. i
aerof. no. 3:121-125 '65*

Method for calculating the base of a photograph and the
maximum height at which pictures should be taken.
N. D. Nakov. *Izv. vyz. ucheb. zav. i geod. i aerof. no. 3:
117-119 '65.*

Note on the article by A. M. Solodovnikova, "On the
stereophotogrammetric method of studying submerged
relief features." N. S. Ramun. *Izv. vyz. ucheb. zav. i geod.
i aerof. no. 3:116-150 '65*

A photometric system for measuring aerial camera
distortions. I. A. Shcherbakov. *Izv. vyz. ucheb. zav. i
geod. i aerof. no. 3:132-131 '65*

Radioisotopic examination of planocellular carcinomas of
the uterus in mice. O. S. Frankfurt. *Vop. onk.* 13
no. 10:98-103 '67

Relation between the structural characteristics of modern
black-and-white aerial photographic films and image
definition. V. I. Mikhailov. *Izv. vyz. ucheb. zav. i geod.
i aerof. no. 3:111-116 '65*

X-ray characteristics in healing of a fracture per primam
under experimental conditions. E. A. Dubrov. *Tr. eksp.
fizi. i anat.* 12 no. 5:46-48 S-O '67.

778 34 ULTRAVIOLET, INFRARED AND PARTICLE-RAY PHOTOGRAPHY

Automatic information readout system for wire-type
spark chambers in electronic digital computers.
I. S. Bichakov, S. P. Buzhman, D. B. Davdyan. *Izv.
AN Arm. SSR. Fiz.* 1 no. 6:106-109 '66

Device for measuring photographs by means of fiber
light guides. V. V. Dubynin, M. V. Stabnikov. *Izv.
AN Arm. SSR. Fiz.* 1 no. 6:411-417 '66

Direct coupling and logic of the exchange of information
between the projector for the processing of track
chamber photographs and the electronic digital com-
puter. L. P. Kishinevskaya and others. *Izv. AN Arm.
SSR. Fiz.* 1 no. 6:365-371 '66

Measuring projector for the processing of track chamber
photographs. S. P. Buzhman and others. *Izv. AN Arm.
SSR. Fiz.* 1 no. 6:359-361 '66

Scanning and measuring table. L. L. Lukhtenbaum and
others. *Izv. AN Arm. SSR. Fiz.* 1 no. 6:386-396 '66

Scanning device for the measurement of track chamber
photographs. L. L. Lukhtenbaum and others. *Izv. AN
Arm. SSR. Fiz.* 1 no. 6:349-358 '66

Scanning measuring projector (SMIP) for the measure-
ment of bubble chamber tracks. V. M. Kalinin and others.
Izv. AN Arm. SSR. Fiz. 1 no. 6:372-379 '66

Track density measurement when using a scanning
measuring projector. V. L. Mamonov and others.
Izv. AN Arm. SSR. Fiz. 1 no. 6:380-385 '66

Use of a small-square television system for the read-
out of spark chamber data. V. A. Kantsirov and others.
Izv. AN Arm. SSR. Fiz. 1 no. 6:397-405 '66

778 5 CINEMATOGRAPHY

Manovich, I. M. [The role of words in movie imagery]
Otol slova v kinobraznosti. Moskva, 1967 71 p

[Motion pictures and the audience] Kino i zritel'; sbornik
statei. Moskva, 1967 73 p

Zhdan, V. N. [Conventional nature of cinema art] Ob
uslovnykh v kinotiskusstve. Moskva, 1967 53 p

778 6 COLOR PHOTOGRAPHY

Soviet color photography in 50 years. V. S. Chel'tsov,
A. N. Iordanskii. *Zhur. nauch. i prikl. fot. i kin.* 12
no. 6:397-421 N-D '67

78 MUSIC

The October Revolution school for Music Teachers.
A. N. Luchinov. *Sred. spets. obz.* 14 no. 11:21-27
N '67.

[S. I. Tancev; from his scholarly and pedagogic heritage.
Unpublished materials, reminiscences of students] S. I.
Tancev, iz nauchno-pedagogicheskogo nasledia. No-
opublikovanyye materialy, vospominaniya uchennikov. Mo-
skva, "Muzyka," 1967. 163 p.

Songs of the Razin cycle and songs about Yermak. L. S.
Shchepnev. *Uch. zap. Ped. inst. Gerts.* 309:3-24 '66

[To you I sing, Russia] Tebe polu, Rossiia. Moskva,
"Sov. Rossiia," 1967 68 p. (Biblioteka "V po-
moshch' khudozhestvennoi samodeiatel'nosti," no. 22)

79 ENTERTAINMENT, PASTIMES, GAMES SPORT

Chess battles. V. Zhitniak. *Sov. shakht.* 16 no. 7:32
Jl '67

Teaching a small child to play. L. Ostrovskaya. *Doshk.
vosp.* 40 no. 5:70-72 '67.

79(477)—Ukrainian S. S. R.

The system of the governmental guidance of artistic, cul-
tural, and educational institutions in the Ukrainian S. S. R.
1917-1967. L. I. Nosov. *Ukr. ist. zhur.* II no. 0:22-28
S '67.

79 0 GENERALITIES, TECHNIQUE, EQUIPMENT

Deep roots. T. Lebedeva. *V mire knig* 7 no. 12:33 '67.

791 4 FILMS MOTION PICTURES

In accordance with the truth. *Sov. voia* 49 no. 23:28-
29 D '67.

Joys and disappointments of movie fans. *Sov. voia* 49
no. 15:31-32 Ag '67.

Maybe drama is not behindhand? V. Sokolov. *Vop. III*
10 no. 1:22-28 Ap '66.

The motion-picture industry in the anniversary year.
Sov. voia 49 no. 18:42 S '67.

"Only girls in the sky." G. Plimanova. *Kryl. rod.* 18
no. 12:26-27 D '67.

Only girls. V. N. Zhuravlev. *Sov. voia* 49 no. 23:46-47
D '67.

Tade, E. S. Nadezhda Rumianiseva. [Moskva, "Iskus-
stvo," 1967] 91 p, illus. (Mastera soetskogo kino).

791 4(72)—Mexico

"The epoch of highest tension": notes on Mexican litera-
ture of the 20th century. V. Kuteishchikova. *Vop. lit.*
II no. 11:170-190 N '67

792 THEATER DRAMATIC PERFORMANCES

Developing success... O. Khachikskaya. *Sov. voia* 49
no. 2:21-23 D '67.

If you visit Kishinev. *Zhurnalst* no. 4:11 Ap '67,
in *Amly lezui. time. Sem'ia i shkola* 22 no. 11:
34-35 N '67.

Katp, p. [Ballet] O balete. Moskva, "Iskusstvo," 1967.
227 p.

Kuleshova, G. G. [The Soviet White Russian opera]
Belorusskaya sovetskaya opera. Minsk, "Nauka i tekhnika,"
1967 147 p.

Talanov, A. V. [A great life] Bol'shaia sud'ba. Mo-
skva, Politizdat, 1967, 208 p.

[Theatrical calendar for 1968] Teatral'nyi kalendar',
1968 [Leningrad, "Iskusstvo," 1967] [155] p.

Visiting Gatsintova, S. Artem'eva. *V mire knig* 7 no. 12:
36-37 '67.

792(471 310)—Moscow City

The first shows which were performed for children.
Natalia S. Doshk. vosp. 10 no. 10:97-99 '67

792(474 2)—Estonian S. S. R.

Ird, Kaarel. [The Tartu Workers' Theater, 1937-1939]
Tartu Teatriteater, 1937-1939. Tallinn, Eesti NSV tea-
trilühing, 1966 71 p. (Eesti teatrilajalo vihkud).

796 SPORT GAMES ATHLETICS

Anniversary year Spartakiada. *Grazhd. av.* 21 no. 11:
16-17 N '67

At the start of the All-Russian competition. N. Balakin.
Kryl. rod. 18 no. 8:10-11 S '67

Born of the October Revolution. I. I. Nikiforov. *Teor.
i prak. fiz. kul't.* 30 no. 10:2-1 O '67

By friendly efforts. V. I. Filippov. *Sov. voia* 49 no. 19:
11-15 O '67.

Characteristics of sports ontogenesis in weightlifters
and various classes of weight. A. S.
Molodtsov, G. S. Tumanin. *Teor. i prak. fiz. kul't.*
30 no. 10:11-14 O '67

The content of nropepsin in the urine of ski racers.
N. N. Barminev. *Teor. i prak. fiz. kul't.* 30 no. 10:45-46
O '67

Developing the ability of ski racers to evaluate the time
and traveled path. V. I. Kozhokin. *Teor. i prak. fiz.
kul't.* 30 no. 10:38-39 O '67

Developing the ability of women gymnasts of higher
categories to keep their balance on the beam. I. I.
Rozov. *Teor. i prak. fiz. kul't.* 30 no. 10:11-16 O '67

A device for studying reaction time in fencers. N. I. A.
Izmail. *Teor. i prak. fiz. kul't.* 30 no. 10:35-36 O '67

Difficult routes. D. Sidorov. *Sov. voia* 49 no. 23:38-39
D '67.

Early sporting achievements of swimmers. I. P. Volkov.
Teor. i prak. fiz. kul't. 30 no. 10:23-25 O '67.

The experienced and knowledgeable are ahead. G. Plase-
tskaya. *Kryl. rod.* 18 no. 6:13 S '67.

A faithful helper. V. Efremov. *Sov. voia* 49 no. 15:16-
17 Ag '67

For the sake of becoming seasoned warriors. V. Shcheprik.
Sov. voia 49 no. 21:32-33 D '67.

From Moscow to the Sea of Azov. A. Vinokurov. *Kryl.
rod.* 18 no. 9:7 S '67

A green street for sports. I. U. Urbanovich. *Sov. voia*
49 no. 17:38-40 S '67

In my native element. L. Larin. *Sov. voia* 49 no. 24:
32-33 D '67.

Korshak, I. U. F. [Smiles of the "Golden goddess"] Ulybki
"Zolotoi bogini" [Leningrad] Lenizdat, 1967. 165 p.

Leonova, L. A., and L. D. Tishchenko. [Tourism is the
best rest] Turizm—luchshii otdyk. Moskva, "Medi-
tsina," 1967 60 p.

Mechanics of the rotatory movements of man around
a fixed axis. V. T. Nazarov. *Teor. i prak. fiz. kul't.*
30 no. 10:10-22 O '67.

Messenger of victory. E. Chen. *Az i Afr. seg.* II
no. 12:54 D '67.

Mironova, Z. S. [What kind of sports should I practice?]
Kakim vidom sporta mne zanimat'sia? Moskva, "Zna-
nie," 1967 31 p. (Narodnyi universitet. Fakul'tet
zdorov'ia, 21)

Our consultations. *Teor. i prak. fiz. kul't.* 30 no. 10:70-
76 O '67

Over the Bratsk Sea. I. U. Zel'vinskii. *Kryl. rod.* 18
no. 9:21-22 S '67.

Paths of the development of Soviet sports traumatology
during the last 50 years. Z. S. Mironova. *Teor. i prak.
fiz. kul't.* 30 no. 10:10-42 O '67

—Aldington, R

The intellectual hero of Richard Aldington G. F. Hunkin Uch. zap. MGPI no. 218 117-163 '64

—Austen, J

Characteristics in the artistic manner of Jane Austen, in the novels "Pride and Prejudice" and "Sense and Sensibility" N. M. Domitova, Uch. zap. MGPI no. 218 45-103 '61.

—Dickens, C

Crabell and Dickens, I. I. Chernavina, Uch. zap. MGPI no. 218-104-115 '64

—Elliot, G

The sociopolitical theme in George Eliot's novel "Felix Holt," M. A. Gritchuk, Uch. zap. MGPI no. 218 142-148 '64.

—Galsworthy, J

The centenary of John Galsworthy's birth, N. M. Severikova, Sred. spets. obr. 11 no. 7, 49-51 JI '67.

—Gaskell, E G

Elizabeth Gaskell's novel "North and South" I. I. Chernavina, Uch. zap. MGPI no. 218 116-131 '64

Gaskell and Dickens I. I. Chernavina Uch. zap. MGPI no. 218 101-113 '64

—Maugham, W. S

Notes on works Somerset Maugham, Vop. lit. 10 no. 4 137-151 Ap '66.

—Meredith, G

From the history of the English realistic novel in the first third of the 19th century, the creative genius of George Meredith in the 1870's, I. U. M. Kondrat'ev, Uch. zap. MGPI no. 218 149-250 '61.

—Shakespeare, W

Falsification of truth, "Hamlet, or the dark night comes to an end," I. S. Kaufman, Uch. zap. MGPI no. 218 33-48 '64.

Shakespeare in secondary specialized schools, from experience of specialized school no. 6 in Moscow, N. N. Stokhova, Uch. zap. MGPI no. 218, 49-58 '64.

Shakespeare on the 100th anniversary of his birth B. I. Panshkev, Uch. zap. MGPI no. 218 5-12 '61.

Traditions of Shakespeare and the tragedies of Schiller, K. S. Protosova Uch. zap. MGPI no. 218 11-12 '61

—Shelley, P B

Shelley's tragedy "The Cenci," the problem of the hero, I. G. Guseinov, Uch. zap. MGPI no. 218-61-81 '61

—Steinbeck, J

Exigency of a novelist, John Steinbeck Vop. lit. 10 no. 10 152-168 O '66

—Woolf, V.

The novels of Virginia Woolf, problem of the crisis in the modernist novel in England, N. P. Mikhail'skaya Uch. zap. MGPI no. 218 32-3 116 '61.

84 ROMANCE LITERATURE

Children's literature, I. Almondsh, Dostik, vosp. 10 no. 7 108-108 '67.

"The epoch of highest tension" notes on Mexican literature of the 20th century, V. Kuteishchikova, Vop. lit. 11 no. 11 170-190 N '67.

Expression of the verbal compliment by paratactic constructions with the conjunction "and" in Moldavian and wallachian literary monuments of the 16th-17th centuries, T. N. Shchepkova, Uch. zap. Kish. un. 81-94-101 '67.

Some remarks on Moldavian classical literature in the Russian press of the 19th century, I. D. Osadchenko, Uch. zap. Kish. un. 81 188-202 '67

—Aragon, L

Louis Aragon's "Communiste" as an epic novel, O. V. Shkhanov, Uch. zap. VOPi no. 31:135-166 '67.

—Balzac, H. de

Balzac and the "Balzac" pattern, R. Reznik, Vop. lit. 10 no. 4 167-183 Ap '66.

—Eduard, P.

From fallen France to fighting France; Paul Eduard and the Resistance, S. Velikovskii, Vop. lit. 11 no. 7 158-187 JI '67.

—Proust, M.

Aesthetics of Marcel Proust, M. V. Tolmachev, Uch. zap. MGPI no. 218:289-302 '64.

—Saint-Exupéry, A.

Formal literary characteristics of Saint-Exupéry's "Terre des Hommes," I. K. Klitenik, Uch. zap. VOPi no. 31:167-181 '67

87 CLASSICAL LITERATURE (LATIN AND GREEK)

[Ancient epistolography Essays] Antichnaya epistolografiya Ocherki Moskva, "Nauka," 1967, 285 p.

Russian students of antiquity at the Berlin Academy of Sciences, Johannes Kriecher, Vest. drev. ist. no. 2:112-123 Ap-Jc '67.

Two traditions in the Aesop legend M. L. Gasparov Vest. drev. ist. no. 2:158-167 Ap-Jc '67.

88 SLAVIC AND BALTIC LITERATURE

The study of foreign Slavic literatures in the Soviet Union, 1917-1967 V. I. Zilydnev Sov. slav. no. 5 51-66 '67

882 RUSSIAN LITERATURE

Art lives by being contemporaneous V. Kozhinov Vop. lit. 10 no. 10 28-32 O '66

Bordering two epochs; history of Russian poetry at the beginning of the century VI. Orlov, Vop. lit. 10 no. 10 111-143 O '66.

Born of the October Revolution K. Aion, Dostik vosp. 10 no. 10 64-71 '67

Broaden the theoretical base, N. Gel Vop. lit. 10 no. 10 12-48 O '66.

Composition in Russian language and literature classes, D. I. Givich, Sred. spets. obr. 14 no. 7:21-27 JI '67

Conclusions dispense with reason, R. Uvalov Vop. lit. 10 no. 10 171-184 O '66

Conference of German and Soviet Literary Critics I. Dikhanov Vest. AN SSSR 37 no. 12 80-90 D '67

Continuing the study, I. U. Shcherbakov, Vop. lit. 11 no. 7: 197-201 JI '67.

Controversy over the problem of satire in Russian literature of the 18th century, L. I. Kulakov, Uch. zap. Ped. inst. Gerts. 309:97-106 '66.

A crystallization of problems, V. I. Gusev, Vop. lit. 10 no. 10 33-36 O '66.

Discovery of literature, R. B. Mukhametov, Vop. lit. 10 no. 8 32-51 Ag '66.

Discussion of the methodological problems of literary criticism, E. P. Tushchenko, Izv. AN SSSR Ser. lit. 11 no. 26 no. 5 492-494 S-O '67

The epoch, the reader, and the author, I. B. Iukov, V mire knig 7 no. 11:27-29 '67.

Essence and not form is important I. U. Rybakov, Vop. lit. 10 no. 4 32-34 Ap '66

An experience of the soul, M. Aliger Vop. lit. 10 no. 4 112-122 Ap '66.

Fifty years of Soviet literary studies Izv. AN SSSR Ser. lit. 11 no. 26 no. 5 401-405 S-O '67

The First Congress of Soviet Writers in the Polish progressive literary criticism of the 1930's, Marian Stempin, Vest. Mosk. un. ser. 10: Filol. 22 no. 6:15-27 N-12 '67

"For the people," and therefore "for himself," some objections addressed to A. Ivanov, I. Morozov, Vop. lit. 11 no. 7 65-79 JI '67.

Generosity, K. Evgrafov, V mire knig 7 no. 11 30-31 '67.

The genuine avant-garde of world art, B. Rimakov, Vop. lit. 10 no. 10 48-52 O '66.

The height which we are faced with conquering, I. U. Rybakov, Vop. lit. 10 no. 4 3-12 Ap '66.

History of the development of the plot of the tale of the priest in a govtokun, M. A. Vavilova, Uch. zap. VOPi no. 31 183-203 '67

I want to imitate, B. Pntin, V mire knig 7 no. 11:36-37 '67.

An important part of the systematic propagation of Russian fiction, N. E. Dobynina, Bibliot. SSSR no. 33: 121-131 '66.

Is there a contemporary children's literature in existence? B. Kamir, L. Razgon, Vop. lit. 10 no. 10 171-178 O '66.

Keep up with the times B. Shagin, Vop. lit. 10 no. 10 53-57 O '66.

["The lay of the host of Igor" and its poetic and free translations] Slovo o pl'ku Igorevle i teho poetichny pereklady I perepisy [Kyiv, "Naukova dumka," 1967] 519 p.

Learn to help yourself, G. Mitin, Vop. lit. 10 no. 4 12-17 Ap '66.

The length of sentences in Russian scientific and literary prose in the 1860's G. A. Lesskii Vop. lit. 11 no. 2 78-95 Mi-Apr '62

Life, characters, conflicts, I. U. German, Vop. lit. 10 no. 8 116-125 Ag '66.

Literary discussion of the years 1922-1925, L. Kishchinskaya, Vop. lit. 10 no. 4 35-55 Ap '66.

Literature which renews the spirit, I. U. Kuz'menko, Vop. lit. 10 no. 10 57-64 O '66.

Lyric poetry in epic, A. Banketov, Vop. lit. 11 no. 7: 80-97 JI '67.

Man "for the people" and man "for himself," A. Ivanov, Vop. lit. 11 no. 7 11-64 JI '67.

Manevich, I. M. [The role of words in movie imagery] O roli slova v kinobraznositi, Moskva, 1967, 71 p.

Maybe drama is not behindhand? V. Sokolov, Vop. lit. 10 no. 4 22-28 Ap '66.

Militant humanism of Soviet literature, I. Smolisev Vop. lit. 11 no. 11 118-142 N '67

A movement in the field of prose and criticism, F. Kuznetsov, Zhurnal'ist no. 4 28-31 Ap '67.

Once more about diversity, I. Vishnevskaya, Vop. lit. 10 no. 4 17-22 Ap '66

Party membership, the soul of socialist realism A. Dymshits, Vop. lit. 10 no. 10 3-11 O '66.

Plays and people, past and future... VI Pimenov, Vop. lit. 10 no. 4 28-32 Ap '66

Poetics in the last 50 years V. V. Kozhinov, Izv. AN SSSR Ser. lit. 11 no. 26 no. 5 432-444 S-O '67

Poetry goes into combat Evgenii Osetrov, Sov. voen. 49 no. 2 126-28 D '67.

Poetry pours out of the heart, S. Shchepachev Vop. lit. 10 no. 4 129-136 Ap '66.

Poets of Stankevich's literary circle; from the history of the Russian Romanticism of the 1830's, A. I. Zhuravleva Vest. Mosk. un. Ser. 10: Filol. 22 no. 4 3-14 JI-Apr '67

A positive hero or a Don Quixote? A. Ivanov, Vop. lit. 10 no. 8 3-22 Ag '66.

The present-day study of the history of Soviet Russian literature V. I. Borshchukov, L. I. Timofeev, Izv. AN SSSR Ser. lit. 11 no. 26 no. 5 406-418 S-O '67

Principles of studying the literary process G. Abramovich Vop. lit. 10 no. 8 105-178 Ag '66

Prokshin, V. G. [The people and its heroes as represented by Russian democrats in the 1880's] A legend to gerol v izobrazhenii russkikh demokratov 60-kh godov XIX v. Moskva, "Vyssh. shkola," 1967, 277 p.

Regularity of the development of literature during the revolutionary epoch, S. Vainan, Vop. lit. 11 no. 11 no. 11 143-169 N '67

Riches, diversity, courage, A. Dymshits, Vop. lit. 10 no. 10 65-68 O '66

Roads and crossroads, Article 2, S. Moshinskii, Vop. lit. 10 no. 8 54-77 Ag '66.

Smirnova, V. V. [About children and for children] O detiakh i dlia detei Moskva, "Det'skaya lit.," 1967 454 p. (Dom detskoi knigi)

Something about "the soul of science"; on N. Prutskov's article "What then is dilettantism?" B. Kuleshov, P. Nikolaev Vop. lit. 10 no. 4 60-80 Ap '66.

[Soviet literature and the new man] Sovetskaya literatura i novyi chelovek Shornik statei Pod red. V. A. Kovaleva i V. V. Timofeev. Leningrad, "Nauka," 1967 374 p.

The Soviet Russian novel and some problems of its theory, V. V. Gurav, Uch. zap. VOPi no. 31 3-58 '67.

The study of Soviet literature in Belgrade University, M. Iosav Babovic, Vest. Mosk. un. ser. 10: Filol. 22 no. 5-83-99 N-D '67.

A successive historicism is necessary, A. Karaganov, Vop. lit. 10 no. 10 23-28 O '66.

The system of the citizens' lyre, I. A. Smellakov, Vop. lit. 10 no. 4 123-129 Ap '66

Theory of poetic language V. V. Vinogradov Vop. lit. 11 no. 2 3-17 Mi-Apr '62.

Thoughts on science fiction, D. Bilenkin, V mire knig 7 no. 11:10-19 '67.

Gulnikov again under fire, A. Karaganov Vop. lit. 10 no. 8 22-31 Ag '66

Vasilii Kabanov - a fighter, M. Lapshin, Sov. voen. 49 no. 15-21-25 Ag '67.

A word from the critic, V mire knig 7 no. 11:33 '67.

Year of conclusion, V. Chyngot, Az i Afr. seg. 11 no. 12: 38-40 D '67

—Bok, A

Grudtsova, O. M. [Aleksandr Bok: a critical and biographical essay] Aleksandr Bok: kritiko-biograficheski ocherk. Moskva, "Sov. pisatel'," 1967, 124 p.

—Chekhov, A. P

Some characteristics of the author's position in Chekhov's humor, 1880-1884, I. V. Popova, Uch. zap. Ped. inst. Gerts. 309:310-328 '66.

—Chernyshevskii, N. G

N. G. Chernyshevskii, historian of Russian journalism at the end of the 1820's and the beginning of the 1830's; Chernyshevskii and N. Polevoi, D. K. Motol'skaya Uch. zap. Ped. inst. Gerts. 309:210-238 '66.

N. G. Chernyshevskii's illegal leaflet "To the landlords' peasants", historiography and textology, S. A. Reiser, Kniga, issl. i mat. no. 14:200-235 '67.

—Dimitrov, G. M.

An important part of party work; G. Dimitrov's views on literature, V. Kucher, Vop. lit. 11 no. 11:216-223 N '67.

—Esenin, S. A.

The documents should be analyzed, V. Vdovin, Vop. lit. 11 no. 7:188-195 JI '67.

—Gogol', N. V.

An episode in the poem "Dead souls" of N. V. Gogol' ("The tale of Captain Kopeikin"), A. M. Dokusov, Uch. zap. Ped. inst. Gerts. 309:131-159 '66.

—Gork'ii, M.

Triumph of the socialist trend; from unpublished Gork'ii materials N. Zhigalov, Vop. lit. 11 no. 11 204-216 N '67

—Bogomolets, A. A.

Sirotnin, N. N. A. A. Bogomolets. Moskva, "Meditsina," 1967. 71 p. (Nauch.-popul. med. literatura. Vydavshchiesia deiateli otechestv. meditsiny i zdravookhraneniia)

—Boloto, P. O.

Heroea do not die. IU. Ostienko. Sov. shakht. 16 no. 7: 24-25. 11 '67.

—Borodulin, F. R.

Prominent figure in the Soviet school of medical historians. M. K. Kuz'min. Sov. med. 30 no. 12: 121-126. D '67.

—Borukaev, R. A.

Ramazan Aslanbekovich Borukaev; obituary. Izv. AN SSSR. Ser. geol. no. 12: 114-145. D '67.

—Brodskii, I. I.

Old picture gallery. Sem'ia i shkola. 22 no. 11: 33. N '67.

—Buniatian, G. Kh.

Grachin Khachaturovich Buniatian. Vop. med. khim. 13 no. 6: 643-644. N-D '67.

—Burdakov, V. S.

The road to the great sport. A. Shvartsman. Kryl. rod. 18 no. 9: 21-23. S '67.

—Chechikov, S. I.

Bombardier from the "Orel," A. I. Askin. Sov. voen. 40 no. 10: 10. O '67.

—Chernyshev, E. T.

E. T. Chernyshev, obituary. Izv. tekhn. no. 6: 108. Ag '67.

—Chernyshevskii, N. G.

Problem of the progress in live nature according to N. G. Chernyshevskii, S. M. Zelkina. Uch. zap. kazn. ped. inst. 19: 56-65. '66.

—Chetverikov, S. D.

Sergei Dmitrievich Chetverikov, on his 75th birthday. Vest. Mosk. un. Ser. 4 Geologia. 22 no. 6: 70. N-D '67.

—Chicherin, B. N.

Evaluating B. N. Chicherin's political views. V. D. Zor'in. Vest. Mosk. un. Ser. 12. Pravo. 22 no. 4: 67-74. Ji-Ag '67.

—Chubarov, N. D.

Nikolai Dmitrievich Chubarov; obituary. Torf. prom. 43 no. 4: 31. '66.

—Chubumakher, N. B.

Naum Borisovich Chubumakher; an obituary. Vop. nauch. khim. 31 no. 6: 58. N-D '67.

—Chulitskaia, L. I.

L. I. Chulitskaia (1870-1938). E. Grebenshechkova. Doshk. vosp. 40 no. 5: 44-45. '67.

—Curie-Skladowska, M.

On the 100th anniversary of Marie Curie-Skladowska's birth. A. I. Serebriov. Vop. onk. 13 no. 12: 94-95. '67.

—Dentsov, A. Ia.

A diligent and devoted master sergeant. M. Khiluev. Tyl i snab. Sov. Voer. Sil. 27 no. 9: 37. S '67.

—Derzhavin, N. S.

An outstanding scholar; on the 60th anniversary of N. S. Derzhavin's birth. V. S. Potrenko. Ukr. ist. zhur. 11 no. 12: 110-120. D '67.

—D'jakov, A. M.

A. M. D'jakov. Ist. SSSR. no. 4: 120-126. Ji-Ag '67.

—Di Vittorio, G.

In memory of a comrade. Vsem. prof. dvizh. no. 8: 9. D '67.

—Dmitriev, M. M.

Mikhail Mikhailovich Dmitriev is 60 years old. Koks i shkola. 6: 64. '67.

—Dolinn, A. S.

A. S. Dolinn; on the 60th anniversary of his activity. Uch. zap. Ped. inst. Gerts. 309.

—Dolnik, J.

J. Dolnik, Chernenko, Kryl. rod. 18 no. 11: 11.

—Dzhinskii, F. E.

at the front of the civil war; on the 60th anniversary of his birth. A. Nikolaev. Voer. -ist. 4: 72. S '67.

I. E. Dzerzhinskii in the Ukraine, on the 60th anniversary of his birth. O. F. Khatskevych. Ukr. ist. zhur. 11 no. 9: 138-140. S '67.

I. E. Dzerzhinskii, teacher of youth. V. M. Rodionov. Vech. serd. shkola. 10 no. 7: 27-32. S-O '67.

—Efendiev, M. E.

Mamed Emin Mustafa Ogly Efendiev. V. verb. med. zhur. 14 no. 11: 77. N '67.

—Efremov, I.

Ivan Efremov, A. Glukhot. V. mire knig. 7 no. 12: 10-11. '67.

—Elliot, T. S.

T. S. Elliot's poetry. I. K. Kochetkova. Vest. Mosk. un. Ser. 10. Filol. 22 no. 4: 15-28. Ji-Ag '67.

—Ernakov, K. D.

Kiprian Dmitrievich Ernakov is 60 years old. Term. i sport. prom. 33 no. 8: 16. '67.

—Eroshenko, V. I.

A thirst for knowledge. V. Shipov. Grazhd. av. 24 no. 9: 11. S '67.

—Evikhiev, I. I.

Ivan Ivanovich Evikhiev, Professor of Moscow University, on his 80th birthday. Vest. Mosk. un. Ser. 12. Pravo. 22 no. 6: 107-108. N-D '67.

—Faraday, M.

M. Faraday. Shkola i proizv. 10 no. 8: 95-98. Ag '66.

—Fednets', O. V.

Ginzburg, V. Z. [In the names of life] V. im'ia zhyt'ia. Uzhgorod, "Karpatsky," 1966. 75 p. (Lyudy zemli Karpats'kol)

—Flerina, E. A.

E. A. Flerina. M. Konna. Doshk. vosp. 40 no. 10: 26-29. '67.

—Friedholm, I.

Ivan Friedholm, biography and scientific studies. L. N. Sreten'skii. Ist. i metod. est. nauk. no. 5: 150-156. '66.

—Fuks, B. I.

Boris Il'ich Fuks; on his 70th birthday. Vest. khim. 99 no. 8: 140. Ag '67.

—Gaineldinov, R. G.

A cherished dream has been realized. E. Z. Demenkov. Mor. sher. 50 no. 7: 78-79. Ji '67.

—Galust'ian, T. G.

Tigran Georgievich Galust'ian, obituary. Kozh. -obuv. prom. 9 no. 12: 34. D '67.

—Golynets, V.

A calling. V. Antonov. Grazhd. av. 24 no. 8: 11. Ag '67.

—Goriachev, A. A.

Continuation of the great deed. S. Utekhin. Sov. shakht. 16 no. 5: 22. My '67.

—Gor'kii, M.

A. M. Gor'kii on the inculcation of work habits in youth. A. A. Makarov. Shkola i proizv. 10 no. 8: 8-10. Ag '66.

A friend and teacher, E. Karpov. V. mire knig. 7 no. 12: 29. '67.

—Govorukhin, V. A.

Vasilii Sergeevich Govorukhin; on his 60th birthday. V. A. Varsanof'eva. Zemlevedenie. 7: 315-321. '67.

—Gubkin, I. M.

I. M. Gubkin. Shkola i proizv. 10 no. 8: 94-95. Ag '66.

—Gvozdet'skii, A. N.

60th birthday of a noted Soviet geographer and karst researcher, anniversary meeting dedicated to N. A. Gvozdet'skii, V. A. Varsanof'eva, A. O. Voronov, I. V. Popov. Zemlevedenie. 7: 325-326. '67.

—Il'ikmet, N.

Autobiography. Nazim Il'ikmet. Vop. lit. 11 no. 11: 223-232. N '67.

—Iablochkov, P. N.

Scientists and technologists. Shkola i proizv. 11 no. 8: 78-80. Ag '67.

—Iakushova, A. F.

Aleksandra Fedorovna Iakushova; on her 60th birthday and on 35 years of her production, research and teaching activities. Vest. Mosk. un. Ser. 4 Geologia. 22 no. 6: 71-72. N-D '67.

—Irchan, M.

A conference on the occasion of the 70th anniversary of Myroslav Irchan's birth. V. IU. Tsvetokhib. Ukr. ist. zhur. 11 no. 9: 159. S '67.

—Ivanov, A. V.

A. V. Ivanov and children. L. D. Lazin. Rad. est. no. 11: 75-76. N '67.

—Jagic, V.

V. Jagic's unrealized dictionary project. O. P. Plet. T. I. Lysenko. Vop. iaz. 11 no. 3: 110-125. My '67.

—Karasev, V. Ia.

Great deed of a worker, G. Serebriakov. V. mire knig. no. 12: 15-16. '67.

—Kary-Nilazov, T. N.

Academician Tashmukhamed Nilazovich Kary-Nilazov, on his 70th birthday. Izv. AN Uz. SSR. Ser. fiz. -mat. nauk. 11 no. 6: 3-4. '67.

—Kai-zhavin, V. F.

Rabinovich, V. I. [To New York and Havana with the Spaniards] (Life and travels of F. V. Kai-zhavin) i gishpantami v Novyi Iork i Gavanu. (Zhizn' i put'shestviia F. V. Kai-zhavin). Moskva, "Mysl'," 1967. 87 p. (Zamechatel'nye geografy i puteshchestviia)

—Kechek'ian, S. F.

In memory of Professor S. F. Kechek'ian an eminent scholar of the R. S. F. S. R. Vest. Mosk. un. Ser. 12. Pravo. 22 no. 4: 93-94. Ji-Ag '67.

—Kheisin, E. M.

Eugenii Mineevich Kheisin; on his 60th birthday. Ist. Polianskii. TSitologii. 9 no. 12: 146-148. N '67.

—Khoreshkin, B. V.

Combat decoration number 15. A. A. Karpov. Ist. 51 no. 12: 24-26. D '67.

—Khosroev, G. P.

On the 60th anniversary of G. P. Khosroev's birth. P. Semenskaiia, A. A. Lalinin. Probl. geogr. i etnogr. 12 no. 11: 61-63. N '67.

—Khrulev, A. V.

From Red Guardsman to Chief of the Rear of the Red Army, on the 75th anniversary of the birth of A. V. Khrulev. F. Masakhin. Voer. -ist. zhur. 9 no. 9: 123-128. S '67.

General of the Army A. V. Khrulev; on the 75th anniversary of his birth. M. Novikov. Tyl i snab. Sov. Voer. Sil. 27 no. 9: 16-21. S '67.

—Kiprianov, G. I.

Georgii Ivanovich Kiprianov; an obituary. Khim. i fiz. zhur. 1 no. 11: 62. '67.

—Kiselev, A. A.

Aleksandr Alekseevich Kiselev is 60 years old. TSvet. met. 40 no. 12: 37. D '67.

—Kolesnichenko, Iu. I.

In memory of Iu. I. Kolesnichenko. Farmakologia. 17 no. 6: 77. N-D '67.

—Kollontai, A. M.

Aleksandra Kollontai, I. M. Mal'skii. Nov. voer. 25 [1, e. 26] no. 4: 20-22. Ja '68.

—Konev, I. S.

Commander of a Soviet military school on the 70th birthday of Marshal of the Soviet Union I. S. Konev. V. Kurasov. Voer. -ist. zhur. 9 no. 12: 19-27. D '67.

A conference at the General Staff Academy, A. F. Krasovskii. Voer. -ist. zhur. 9 no. 7: 88-92. Ji '67.

—Konstantinov, V. M.

Vladimir Mikhailovich Konstantinov. Nar. Az. i Afr. no. 6: 184-185. '67.

—Kork, A. I.

A. I. Kork, Army Commander of the Second Rank. V. ist. zhur. 9 no. 7: 124-128. Ji '67.

—Korolenko, V. G.

V. G. Korolenko's letters on editing; submitted by A. P. Tolstakov. Kniga, issl. i mat. no. 14: 73-103. '67.

—Krasovskii, S. A.

Fifty years in aviation. A. Kiselev. Voer.-ist. zhur. 9 no. 8: 62-62. Ag '67.

—Kravchenko, A. G.

A great life. T. A. Murav'eva. Vech. sred. shkola. 13 no. 5: 82-85. S-O '67.

—Krupskaiia, N. K.

A discussion with the teachers of schools for adults. N. K. Krupskaiia. Vech. sred. shkola. 10 no. 5: 6-9. S-O '67.

In the name of the common cause. N. K. Krupskaiia. Sov. potreb. koop. 11 no. 11: 54-57. N '67.

- K. Krupskaya** on adult education. V. K. Bushina. Vech sred shkola 10 no 5 9-12 S-O '67.
- Summating thoughts on self-education.** R. A. Kon'kov. Vech sred shkola 10 no 5 16-18 S-O '67.
- Working with Krupe'skaya.** N. I. Khersonskaya. Vech sred shkola 10 no 5 13-15 S-O '67.
- Kiylenko, N. V.**
Unforgettable meetings. A. Shlapochnikov. Sov. zakon no 11 23-26 N '67.
- Kiylov, I. S.**
Where I, A. Kiylov was educated. A. V. Drenitskii. Uch. zap. Ped. inst. Gerts. 308 107-119 '66.
- Ksenofontov, I. K.**
I. K. Ksenofontov. V. I. Kuz'ko. Ist. SSR no 1 50-55 11-Ag '67.
- Kubanev, V.**
Vasilii Kubanev - a fighter. M. Lapshin. Sov. voim 49 no. 15-24-25 Ag '67.
- Kuleshov, A. I.**
He chose the sky... D. Vlasov. Sov. voim 49 no. 15-22-24 Ag '67.
- Kuprevich, V. F.**
Vasilii Iosifovich Kuprevich, on his seventieth birthday. Vest. AN BSSR. Ser. khim. na. no 1 5-6 '67.
- Kuznetsov, M. K.**
Scientists and technologists. Shkola i proizvod. 11 no 8-78-80 Ag '67.
- Kutsenok, B. S.**
Boris Stepanovich Kutsenok, on his 70th birthday. A. S. M. Molit. Otop. i travmat. protez. 28 no 9 83 S '67.
- Kuznetsov, A. K.**
Vladimir Iosifovich Kuznetsov, on his 120th anniversary. A. I. Sizikov. Izv. Znan. otd. Geog. ob-va SSSR 1 no 2 91-95 '65.
- Lakoba, V. D.**
V. D. Lakoba. G. A. Dzidzaria. Ist. SSR no. 4 56-60 11-Ag '67.
- Leinin, V. I.**
Answers to V. I. Lenin's letter "To the People's Commissariat of Education", February 1918. K. I. Abramov. Bibliot. SSR no 31 30-40 '67.
- Goncharov, A., and P. Lunakov.** [V. I. Lenin and the peasantry]. V. I. Lenin i krest'ianstvo. Moskva, Politizdat, 1967. 199 p.
- History of V. I. Lenin's letter.** I. I. Rozhkov. Ukr. ist. zhur. 31 no. 12 93-94 D '67.
- Lenin and books.** P. Berkov. V mire knig 7 no. 11 2-5 '67.
- My recollections about meeting Vladimir Il'ich.** V. Voloshin. Muk. obozr. prom. 33 no 11 4 N '67.
- Papov, A. F.** [Pages of a great life: Lenin in Petrograd from April, 1917 to March, 1918]. Stranitsy velikoi zhizni, Lenin v Petrograde, aprel' 1917 goda - mart 1918 goda. Leningrad, "Detskaiia lit.", 1967. 102 p.
- Science of party leadership: Leninism in the struggle of ideas.** V. I. Litvinov. Zhurnal. ist. no. 48-10 Ap '67.
- Truth, M. I.** [V. I. Lenin's work in the field of foreign policy; daily records of 1921-1923]. Vneshnepoliticheskaia diplomat. iust. V. I. Lenin, 1921-1923, den' za dnem Moskva, "Mezhdunar. otnosheniia", 1967. 408 p.
- V. I. Lenin and the victory of the socialist revolution in the Ukraine.** M. O. But's'ko. Ukr. ist. zhur. 31 no 12 3-13 D '67.
- V. I. Lenin, organizer of the cultural revolution.** Vech sred shkola 10 no 5 3-5 S-O '67.
- V. I. Lenin's ideas on the defense of the socialist motherland.** Komm. Vozruch. Sil. 48 no. 18 77-83 S '67.
- We can learn communist morality from V. I. Lenin.** D. G. Zholudev. Vech. sred. shkola 10 no. 5 10-26 S-O '67.
- Leszczicki, S.**
Professor Stanislaw Leszczicki's 60th birthday. A. M. Riabchikov, K. A. Saitshchikov, I. U. G. Sauchkin. Vest. Mosk. un. Ser. 5 Geog. 22 no 5 119 S-O '67.
- Leushina, A. M.**
A. M. Leushina, E. G. Gribenshchikova, N. Mehmedildze. O. Solov'eva. Doshk. vosp. 40 no. 10 29-32 '67.
- Levitov, A. I.**
Plekhanov's notes about Levitov; based on unpublished materials. P. A. Nikolaev. Vest. Mosk. un. Ser. 10 Filol. 22 no. 4 61-65 11-Ag '67.
- Lezhava, A. S.**
In memory of Aleksandr Samsonovich Lezhava. V. P. Mikhailov. Arkh. anal., gist. i emb. 53 no. 12 112-117 D '67.
- Liamin, I. U. V.**
Liamin street. M. V. Vasil'ev. Vest. protivovozd. otb. no. 9 93 S '67.
- Lisitsyn, P. N.**
The most "earthly" profession. V. I. Uchenko. Grazhd. av. 21 no 8 7 Ag '67.
- Lobanov, M. F.**
Mikhail Fedorovich Lobanov. Uch. zap. NIGI Reg. geol. no 9 5-6 '66.
- Lomonosov, M. V.**
M. V. Lomonosov, as a compiler, editor and reviewer of lexicographic works. V. V. Makareva. Vop. 112 10 no 7 109-111 S-O '61.
- Machet, G. A.**
The 115th anniversary of G. A. Machet's birth. V. T. Bilan. Ukr. ist. zhur. 31 no 9 141-145 S '67.
- Malik, I. A.**
People and events. I. A. Ivanov. Aleksandrovich Malik. Nov. vrem. 28 [i. e. 26] no 1 6 Ja '68.
- Mamin, D. N.**
Unknown letters of D. N. Mamin-Sibirskii. N. I. Akuzhin. Uch. zap. Ped. inst. Gerts. 309 456-462 '66.
- Mann, T.**
Thomas Mann and socialism. A. V. Rusakova. Izv. AN SSSR Ser. lit. i iz. 26 no 5 177-181 S-O '67.
- Markushovich, A. I.**
Reminiscences of A. I. Markushovich. Usp. mat. nauk. 22 no. 6 9-12 N-D '67.
- Marx, K.**
The main work of Karl Marx; the centennial of the first volume of "Das Kapital." E. F. Borisov. Vest. vys. shkoly 25 no. 9 70-82 S '67.
- A man from Lvov who knew Karl Marx.** M. M. Volianuk. Ukr. ist. zhur. 31 no. 9 112-114 S '67.
- Matveev, V. N.**
In memory of Docent Vasilii Nikitich Matveev. Vest. d. khim. i ven. 41 no. 9 92 11 '67.
- Mazhbits, A. M.**
A. M. Mazhbits, on his 75th birthday and 15th anniversary of the Republic, scientific, pedagogic and civic activities. L. A. Reshetova. Trudy Novokuz. GIDUVA no. 33 3-6 '66.
- Men'shagin, V. D.**
V. D. Men'shagin, Professor of Moscow University; on his 70th birthday. Vest. Mosk. un. Ser. 12 Priro. 22 no 1 83-85 11-Ag '67.
- Men'shikov, G. P.**
In memory of G. P. Men'shikov. Khim. - farm zhur. 1 no 8 53 Ag '67.
- In memory of G. P. Men'shikov.** Khim. priro. soed. no 6 114-118 '67.
- Men'shov, D. E.**
Dmitrii Evgen'evich Men'shov; on his 75th birthday. Vest. Mosk. un. Ser. 10 Mat., mekh. 22 no. 6 138-142 N-D '67.
- Metchenko, A. I.**
A. I. Metchenko; on his 60th birthday and the 35th anniversary of his work in the field of literary criticism. O. Smola. Vest. Mosk. un. Ser. 10: Filol. 22 no 1 77-80 11-Ag '67.
- Min'kov, B. A.**
Flying is flying. A. Mandrugina. Grazhd. av. 24 no. 9: 10 S '67.
- Mironov, A. I.**
50 years of activities of Aleksandr Ivanovich Mironov in the field of coke and coke chemicals. Koks i khim. no. 6 64 '67.
- Mitrokhin, D. I.**
A master of graphic arts. V. Katkov. V mire knig 7 no. 12 32-33 '67.
- Morozenko, N. K.**
N. K. Morozenko; obituary. Izv. vys. uchob. zav.; geol. i razv. 10 no. 9 158 '67.
- Morozov, G. F.**
G. F. Morozov, author of the theory of forest stands; on the centennial of his birth. A. A. Korzhagin. Bot. zhur. 62 no. 11 1868-1878 N '67.
- Georgii Fedorovich Morozov; on the centennial of his birth.** I. D. Iurkevich, P. I. Petrovskii. Bot.; issl. Bel. otd. VBO no. 9 238-242 '67.
- In memory of an outstanding silviculturist; centennial celebration of the birth of G. F. Morozov.** V. I. Stukov. Bot. zhur. 62 no. 11 1887-1891 N '67.
- Mostovich, V. I. A.**
Creator of the school of nonferrous metal metallurgists. S. M. Anisimov. TSist. mat. 10 no. 10 104-105 O '67.
- Nadson, G. A.**
Conference dedicated to the centennial of the birth of Academician Georgii Adamovich Nadson. T. M. Kondrat'eva. Tsitolog. 9 no 11 1443-1446 N '67.
- Napier, J.**
John Napier, the inventor of logarithms. Sred. spets. obs. 11 no 1 51-55 1p '67.
- Naumchik, G. L.**
Georgii Iukich Naumchik, obituary. Geol. zhur. 26 no 5 103 '66.
- Nikitin, V. M.**
On the 60th birthday of Volodymyr Mikolaiovich Nikitin. Fiziol. zhur. [Ukr.] 13 no 6 859-860 N-D '67.
- Novitskii, B. P.**
Navy painter. V. E. Chernobrievskii. Surost. obozr. 57 no. 11 109-110 N '67.
- Paulus, F.**
Testament of Field Marshal Paulus. Nov. vrem. 25 no 3 22-24 F '68.
- Pavlov, I. P.**
I. P. Pavlov's doctrine and Soviet psychiatry. N. N. Traugott. Zhur. nev. i psikh. 87 no 11 1689-1693 '67.
- Petin, I. I.**
Such is his work. Mikh. Golovenkov. Grazhd. av. 21 no. 11 22 N '67.
- Petrinav-Sokolov, I. V.**
Igor Vasil'evich Petrinav-Sokolov; on his 60th birthday. Zhur. fiz. khim. 41 no. 6 2126-2137 Ag '67.
- Petrov, A. M.**
Aleksandr Mikhailovich Petrov, obituary. Trudy VIGIS 12: 260-265 '66.
- Plekhanov, G. V.**
Plekhanov's notes about Levitov; based on unpublished materials. P. A. Nikolaev. Vest. Mosk. un. Ser. 10 Filol. 22 no. 4 61-65 11-Ag '67.
- Pod'apol'skaya, V. P.**
Varvara Petrovna Pod'apol'skaya; on her 75th birthday. Med. paraz. i paraz. bol. 36 no. 6 750-751 N-D '67.
- Poidenko, V. F.**
Relay race of courage. I. Gorbatyuk. Komm. Voor. Sil. 18 no. 22 59-61 N '67.
- Ponomarev, S. A.**
Generosity of the soul. N. V. Bogdanova. Vech. sred. shkola 10 no 5 8a-89 S-O '67.
- Postovskaya, N. M.**
N. M. Postovskaya's 50th birthday. Vest. drev. ist. no. 2: 316 Ap-Je '67.
- Prasolov, L. I.**
Leonid Ivanovich Prasolov; on the 60th anniversary of his birth. I. M. Osolina. A. I. Sizikov. Izv. Znan. otd. Geog. ob-va SSSR 1 no 2 98-101 '65.
- Preis, M. P.**
M. P. Preis as the psychiatrist of Krasnoyarsk Territory. Z. G. Gimanov. Shoi. nauch. trud. Krasnoyarsk. gos. med. no. 7 17-19 '63.
- Primakov, V. M.**
Corps Commander V. M. Primakov. Voen.-ist. zhur. 9 no. 12 119-123 D '67.
- Raport, M. I. U.**
Mikhail Iur'evich Raport; an obituary. Vop. neirokhur. 31 no. 6 57-58 N-D '67.
- Ratsig, S. I.**
The 65th birthday of Sergei Ivanovich Ratsig. I. M. Nekhov. Vest. Mosk. un. Ser. 10: Filol. 22 no. 6 106-108 N-D '67.
- Robinson, V. N.**
In memory of Vasilii Nikolaevich Robinson. Izv. AN SSSR, Ser. geol. no. 12 145-147 D '67.
- Rolland, R.**
Romain Rolland writes about the Russian Revolution. Zhurnal. ist. no. 42-6 Ap '67.
- Roshchupkin, O.**
In my native element. L. Larin. Sov. voim 49 no. 24: 32-33 D '67.
- Rubinshtein, S. L.**
Theoretical problems of psychology in S. L. Rubinshtein's works. E. V. Shorokhova. Vop. psikh. 13 no. 5 38-50 S-O '67.

93 HISTORY

93(474 3)—Latvian S S R

Notes of the N. Ancharskaya. Sov. voen. 19 no. 17-12-43 9 '67

930 HISTORICAL SCIENCES HISTORICAL RESEARCH COLLABORAL AND AUXILIARY SCIENCES

[Against the bourgeois distortion of the history of Soviet society] Protiv burzhuaznoi falsifikatsii istorii sovet-skogo obshchestva. Sbornik statei. Otv. red. V. A. Ovsiankin. Leningrad, Izd. Leningr. un-ta, 1967. 160 p.

At the sources of Soviet military historiography.

I. Rostomov. Voenn.-ist. zhur. 9 no. 8-84-86 Ag '67

History of the interpretation of the fall of the Roman Empire in Soviet historiography. A. I. Kats. Vest. drev. ist. no. 2-12-229 Ap-Jc '67

Pedagogical lectures in the Ukrainian S S R, devoted to the anniversary of the October Revolution. H. O. Tsvetkovskaya. Ukr. ist. zhur. 11 no. 9-158-159 S '67

[Soviet historiography of the class struggle and revolutionary movement in Russia.] Sovetskaya istoriografiya klassovoi bor'by i revoliutsionnogo dvizheniya (Rossii). Otv. red. A. L. Shapiro. [Leningrad], Izd. Leningr. un-ta. Pt. 1. 1967. 218 p.

930(431)—German Democratic Republic

Work of a group for the study of Soviet-German relations, 1960-1967. Guntker, Gerski. Ist. SSSR no. 4-172-173. Ji-Ag '67

930(437)—Czechoslovakia

Preparations for the anniversary of the October Revolution in Czechoslovakia. Oldricha Kodrdova. Sov. slav. no. 5-104-109 '67

930(438)—Poland

Polish scholars prepare for the 50th anniversary of the Great October Revolution. Paderewski, Cieslak. Sov. slav. no. 5-99-102 '67

930(471.311)—Moscow Province

A conference on the history of the Moscow region devoted to the 50th anniversary of the October Revolution. V. T. Krut'1. Ist. SSSR no. 4-201-202. Ji-Ag '67

930(477)—Ukrainian S S R

History teachers of the Ukrainian institutions of higher education devote their studies to the glorious 50th anniversary. Kharkov University. B. A. Shumko. Ukr. ist. zhur. 11 no. 12-112-113 D '67

Soviet historiography of the Great October Socialist Revolution and the 1940's. I. L. Sherman. Ukr. ist. zhur. 11 no. 12-127-132 D '67

The Teachers College of Poltava. H. I. Kulyk. Ukr. ist. zhur. 11 no. 12-144 D '67

Ukrainian historians at the conferences in Berlin. I. M. Matkovych. Ukr. ist. zhur. 11 no. 12-117-118 D '67

930(496)—European communist countries as a group

The Second Conference of Historians of Socialist Countries on the History of Factories and Industrial Plants. A. V. Mitrofanova, I. S. Rogachevskaya. Ist. SSSR no. 4-219-221. Ji-Ag '67

930(497 1)—Yugoslavia

Yugoslav scholars prepare for the 50th anniversary of the October Revolution. Petro Damjanovic. Sov. slav. no. 5-108-115 '67

930(497 2)—Bulgaria

Bulgarian historians prepare for the approaching anniversary. Krasimira Mitovska. Sov. slav. no. 5-04-98 '67

930(571.53)—Irkutsk Province

[Work of Irkutsk Province libraries in the field of local history.] Knaevcheskaya rabota bibliotek Irkutskoi oblasti. Irkutsk, 1967. 69 p. (50-letii Velikogo Oktliabria).

930 2 METHOD STUDY OF SOURCES

A note on the methodology of historical studies (continuation). I. P. Kryp'lyakovich. Ukr. ist. zhur. 11 no. 9-130-132 S '67

Publishing and editing local history studies; comprehensive historical study of a town as a type of publication. V. P. Alekseev. Kniga, issl. i mat. no. 14-51-72 '67

930 2(477)—Ukrainian S S R

A session of Ukrainian historians and archivists. A. M. Katenko. Ukr. ist. zhur. 11 no. 12-144-145 D '67

930.26 ARCHAEOLOGY ANTIQUITIES

Brashinskii, I. B. [Treasures of Scythian kings; searches and finds.] Sokrovishcha skifskikh tsarei, poiski i nakhodki. Moskva, "Nauka," 1967. 126 p.

930 26(477)—Ukrainian S S R

New data on the ancient history of the southern Ukraine. O. M. Luchkov. Ukr. ist. zhur. 11 no. 12-100-103 D '67

930 26(55)—Iran

A Greek inscription on a Parthian rhyton. G. A. Koshelenko. Vest. drev. ist. no. 2-167-170 Ap-Jc '67

930 26(62)—Northeast Africa, Egypt and Sudan

Does the X-Group still present an enigma? Kazimierz Michalowski. Vest. drev. ist. no. 2-101-111 Ap-Jc '67

930 27 EPIGRAPHY AND PALEOGRAPHY

930.27(471 6)—Northern Caucasus

New epigraphic monuments from Gorgippia. I. F. Knighkova. Vest. drev. ist. no. 2-182-197 Ap-Jc '67

930 27(495)—Greece

A Greek inscription on a Parthian rhyton. G. A. Koshelenko. Vest. drev. ist. no. 2-167-170 Ap-Jc '67

930 27(53)—Arabia

Some problems of the epigraphy in ancient Southern Arabia. G. M. Bauer. Vest. drev. ist. no. 2-124-147 Ap-Jc '67

930 9 GENERAL HISTORY WORLD HISTORY

Problems of the First World War in the interpretation of Soviet historical literature published in 1964-1966. K. I. Shutailo. Ist. SSSR no. 4-127-139. Ji-Ag '67

931 ANCIENT HISTORY

History of the interpretation of the fall of the Roman Empire in Soviet historiography. A. I. Kats. Vest. drev. ist. no. 2-212-229 Ap-Jc '67

Scholarly studies at the Department of the Ancient East of the Hermitage, 1963-1965. N. B. Iand, Vest. drev. ist. no. 2-229-231 Ap-Jc '67

A symposium of students of the Mycenaean period in Brno, April 1966. N. S. Grinbaum. Vest. drev. ist. no. 2-311-315 Ap-Jc '67

The 10th anniversary of the "Vostok drevnei istorii." Vest. drev. ist. no. 2-7-6 Ap-Jc '67

931(45)—Italy

Cities and rural areas in pre-Roman Italy. Emilio Sirena. Vest. drev. ist. no. 2-77-97 Ap-Jc '67

931(479 25)—Armenian S S R

Soviet Armenian historiography of ancient Armenian history. G. K. Sarkisian. Vest. drev. ist. no. 2-201-212 Ap-Jc '67

931(195)—Greece

Tribe alliances in Southern Thrace, the 6th and 5th centuries B. C. T. D. Zlatkovskaia. Vest. drev. ist. no. 2-117-158 Ap-Jc '67

931(56)—Near East

Royal alliances (bns mlk) and royal estates (gt) in Ugarit. M. L. Gellister. Vest. drev. ist. no. 2-32-47 Ap-Jc '67

931(62)—Northeast Africa, Egypt and Sudan

Does the X-Group still present an enigma? Kazimierz Michalowski. Vest. drev. ist. no. 2-104-111 Ap-Jc '67

94 MEDIEVAL AND MODERN HISTORY

Israeli, V. L., and L. N. Kutakov. [Diplomacy of the aggressors. The German-Italian-Japanese fascist bloc. History of its origin and fall of.] Diplomatiya agressorov Germano-italo-yaponskii fashistskii blok. Istoriya ego vozniknoveniya i krakh. Moskva, "Nauka," 1967. 436 p.

Principles of the morphological classification of forms of dependence. K. K. Zelin. Vest. drev. ist. no. 2-7-31 Ap-Jc '67

Soviet historical studies of 1966 on the history of the feudal socioeconomic formation. Z. V. Udaltsova, I. A. N. Shepov. Ist. SSSR no. 4-213-218. Ji-Ag '67

940 HISTORY OF EUROPE

In the troubled time of the Great Patriotic War. S. Vorob'ev. Tyl. i snab. Sov. Voer. Sil. 28 no. 10-20-24 O '67

Unforgettable 1920. I. Spatarci. Kiy. red. 18 no. 12-3-9 D '67

940(430)—Germany

Drabkin, I. A. S. [The November Revolution in Germany.] Nojabr'skaya revoliutsia v Germanii. Moskva, "Nauka," 1967. 433 p.

940(437)—Czechoslovakia

Defense of a dissertation. V. Kopylov. Sov. slav. no. 5-126-127 '67

940(438)—Poland

Military units of the Galician Red Army in the struggle for Soviet rule. I. M. Sliko, V. I. U. Lapsyn. Ukr. ist. zhur. 11 no. 12-32-34 D '67

Reaction to the Great October Revolution in Volynia, 1920. P. N. Sypchenov. Ukr. ist. zhur. 11 no. 12-33-11 D '67

Revolutionary work of the Communist Workers Party of Poland in 1920. K. I. Pozniakov, P. M. Kalenychenko. Ukr. ist. zhur. 11 no. 12-60-70 D '67

940(44)—France

A conference of French and Soviet historians on a discussion of school textbooks. A. M. Sakharov. Ist. SSSR no. 4-176-178. Ji-Ag '67

940(460)—Spain

The Battle of Guadalajara. K. Mervetsov. Voenn.-ist. zhur. 9 no. 7-53-61. Ji '67

940(496)—European communist countries as a group

Books devoted to the 50th anniversary of the October Revolution. Sov. slav. no. 5-127 '67

An exhibition of historical literature. N. M. Pashava. Sov. slav. no. 5-124-126 '67

Soviet studies in the history of the Slavs, 1917-1967. V. D. Korotuk. Sov. slav. no. 5-17-32 '67

940(497 1)—Yugoslavia

The Great October Socialist Revolution and the establishment of a unified multinational state in Yugoslavia. M. M. Dyuric. Vest. Mosk. un. Ser. 12. Pravo. 22 no. 6-19-31. N-D '67

940(497 2)—Bulgaria

The Great October Revolution and Bulgaria. V. D. Voznevenski. Ist. SSSR no. 4-161-171. Ji-Ag '67

940(498)—Romania

Pedolian, A. I. [Stages of history.] Vekhi istorii. [Khishinov, "Karla Moldovenaske," 1967.] 93 p.

Workers of the Rhothia region in the struggle for Soviet rule. H. P. Liapunov. Ukr. ist. zhur. 11 no. 12-25-31 D '67

940.53 HISTORY OF WORLD WAR II, 1939-1945

Aerial rams of naval pilots. A. D. Zaitsev, V. N. Gaponov. Mor. sbor. 31 no. 12-25-30 D '67

All for victory over the enemy. P. Ermolin. Tyl. i snab. Sov. Voer. Sil. 28 no. 10-25-30 O '67

Along the difficult path of the war: from frontline notes. G. Kazakov. Tyl. i snab. Sov. Voer. Sil. 27 no. 9-13-15 S '67

Army secret police agents struggling for the motherland. V. Fedorchuk. Voenn.-ist. zhur. 9 no. 12-111-118 D '67

The Battle of Stalingrad. P. Ogarev. Voenn.-ist. zhur. 9 no. 8-97-105 Ag '67

Dorezhnol, I. I. [Two raids; notes of a guerrilla commander.] Dva raida, zapiski partizanskogo komandira. Gor'-kil, Volgo-Vlatskoe kn. izd., 1967. 204 p.

The C/C against the V-1 rocket. G. Tregubekov. Voenn.-ist. zhur. 9 no. 8-114-120 Ag '67

A conference at the General Staff Academy. A. Kiselev. Voenn.-ist. zhur. 9 no. 7-88-92. Ji '67

The development of organizational forms of ground forces during the Great Patriotic War. K. Malan'in. Voenn.-ist. zhur. 9 no. 8-78-80 Ag '67

The exploits of launch crews. A. A. Obukhov. Mor. sbor. 50 no. 7-36-38. Ji '67

Nature of the "blitzkrieg" in figures of losses of the German Nazi army. K. Malan'in. Voenn.-ist. zhur. 9 no. 12-80-86 D '67

For a high standard of war memoirs. A. Shumanski. M. Malakhov. V.

A fortress. Voen. S.

For

947 (474 3)—Latvian S.S.R.
Sprosis, A. I. [Latvian riflemen guarding the achievements of the October Revolution, 1917-1918]. Latvian riflemen on the streets of Riga, 1917-1918. Riga, "Zinatne," 1967. 242 p.

947 (477)—Ukrainian S.S.R.
Situation of the Ukraine in the period of capitalist rule. Botovot. Ukr. ist. zhur. II no. 9 115-116 '67.

Slyvka, R. M. [Reactionary role of the Ukrainian people's history of the Ukrainian people]. Raskhlyst. Ist. i literat. ukrains'kogo naroda. Kyiv, "Znannya," 1957. 46 p. (Biblioteka iz istorii Ukrainy).

An uprising of the home guards against the power of the national estates in November-December 1917. Abalkin. Ukr. ist. zhur. II no. 12 111-112 '67.

947 (477.0)—Western Ukraine
Reaction to the Great October Revolution in Western Ukraine. P. N. Serpukhov. Ukr. ist. zhur. II no. 9 115-116 '67.

Workers of the Khotin region in the struggle for power. P. P. Ljapunov. Ukr. ist. zhur. II no. 12 111-112 '67.

947 (477.08)—Transcarpathia
A reaction on the problem "The Great October Revolution and the rapid development of reunited Transcarpathia." V. H. Fedorenko. Ukr. ist. zhur. II no. 9 115-116 '67.

947 (478)—Moldavian S.S.R.
Podolians, A. I. [Stages of history]. Vekhi. Ist. i literat. Moldavenskoj. 1967. 63 p.

947 (479)—Caucasus and Transcaucasia
Historical data on the people of Kabarda and Karachay. I. I. Gungor. A. Maymurov. Vost. Az. i Sredn. Az. SSSR II 97-100 '67.

947 (571.0)—Soviet Far East
Studying problems of the history of the Far East. Pust. A. I. Gungor. Ist. SSSR no. 1 1967. 11 Ag '67.

947 (575.1)—Uzbek S.S.R.
Mabloy, R. N. [The Tashkent uprising of 1917 and its socioeconomic causes]. Tashkent. Vost. i Zap. 1967. 1 ego sotsial'no-ekonomicheskie predposylki. Tashkent, "Fan," 1966. 70 p.

947 (575.3)—Kirgiz S.S.R.
Chukubayev, A. A. [The class struggle and revolution in Kirghizia, (1900-1917)]. Klassovaya bor'ba i revolyutsionnaya mysl' v Kirgizii, (1900-1917). Frunze, "Kyrgyzstan," 1967. 102 p.

[Studies in the history of Soviet Dzungaria]. Ocherki iz istorii sovetskikh dungan. Pod red. M. Shukhova i G. Frunze. Frunze, "Mim," 1967. 291 p.

940 53(439)—Germany
The role of the German people in the war, the head-on attack on the Hitler regime. A. Dushchek. Voen.-ist. zhur. 9 no. 7 112-116 '67.

940 53(437)—Czechoslovakia
The role of the Czech people in the war. V. V. Voronov. Voen. zhur. 13 no. 11 112-116 '67.

940 53(471.232)—Leningrad City
The role of the people of Leningrad in the war. G. A. Antonov. Voen. zhur. 13 no. 11 112-116 '67.

940 53(471.323)—Kursk Province
The role of the people of Kursk in the war. G. A. Antonov. Voen.-ist. zhur. 9 no. 7 112-116 '67.

940 53(471.4)—Central and lower Volga regions
The role of the people of the central and lower Volga in the war. A. I. Frolov. Voen. zhur. 13 no. 11 112-116 '67.

940 53(471.5)—Over the Volga stronghold, A. Zaitsev, Kryn. rod, 18 no. 11 112-116 '67.

940 53(471.6)—Northern Caucasus
The role of the people of the Northern Caucasus in the war. P. D. Danilov. Voen.-ist. zhur. 9 no. 7 112-116 '67.

940 53(474.2)—Estonian S.S.R.
The Estonian "Tasuja" N. Melod'kov. Grazhd. av. 24 no. 11 10-31 N '67.

940 53(474.5)—Lithuania
The Lithuanian "Tasuja" V. Bernotenas. Sov. voen. 49 no. 17-22. 43 '67.

940 53(477)—Ukrainian S.S.R.
The Ukrainian "Tasuja" A. M. Zvezdov. Vost. protivovozd. 49 no. 17-22. 43 '67.

940 53(477.0)—Western Ukraine
The Ukrainian "Tasuja" A. M. Zvezdov. Vost. protivovozd. 49 no. 17-22. 43 '67.

940 53(477.08)—Transcarpathia
The Ukrainian "Tasuja" A. M. Zvezdov. Vost. protivovozd. 49 no. 17-22. 43 '67.

940 53(478)—Moldavian S.S.R.
The Moldavian "Tasuja" A. M. Zvezdov. Vost. protivovozd. 49 no. 17-22. 43 '67.

940 53(479)—Caucasus and Transcaucasia
The Caucasian "Tasuja" A. M. Zvezdov. Vost. protivovozd. 49 no. 17-22. 43 '67.

The 25th anniversary of the liberation of the Ukraine from the occupation forces of German fascists. O. V. Mosteier. Ukr. ist. zhur. II no. 12 111-112 '67.

940 53(477.8)—Western Ukraine
[The battle for Bukovina] Bitva za Bukovinu. Uzhgorod, "Karpaty," 1967. 191 p.

Sacrifice of Ukrainian nationalists to German fascists in the wartime "General Government," 1939-1941. A. K. Dubyna, P. S. Dushchek. Ukr. ist. zhur. II no. 9 115-116 '67.

940 53(478)—Moldavian S.S.R.
Harder than steel. A. Blazhef. Voen.-ist. zhur. 9 no. 7 112-116 '67.

940 53(497.2)—Bulgaria
Some aspects of the victory of the socialist revolution in Bulgaria. Angel Nakov. Ukr. ist. zhur. II no. 9 115-116 '67.

940 53(498)—Romania
Defeat of the fascist German troops in Romania, March-October 1944. N. Eronia, I. Shufarev. Voen.-ist. zhur. 9 no. 9 51-63 '67.

940 53(51)—China
Notes of Air Force Colonel General A. G. Rylov. Voen.-ist. zhur. 9 no. 9 73-81 '67.

940 53(73)—United States of America
Military transport planes of the U.S.A. during the Second World War. I. U. Katsenov. Voen.-ist. zhur. 9 no. 7 31-44 '67.

940 53(98)—Arctic and North Polar regions
On the hills of the arctic regions; memoirs. V. V. Rassokhin. Mor. shor. 50 no. 9 39-42 '67.

947 HISTORY OF RUSSIA, U.S.S.R.
[Against the bourgeois distortion of the history of Soviet society] Protiv burzhuaznoi falsifikatsii istorii sovetskogo obshchestva. Sbornik statei. Otv. red. V. A. Ovsiankin. Leningrad, Izd. Leningr. un-ta, 1967. 160 p.

Brief news, facts, and finds. Voen.-ist. zhur. 9 no. 7 112-116 '67.

[The 50th anniversary of the October Revolution is the triumph of Marxism-Leninism] 50 let Oktabria - to zhestvo marksizma-leninizma. Moskva, Politizdat, 1967. 368 p.

Following guerilla paths, E. Skorospelova. V. m. i. knig. 7 no. 12 19 '67.

History of Russian internal policy in the early 17th century. V. D. Nazarov. Ist. SSSR no. 4 90-102 '67.

Meeting of the Committee of Soviet and Czech Historians. A. I. Nedorezov. Vost. AN SSSR. 37 no. 12 86-88 '67.

Military reserves on the eve of the October Revolution. L. M. Gavrilov. Ist. SSSR no. 1 18-29 '67.

The Ninth Interrepublic Symposium on the Agrarian History of Eastern Europe. I. V. Ledovskaya. Ist. SSSR no. 4 222-227 '67.

The paths of Soviet regional studies. A. M. Rozgon. Ist. SSSR no. 4 190-201 '67.

A plenum of the section on the history of the CPSU. V. M. Savilev. Vost. vyz. shkoly. 25 no. 9 82-84 '67.

Recommended literature for students of local history. Ist. SSSR no. 4 203 '67.

[Soviet historiography of the class struggle and revolutionary movement in Russia] Sovetskaya istoriografiya klassovoi bor'by i revolyutsionnogo dvizheniya v Rossii. Otv. red. A. L. Shapir. [Leningrad], Izd. Leningr. un-ta. Pt. 1. 1967. 218 p.

[The Soviet motherland, 1917-1967] Rodina Sovetskaja, 1917-1967. Izd. 2-e, dop., ispr. Moskva, Politizdat, 1967. 509 p.

They stirred up the world, A. Kovalev, M. Gusatinskii. V. m. i. knig. 7 no. 12 4-5 '67.

Victory of Soviet military art. N. Pavlenko. Nov. vrem. 23 no. 5 20-22 '68.

947(471.318)—Kaluga Province
Anisimov, N. N., and V. N. Sorokin. Kozel'sk. Tula, Priokskoe kn. izd., 1967. 174 p.

947(471.321)—Orel Province
[Studies in the history of the Orel Province party organization] Ocherki istorii Oryol'skoi partinnoi organizatsii. Tula, Priokskoe kn. izd., 1967. 340 p.

947(471.621)—Adyge Autonomous Province
[Lightened by the October Revolution. The Adyge Autonomous Province during the last 50 years] Oktabriem ozarennaya. Adygina za 50 let. Sbornik. [Malkop, Krasnodarskoe kn. izd., 1967]. 210 p.

947(474 3)—Latvian S.S.R.
Sprosis, A. I. [Latvian riflemen guarding the achievements of the October Revolution, 1917-1918]. Latvian riflemen on the streets of Riga, 1917-1918. Riga, "Zinatne," 1967. 242 p.

947(477)—Ukrainian S.S.R.
Situation of the Ukraine in the period of capitalist rule. Botovot. Ukr. ist. zhur. II no. 9 115-116 '67.

Slyvka, R. M. [Reactionary role of the Ukrainian people's history of the Ukrainian people]. Raskhlyst. Ist. i literat. ukrains'kogo naroda. Kyiv, "Znannya," 1957. 46 p. (Biblioteka iz istorii Ukrainy).

An uprising of the home guards against the power of the national estates in November-December 1917. Abalkin. Ukr. ist. zhur. II no. 12 111-112 '67.

947(477.0)—Western Ukraine
Reaction to the Great October Revolution in Western Ukraine. P. N. Serpukhov. Ukr. ist. zhur. II no. 9 115-116 '67.

Workers of the Khotin region in the struggle for power. P. P. Ljapunov. Ukr. ist. zhur. II no. 12 111-112 '67.

947(477.08)—Transcarpathia
A reaction on the problem "The Great October Revolution and the rapid development of reunited Transcarpathia." V. H. Fedorenko. Ukr. ist. zhur. II no. 9 115-116 '67.

947(478)—Moldavian S.S.R.
Podolians, A. I. [Stages of history]. Vekhi. Ist. i literat. Moldavenskoj. 1967. 63 p.

947(479)—Caucasus and Transcaucasia
Historical data on the people of Kabarda and Karachay. I. I. Gungor. A. Maymurov. Vost. Az. i Sredn. Az. SSSR II 97-100 '67.

947(571.0)—Soviet Far East
Studying problems of the history of the Far East. Pust. A. I. Gungor. Ist. SSSR no. 1 1967. 11 Ag '67.

947(575.1)—Uzbek S.S.R.
Mabloy, R. N. [The Tashkent uprising of 1917 and its socioeconomic causes]. Tashkent. Vost. i Zap. 1967. 1 ego sotsial'no-ekonomicheskie predposylki. Tashkent, "Fan," 1966. 70 p.

947(575.3)—Kirgiz S.S.R.
Chukubayev, A. A. [The class struggle and revolution in Kirghizia, (1900-1917)]. Klassovaya bor'ba i revolyutsionnaya mysl' v Kirgizii, (1900-1917). Frunze, "Kyrgyzstan," 1967. 102 p.

[Studies in the history of Soviet Dzungaria]. Ocherki iz istorii sovetskikh dungan. Pod red. M. Shukhova i G. Frunze. Frunze, "Mim," 1967. 291 p.

947.084 HISTORY OF RUSSIAN REVOLUTION, 1917-1920
"Aurora," a report. Voen. zhur. 13 no. 11 4 '67.

"Aurora" gathers speed. L. Huga. Sov. voen. 49 no. 19 40-41 '67.

The Black Sea Fleet in 1917. N. M. Gerasimov. Ist. SSSR. 50 no. 9 26-31 '67.

Books and the revolution; some documents and the movement of library services and preservation of the collections in the first years of Soviet rule. I. P. Martynov. Bibliot. SSSR no. 31 10-51 '67.

Books devoted to the 50th anniversary of the October Revolution. Sov. sluz. no. 5 127 '67.

The commissioners of justice. K. Palkin. Sov. voen. 49 no. 18 '67.

Courts born of the revolution. L. Antonova. Sov. voen. 49 no. 21-10-13 N '67.

Days that shook the world. Sudostroenie. 87 no. 11 '67.

Defense of a dissertation. V. Kopylov. Sov. sluz. 126-127 '67.

Documents tell the story. Mor. shor. 50 no. 5 23 '67.

The dossier of a journalist. Zhurnal. no. 4 '67.

Exploits of the Baltic Fleet during the revolution. V. I. Tkachuk. Mor. shor. 50 no. 9 20-22 '67.

F. E. Dzerzhinskii at the front of the civil war, on the 50th anniversary of his birth. A. Nikolaev. Voen. ist. zhur. 9 no. 9 64-72 '67.

- The 50th anniversary of the Great October Revolution, Rad shk. 46 no. 11-11 N '67
- The 50th anniversary of the Soviet régime and socialist legality Sots zakon no. 11-27-32 N '67
- Fifty years of the Great October Socialist Revolution Reft i ga' prom no. 51 '67
- First food supply detachments A. V. Ivanov, Zakup, sel'khoz prod., no. 10-10-11 O '67
- The first Soviet people's courts E. Finn Sots zakon no. 11-65-66 N '67
- Meeting headquarters for the "Centobalt," A. L. Lariov, Sudostroiennye 57 no. 11-102-103 N '67
- Freidlin, B. M. [Studies in the history of the Russian labor movement in 1917] Ochei ki istori i rabochego dvizheniia v Rossii v 1917 g. Moskva, "Nauka," 1967 339 p.
- The Great October Revolution and the observance of laws V. Rudenko, Sots zakon no. 11-2-13 N '67
- He participated in the assault on the Winter Palace, N. Skovitsov, Sots zakon no. 11-33-37 N '67
- He still remembers those times Sov. ist. no. 21-23-25 N '67.
- [Heroes of the October Revolution] Biographies of leading participants in preparations for and the carrying out of the October armed uprising in Petrograd. Biografiia aktivnykh uchastnikov podgotovki i provedeniia Oktia br'skogo voozuzh vosstaniiia v Petrograde, Lenzdat, L. 1967 655 p.
- T 2 1967 823 p
- In a fiery circle Sov. potreb. koop. 11 no. 11-21-26 N '67
- In the name of peace on earth Leon Delfos Sov. shakht 16 no. 5-29-30 My '67
- In the name of the Iron Teller; on the 50th anniversary of the formation of the All-Russian Extraordinary Commission for Combating Counter-Revolution and Sabotage, E. Erkhov, Sov. voen. 49 no. 24-30-31 D '67
- International units in battles for Soviet rule Komm. Vooruzh. Sil 18 no. 10-86 S '67
- Military operations of the No. 2 armored train, I. A. S. Brovkin, Ukr. ist. zhur. 11 no. 9-91-96 S '67
- Military reserves on the eve of the October Revolution I. M. Gavrilov, Ist. SSSR no. 118-20 II-Ag '67.
- Mokov, S. I. [Proletarian internationalism in the defense of the ideas of the October Revolution, efforts of the Communist Party to ensure the international solidarity of workers during the civil war and foreign armed intervention, 1918-1920] Proletarskii internatsionalizm na zashchite idei Oktia br'skoi revoliutsii i Kommunisticheskoi partii po internatsional'nomu splocheniiu tudaishchikh voim v gody grazhdanskoi voyny i imostrannoi voennoi intervetsii, 1918-1920 gg. [L'vov], Izd. L'vovskogo un-ta, 1967. 113 p.
- The October Revolution at the front, I. Mintz, Voenn. ist. zhur. 9 no. 9-16-26 S '67.
- The October Revolution at the front (to be concluded), I. Mintz, Voenn. ist. zhur. 9 no. 7-3-14 JI '67
- The October revolution in documents, O. E. Lebedev Vech. sred. shkola 10 no. 5-68-72 S-O '67.
- Our banner, Sem'ia i shkola 22 no. 11-14 N '67.
- The Party inspired and organized the victories in the Civil War, N. Kiriaev, Komm. Voor. Sil. 48 no. 22, 51-53 N '67.
- "Pravda," October, 1917, N. Afanas'ev, Voenn. znaniia 43 no. 11-6-7 N '67.
- Problems in the history of the February Revolution and its social and economic premises, I. F. Gindin, Ist. SSSR no. 4-30-48 JI-Ag '67.
- Ravich, N. A. [Youth of a century] Molodost' veka. Moskva, "Sov. Rossiia," 1967. 357 p.
- Reactionary nature of the public prosecution agencies of the Provisional Government, March-October 1917, E. A. Skripilev, Vest. Mosk. un. Ser. 12. Pravo 22 no. 6-10-18 N-D '67.
- Remain Holland writes about the Russian Revolution, Zhurnal'ist no. 4-2-6 Ap '67.
- Sailors of the Baltic fleet in July, 1917, P. I. Mus'akov, Mor. sbor. 50 no. 7-24-29 JI '67.
- A session of the Academy of Sciences of the White Russian S. S. R. devoted to the 50th anniversary of the October Revolution, V. F. Chernikava, Vest. AN BSSR, Ser. hram. nav. no. 4-130-140 '67.
- Shumilov, M. M. [The October Socialist Revolution and the historical destinies of farm laborers] Oktia br'skaia sotsialisticheskaia revoliutsiia i istoricheskie sud'by batrachestva. Moskva, "Mysl'," 1967. 231 p.
- Spreis, A. I. [Latvian riflemen guarding the achievements of the October Revolution, 1917-1918] Latvyshekie strelki na strazhe zavoevaniia Oktia br'skoi revoliutsii, 1917-1918 gg. Riga, "Zinatne," 1967. 242 p.
- A staunch guardian of the achievements of the Great October Revolution, on the 50th anniversary of the establishment of the All-Russian Cheka, V. D. Holichenko, Ukr. ist. zhur. 11 no. 12-100-111 D '67.
- Study of the subtheme "The armed revolt in October 1917" in the 9th grades, I. M. Skypkin, Rad. shk. 46 no. 11-63-69 N '67.
- V. I. Lenin on the role of the Navy in the October armed uprising, P. Z. Sivkov, Mor. sbor. 50 no. 9-14-23 S '67

We will fulfill the command! V. Kuprevich, Voenn. znaniia 43 no. 11-8-9 N '67

Writers of the world speak about the October Revolution Sem'ia i shkola 22 no. 11-2-3 N '67

917 084(471 1)—Northern R S F S R

The first revolutionary tribunals in Northern Russia I. Dubrov, Sov. ist. no. 21-16-17 N '67

947 084(471 232)—Leningrad City

The Great Socialist, Sov. potreb. koop. 11 no. 11-20-22 N '67

[Petrograd during the October Revolution. Reminiscences of participants in the revolutionary events of 1917 in Petrograd] Petrograd v dni Velikogo Oktia br'skogo Vosposniatniia uchastnikov revoliutsii sobytiia v Petrograde v 1917 g. Lenzdat, Lenzdat, 1967. 550 p.

947 084(471 311)—Moscow Province

A conference on the history of the Moscow region devoted to the 50th anniversary of the October Revolution V. T. Kiut, Ist. SSSR no. 1-201-202 II-Ag '67.

947 084(471 328)—Mordvin A S S R.

Remembering their names, O. L. Rubchenko, Zakup sel'khoz. prod. no. 10-27-30 O '67.

947 084(471 4)—Central and Lower Volga regions

[The October Revolution in the Volga Valley] Oktia br'skii Povolzh'e Saratov, Povolzhskoe kn. izd. 1967 610 p.

947 084(471 6)—Northern Caucasus

Historians of the Northern Caucasus prepare for the anniversary of the Great October Revolution, Kh. G. Berikotov, M. S. Toteev, Ist. SSSR no. 4-221-223 II-Ag '67.

947 084(471 81)—Rostov Province

[This the Don Valley steppes cannot forget; a collection of reminiscences] Pomiati stepti Donskoi; sbornik vospomiati. [Rostov-na-Donu] Rostovskoe kn. izd. 1967. 338 p.

947 084(474 3)—Latvian S S R

Under the banner of the October Revolution, I. A. Kaimin, Ukr. ist. zhur. 11 no. 12-82-85 D '67

947 084(476)—White Russian S. S. R.

The struggle against the White Russian bourgeois nationalists during preparations for the carrying out of the Great October Socialist Revolution, I. A. Kaimin, chyk, Vest. AN BSSR, Ser. hram. nav. no. 1-46-53 '67.

Victory of the Great October Socialist Revolution and the establishment of Soviet rule in White Russia, N. V. Karmenskai, Vest. AN BSSR, Ser. hram. nav. no. 1-5-21 '67.

947 084(477)—Ukrainian S S R.

[The civil war in the Ukraine, 1918-1920; a collection of documents and materials in three volumes and in four books] Grazhdanskaiia volna na Ukrainie, 1918-1920, sbornik dokumentov i materialov v trekh tomakh, chetyrekh knigakh. Kiev, "Naukova dumka," T. 3. [Failure of the White Polish intervention. Defeat of the Ukrainian nationalist counter-revolution and the White Guards of General Vrangeli, March-November 1920] Krakh belopol'skoi intervetsii, razgrom ukrainatskoi natsionalisticheskoi kontrrevoliutsii i bogol'skikh voisk Vrangelia, mart-noiabr' 1920, Pod red. N. K. Kolesnika, 1967.

Combat action of the students of White schools in the Ukraine, N. K. Siemke 11 no. 12-86-87 D '67.

Establishment of the Soviet régime in Sherstnik, Ukr. ist. zhur. 11 no. 12.

History teachers of the Ukrainian first education devote their studies to the anniversary, Kharkov University, B. ist. zhur. 11 no. 12-142-143 D '67.

Military units of the Galician Red Arm for Soviet rule, I. M. Siiko, V. IU L. zhur. 11 no. 12-32-34 D '67.

Participation of the Bolsheviks of the Baltic Fleet in the struggle for Soviet Ukraine, M. D. Brezgun, Ukr. ist. 52-53 D '67.

The past, the present, and the future, A. Nikitchenko, Zakup, sel'khoz. prod. '67.

The red guards of Grechany, S. K. Huz zhur. 11 no. 12-91-93 D '67.

Soviet historiography of the Great October Revolution and the civil war in the U 1930's, I. L. Sherman, Ukr. ist. zhur. D '67.

Ukrainian Bolsheviks in the struggle for H. M. Mulykh, Ukr. ist. zhur. 11 no.

Under the banner of the October Revolution, I. A. Kaimin, Ukr. ist. zhur. 11 no. 12-82-85 D '67

Unfading glory, I. P. Petrechenko, Rad. shk. 46 no. 11-70-72 N '67

V. I. Lenin and the victory of the socialist revolution in the Ukraine, M. O. But'sko, Ukr. ist. zhur. 11 no. 12-1-13 D '67

947 084(477 6)—Donets Basin

History of V. I. Lenin's letter, I. I. Rozhkov, Ukr. ist. zhur. 11 no. 12-93-94 D '67

947 084(478)—Moldavian S S R

Bolsheviks of the Eighth Army at the Rumanian Front during the October Revolution of 1917, M. I. Siciachov, Ukr. ist. zhur. 11 no. 12-121-126 D '67

947 084(479)—Caucasus and Transcaucasia

The mass struggle of the Caucasus Front soldiers against the Kornilov uprising, A. Siciakov, Voenn. ist. zhur. 9 no. 8-121-125 Ag '67.

947 084(479 22)—Georgian S S R

History of the establishment of Soviet rule in Georgia, Sh. V. Tsagareishvili, Ukr. ist. zhur. 11 no. 9-97-98 S '67.

947 084(479 25)—Armenian S S R

An effort at and plans for the restoration of capitalism in Armenia and their failure, A. A. Esayan, Uch. zap. Erav. un. 100-3-10 '66.

947 084(571)—Asiatic R S F S R

During the difficult years, P. I. Voevodin, Zakup sel'khoz. prod. no. 10-9-10 O '67.

947 084(574)—Kazakh S S R

A turning point in the historical destiny of the Kazakh people, A. Igenbaev, Vest. AN Kazakh. SSR 23 no. 9-72-74 S '67.

947 084(575 2)—Kirghiz S S R

The development of legal procedure in Kirghizistan, I. Golubeva, Sots. zakon, no. 11-60-82 N '67

950 HISTORY OF ASIA

Brief news, Nar. Az. i Afr. no. 6-176-182 '67.

[Centuries of unequal struggle] Veka neravnoi bor'by. Moskva, ["Nauka"], 1967 451 p. (Nats.-osvobodit. dvizheniia v Azii i Afrike).

The East, history, and civilization B. Gafurov, Az. i Afr. arg. 11 no. 12-42-43 D '67

Scholarly studies at the Department of the Ancient East of the Hermitage, 1963-1965, N. B. Landa, Vest. diav. ist. no. 2-229-274 Ap-Jc '67.

950(479 24)—Azerbaijan S S R.

New data on national liberation movement in southern Azerbaijan in 1917, F. M. Aliiev, Dokl. AN Azerb. SSR 23 no. 7-99-100 '67.

950(55)—Iran

Bolafan, B. P. [International relations of Iran in 1813-1828] Mezhdunarodnye otnosheniia Irana v 1813-1828 gg. Erevan, Izd. AN Arm. SSR, 1967. 295 p.

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950(597 3)—South Vietnam

Vietnam in History for Vietnam 24(1) no 1-2
1968
War in South Vietnam as seen from the North
from 23(1) no 1-2 1968

960 HISTORY OF AFRICA

History of Africa no 178-182 1967
[Centuries of unequal struggle] Veka neivnoi bor'by.
Moskva, ["Nauka"], 1967 451 p (Nits - osvobodit
dvizhenie v Afri i Afrike)
Colloquium on "Africa and Rome" I. M. Shadrin
Vostok 55(3) 37 no 12 88-89 D 1967

970 HISTORY OF NORTH AMERICA

The Ancient "Novgorod colony" in Alaska A. I. Birken-
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1967
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Vses. geog ob- i no 1967

980 HISTORY OF SOUTH AMERICA

980(721 1)—Cuba

Shustov, K. S. [Pearl of the Antilles and the Yankees.
(Cuba and U. S. imperialism). 1898-1952] Zhernichu-
zhina Antil i ianki (Kuba i impaizizm SShA) 1899-
1952 Alma-Ata, ["Kazakhstan," 1967 353 p

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- (479.22) GEORGIAN S.S.R.
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- (479.223) ADZHAR A.S.S.R.
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- (479.224) ABKHAZ A.S.S.R.
see under the following numbers: 551.7, 638
- (479.225) SOUTH OSSETIAN AUTONOMOUS PROVINCE
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- (479.24) AZERBAIJAN S.S.R.
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- (479.242) NAKHICHEVAN A.S.S.R.
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- (479.243) NAGORNO-KARABAKH AUTONOMOUS PROVINCE
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- (479.25) ARMENIAN S.S.R.
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- (480) FINLAND
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- (489) DENMARK
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- (492) NETHERLANDS
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- (497.1) YUGOSLAVIA
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- (497.2) BULGARIA
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- (498) ROMANIA
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- (5) ASIA
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- (510.17) NORTH KOREA
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- (56) NEAR EAST
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- (567) IRAQ
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- (569.4) ISRAEL
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- (57) ASIATIC U.S.S.R.
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- (571) ASIATIC R.S.F.S.R.
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- (571.12) 'TYUMEN' PROVINCE
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- (571.15) ALTAI TERRITORY
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- (571.17) KEMEROVO PROVINCE
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- (571.51) KRASNOYARSK TERRITORY
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- (571.511) TAYMYR NATIONAL DISTRICT
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- (571.56) YAKUT A.S.S.R.
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- (571.6) SOVIET FAR EAST
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- (571.62) Khabarovsk Territory
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- (571.63) MARITIME TERRITORY
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- (571.64) SAKHALIN PROVINCE
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- (571.65) MAGADAN PROVINCE
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- (571.651) CHUKCHI NATIONAL DISTRICT
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- (571.661) KORYAK NATIONAL DISTRICT
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- (574) KAZAKH S.S.R.
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- (575) CENTRAL ASIA
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- (575.1) UZBEK S.S.R.
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- (575.2) KIRGHIZ S.S.R.
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- (575.3) TAJIK S.S.R.
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- (575.4) TURKMEN S.S.R.
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- (72) MEXICO
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see under the following number 551.5

PART D

Books on Russia and the Soviet Union, or by Russian and Soviet authors, in English or in the major Western European languages (French, German, Italian, Spanish) recently cataloged by the Library of Congress

IN ENGLISH

- AGLINTSEV, KONSTANTIN KONSTANTINOVICH.
Applied dosimetry [by] K K Aglintsev [and others]
General editor: K K Aglintsev. Translated by Scripta
Technica, Inc. London, Hiffe Books [1965] 235 p
23 cm. Translation of *Prikladnaya dozimetriya*.
QC795 A2213 68-2328
- AKADEMIYA NAUK SSSR. Institut khimicheskoi fiziki
Chemiluminescence techniques in chemical reac-
tions, by V Ya Shlyapintokh and [others]. Edited by
N.M. Emanuel'. New York, Consultants Bureau, 1968
xi, 222 p. 28 cm. Translation of *Khimiluminescent-
nye metody issledovaniia medlennykh khimicheskikh
protssosov*.
QD501.A35453 68-16132
- AKADEMIYA NAUK SSSR. Nauchnyi sovet po poluprovod-
nikam
Chemical bonds in semiconductors and thermody-
namics. Edited by N N Sit'ka. Translated from
Russian. New York, Consultants Bureau, 1968 xi,
235 p. 28 cm. Translation of *Khimicheskaja svyaz' v
poluprovodnikakh i tverdyykh telakh*.
QD469 A483 1968 68-18560
- AKADEMIYA NAUK URSR, Kiev
Physics of comets and meteors (Fizika komet i
meteorov) V P. Konopleva, editor. Translated from
Russian [by Z. Lerman]. Jerusalem, Israel Program
for Scientific Translations [1966] iv, 92 p. 24 cm.
QB721.A453 68-60817
- ALMEDINGEN, MARTHA EDITH, 1898-
Tomorrow will come [by] E. M. Almedingen. New
York, Holt, Rinehart and Winston [1968] 256 p
22 cm.
DK265.7 A58 1968 68-11117
- ANNENKOV, PAVEL VASIL'EVICH, 1813-1887.
The extraordinary decade, literary memoirs by
P. V. Annenkov. Edited by Arthur P. Mendel. Trans-
lated by Irwin R. Titunik. Ann Arbor, University of
Michigan Press [1968] xvi, 281 p. 24 cm. Transla-
tion of *Literaturnye vospominaniia*.
PG3011.A5513 68-13660
- BAKER, NORMAN L.
Soviet space log, 1957-1967, the space flight log
[by] Norman L. Baker. Washington, Space Publica-
tions, 1967 59 p. 28 cm.
TL789.8.R9B3 68-19208
- BAL'TERMANTS, DMITRII NIKOLAEVICH.
Nikolai lives in Moscow. Photos. [by] Dmitrii Bal-
termants. Story by Deana Levin. [1st American ed.]
New York, Hastings House [1968, 1966] 48 p. 22 cm.
PZ9.B15N13 67-31153
- BAPTIDANOV, L. N.
Power stations and substations [by] L. Baptidanov
and V. Tarasov. Translated from the Russian by
J. Feinberg. Moscow, Peace Publishers [196-?]
462 p. 23 cm. Translation of *Elektricheskie stantsii
i podstantsii*.
TK1161.B293 68-2573
- CHEKHOV, ANTON PAVLOVICH, 1860-1904.
Ivanov, The seagull and Three sisters [by] Che-
khov; a new translation by Ronald Hingley. London,
New York [etc.] Oxford U.P., 1968. 189 p. 21 cm.
(Oxford paperbacks, 117).
PG3456.A19H5 68-82308
- COPP, DeWITT S.
Incident at Boris Gleb, the tragedy of Newcomb
Mott. [1st ed.] Garden City, N.Y., Doubleday, 1968.
280 p. 22 cm.
E183.B.R9C63 67-22444
- DAVIES, RUTH, 1907-
The great books of Russia [1st ed.] Norman,
University of Oklahoma Press [1968] xiii, 424 p.
23 cm.
PG3012.D3 67-24613
- DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881
Crime and punishment. Translated, with an after-
word, by Sidney Monas. New York, New American
Library [1968] 543 p. 18 cm. Translation of *Pro-
stuplenie i nakazanie*.
PZ3.D742C40 67-27378
- DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881
Poor people, and A little hero [by] Fedor Dostoev-
sky. Translated, with an introd., by David Magar-
shack [1st ed.] Garden City, N.Y., Anchor Books,
1968 xi, 225 p. 18 cm. Translation of *Bednye
ludi and Malen'kii gerol*.
PZ3.D742P69 68-10605
- DUBOVIK, ALEKSANDR SEMENOVICH.
Photographic recording of high-speed processes,
by A. S. Dubovik. Translated by W. E. Jones. Transla-
tion edited by George H. Lunn. [1st English ed.] Ox-
ford, New York, Pergamon Press [1968] xxi, 496 p.
23 cm. Translation of *Fotograficheskaia registratsiia
bystroprotekaiushchikh protsessov*.
TR593.D813 1968 67-16126
- ELLIS, SANDOZ, 1931-
The grand inguistitor, a study in political apocry-
lypsis. [Munich] 1967 255, 83, xviii p. 21 cm.
PG3325.B73E4 68-2531
- FENNELL, JOHN LISTER ILLINGWORTH
The emergence of Moscow 1304-1359 [by] J. L. I.
Fennell. London, Secker & Warburg, 1968. 352 p.
23 cm.
DK90.F45 1968b 68-82102
- FRANTSEV, IURII PAVLOVICH, 1903-
Fifty years of a new era, the international signifi-
cance of the Great October socialist revolution [by]
Yuri Frantsev. Moscow, Progress Publishers [1967]
170 p. 18 cm.
D847.F68 68-2159
- GEKKER, PAUL.
The financing of capital investment in the USSR.
[Washington, 1967] 331. 27 cm. (Board of Govern-
ors of the Federal Reserve System. Staff economic
studies, 31).
HC340.C3G4 68-60687
- GEORGETOWN UNIVERSITY, Washington, D.C.
The Soviet military technological challenge. Wash-
ington, 1967 xvii, 98 p. 22 cm. (Its Special re-
ports series, no. 6).
UA770.G35 67-30869
- GORKII, MAKSIM, 1868-1936.
Untimely thoughts; essays on revolution, culture,
and the Bolsheviks, 1917-1918 [by] Maxim Gorky.
Translated from the Russian with an introd. and notes
by Herman Ermolaev. New York, P. S. Eriksson
[1968] xviii, 302 p. 22 cm.
DK265.17.G083 68-14973
- GRAHAM, LOREN R.
The Soviet Academy of Sciences and the Communist
Party, 1927-1932, by Loren R. Graham. Princeton,
N.J., Princeton University Press, 1967. xv, 255 p.
25 cm.
Q60.G67 67-12346
- GRIGOR'EV, VLADIMIR IVANOVICH.
The forces of nature [by] V. Grigoryev [and] G. Mya-
kishov. Translated from the Russian by George [sic]
Yankovsky. Moscow, Mir, 1967. 343 p. 21 cm.
Translation of *Sily v prirode*.
QC73.G7513 68-2337
- GUIDE TO STREETS AND LOCATIONS IN MOSCOW.
[n.p., n.d.] 72 p. 22 cm.
DK604.G8 67-117384 rev
- HAMMOND, BRIAN.
Russia. London, Blond, 1967 64 p. 21 1/2 cm.
(Today is history series, 17).
DK42.H3 68-84964
- HELLIE, RICHARD, comp.
Readings for introduction to Russian civilization,
Masovite Society. Selected and translated by Richard
Hellie. Chicago, Syllabus Division, The College, Uni-
versity of Chicago, 1967 iii, 320 p. 23 cm.
Law 68-2373
- HORELICK, ARNOLD LAWRENCE, 1928-
The political use of Soviet strategic power [by]
Arnold Horelick and Myron Rush. Santa Monica,
Calif., Rand Corp., 1962 xi, 149 p. 28 cm. (Rand
Corporation. Memorandum RM-2631-PR).
Q180.A1R36 no.2631 68-2423
- KAPLAN, HERBERT H.
Russia and the outbreak of the Seven Years' War
[by] Herbert H. Kaplan. Berkeley, University of Cali-
fornia Press, 1968. x, 165 p. 24 cm.
DD411.5.K3 68-12249
- KISELEV, A. I.
Ordinary differential equations, by A. I. Kiselev,
M. L. Kasnov and G. I. Makeenko, translated [from
the Russian] by E. J. F. Primrose. Leicester, Leices-
ter U.P., 1967 231 p. 22 cm. Translation of *Sbornik
zadach po obyknovennym differentsial'nym uravneni-
am*.
QA371.K5313 1967b 68-84708
- KOMMUNISTICHESKAIA PARTIYA SOVETSKOGO
SOIUZA. 23. s'ezd, Moscow, 1968
23rd Congress of the Communist Party of the So-
viet Union. [Moscow] Novosti Press Agency Pub.
House [1966]. 439 p. 17 cm.
JN6598.K5 1966ad 68-1467
- KONFERENTSIIA PO FIZIKE PLAZMY I PROBLEME
UPRAVLIAEMOGO TERMOJADERNOGO SINTEZA,
4th, Kharkov, 1963
Plasma physics and controlled thermonuclear fu-
sion. (Fizika plazmy i problemy upravlyaiemogo
termoyadernogo sinteza) Edited by K. D. Sinelnikov.
Translated from Russian [by Z. Lerman]. Jerusalem,
Israel Program for Scientific Translations, 1966.
ix, 468 p. 24 cm.
QC718.K57 1963aab 68-60877
- KRADER, LAWRENCE.
Peoples of Central Asia [2d ed.] Bloomington,
Indiana University [1966] xvi, 322 p. 26 cm. (In-
diana University publications. Uralic and Altaic se-
ries, v. 26).
DK855.4.K7 1966 68-04310
- LASZLO, ERVIN, 1932- comp.
Philosophy in the Soviet Union. A survey of the
mid-sixties. Compiled and edited by Ervin Laszlo
Dordrecht, D. Reidel [1968] viii, 212 p. 22 cm.
B4231.L25 68-84714
- LEASURE, J. WILLIAM.
Population changes in Russia and the USSR: a set of
comparable territorial units [by] J. William Leasure
and Robert A. Lewis. San Diego, Calif., San Diego
State College Press, 1966 xiii, 43 p. 28 cm. (So-
cial science monograph series, v. 1, no. 2).
HD3067.L4 68-2405
- LENIN, VLADIMIR ILICH, 1869-1924.
On proletarian internationalism. Moscow, Pro-
gress Publishers, 1967 381 p. 21 cm.
HX312.L27 1967 68-2582

- [illegible]

- GONCHAROV, IVAN ALEKSANDROVICH, 1812-1891
Die Fregatte Pallas [Von] Iwan Alexandrowitsch Gontscharow. (Hrsg. und mit einem Nachwort versehen von Joachim Krause. Übersetzung von Arthur Luther.) Stuttgart, Steingrüben, 1967. 398 p. 18 cm.
Translation of *Fregat Pallada*
G499 G6315 68-83623
- GORKII, MAKSYM, 1868-1936
Sobre la literatura, artículos escogidos [de] Máximo Gorki. Versión española de Luis Enrique Delano [Santiago de Chile] Editora Austral [1962] 368 p. 23 cm.
PG3464.S5A13 1962 67-124128
- GRINEVSKII, ALEKSANDR STEPANOVICH, 1880-1932
Die purpurnen Segel. Der Schandpfahl. Der kalte Hausgeist. Das Aquarell. Der Zorn des Vaters. Der Hafenkapitän. [Von] Alexander Gm. (Aus dem Russischen übertragen von Elena Guttenberger.) Frankfurt a. M., Possev, 1967. 165 p. 21 cm.
Translation of *Izbiannoe*
PG3476.G68A43 68-76944
- HAMBIS, LOUIS
La Sibérie Sibérie [2^e édition] Paris, Presses universitaires de France, 1965. 128 p. (Que sais-je? No. 736)
DK753.H3 1965 67-111538
- HEERDEGEN, H.
Die Kigisische Sozialistische Sowjetrepublik [Von] Helga Heerdegen. [Von] Alexander Gm. Deutsch-Sowjetische Freundschaft, Abt. Agitation, 1966. 30 p.
DK913.H4 68-85327
- HINDLEY, LILY
Die Neologismen Andrej Belyjs. München, W. Fink, 1966. 143 p. 24 cm. (Forum Slavicum, Bd. 3)
PG3453B84Z72 1966 68-85518
- HUBMER, FRITZ
Wladimir Solowjew, der Kfinder des Antichristen. Stuttgart-Hohenheim, Hubsler [1966] 92 p. 18 cm. (Kornaler Hefte, 3)
B4266.H8 68-84160
- ILLUSTRATIONEN ZU VIER WERKEN VON DOSTOJEWSKIJ [VON] HELMUT ACKERMANN [ET AL.] Nennungen: *Algisu*, *C Visel* [1965] [4] p., 10 plates (in portfolio) 41 cm.
NE1330 I4 67-123649
- IUTKEVICH, SERGEI IOSIFOVICH.
Konkurent der Rege [von] Sergei Iutkewitsch. Mit einer Einführung von Hermann Herlinghaus. [Aus dem Russischen übertragen von Renate Georgi, et al.] 1. Aufl. Berlin, Henschelverlag, 1965. 472, [4] p. 21 cm.
PN1995 I P718 68-85383
- JOOST, WILHELM.
Botschafter bei den roten Zaren. Die deutschen Missionen in Moskau, 1918 bis 1941. Nach Geheimakten und persönlichen Aufzeichnungen. Mit 4 Bildtafeln und 2 Karten. Wien, Molden, 1967. 336 p. 23 cm.
DD129.R8J6 68-71004
- KADOR, FRITZ-JÜRGEN, 1932-
Normative Grundlagen des sowjetischen Wirtschaftsentwicklungs und ihre wirtschaftspolitischen Aspekte. Göttingen, 1961 II, 128 p. 21 cm.
HB113.A2K23 68-40580
- KNOLL, JOACHIM H. comp.
Erwachsenenbildung, Erwachsenenqualifizierung. Darstellung und Dokumente der Erwachsenenbildung in der DDR. Von Joachim H. Knoll und Horst Siebert. Heidelberg, Quelle & Meyer, 1968. 216 p. 22 cm.
LC5256.G4K48 68-83321
- KOLLNER, LUTZ.
Marxistische Wirtschaftstheorie und sowjetische Wirtschaftspolitik. Bonn, Bundeszentrale für politische Bildung, 1965. 91 p. 24 cm. (Schriftenreihe der Bundeszentrale für Politische Bildung, Heft 68)
JN3966.A3 Heft 68 68-70564
- KON, IGOR' SEMENOVICH.
Die Geschichtsphilosophie des 20. Jahrhunderts. Kritische Abriss [von] I. S. Kon. 2. Aufl. (Autorisierte wissenschaftliche Übersetzung aus dem Russischen und Registerzusammenstellung von W. Hoepf.) Berlin Akademie-Verlag, 1966. 2 v. 25 cm. Translation of *Filosofskii idealizm i krizis burzhuaznoi istoricheskoi mysli*
Bd. 1. Die Geschichtsphilosophie der Epoche des Imperialismus.
Bd. 2. Philosophie und Geschichtsschreibung. Geschichtsphilosophische Fragen der heutigen bürgerlichen Historiographie.
D16 .K5915 68-75985
- KOSYGIN, ALEKSEI NIKOLAEVICH, 1904-
Über den Entwurf der Direktiven zum Fünfjahrplan 1966 bis 1970. Schlusswort [Von] A. N. Kosygin. Direktiven des XXIII. Parteitagess der KPdSU für den Fünfjahrplan zur Entwicklung der Volkswirtschaft der UdSSR in den Jahren 1966 bis 1970. Berlin, Dietz, 1966. 157 p. 20 cm. Translation of *Direktyvy Dvadt'sat' tret'ego s'ezda KPSS po p'at'letнему planu*.
HC336 .Z3.K615 67-113320
- LISITSKII, LAZAR' MARKOVICH, 1890-1941
El Lissitzky. Malei, Architekt, Typograf, Fotograf. Erinnerungen, Briefe, Schriften. Übergeben von Sophie Lissitzky-Küppers. Dresden, VEB Verlag der Kunst, 1967. 407 p. 28 cm.
N6999.L5K8 68-83720
- LEWYTSKYJ, BORYS
Die Kommunistische Partei der Sowjetunion. Portrait eines Ordens. Stuttgart, Klett, 1967. 312 p. 22 cm.
JN6598.K7L463 68-78499 lev
- LEWYTSKYJ, BORYS
Die rote Inquisition. Die Geschichte der sowjetischen Sicherheitsdienste. Frankfurt a. M., Societäts-Verlag, 1967. 395 p. 18 cm.
HV224.L4 1967 68-82205
- MARKO, KURT
Deideologizacija. Zur marxistisch-leninistischen Interpretation der "Entideologisierung" von Philosophie und Gesellschaft. Köln (Bundesinstitut für Ostwissenschaftliche und Internationale Studien), 1967. 31 p. 29 cm. (Berichte des Bundesinstituts für Ostwissenschaftliche und Internationale Studien, 49)
HX15.G466 Nr.49 68-82388
- MERIGGI, BRUNO, 1927-
Le origini delle byline. Roma, Edizioni di "Ricerche slavistiche", 1963. 24 p. 25 cm.
PG3104.M4 67-124693
- MIKHILIN, SOLOMON GRIGOR'EVICH, 1908-
Lineare Differentialgleichungen der mathematischen Physik. [Von] W. M. Babitsch [u.a.] Unter der Redaktion von S. G. Michlin. In deutscher Sprache. Hrg. von L. von Wolfersdorf. (Deutsche Übersetzung. E. Kalex, D. Mann und L. v. Wolfersdorf.) Mit 13 Abbildungen. Berlin, Akademie-Verlag, 1967. xiv, 348 p. 25 cm. (Mathematische Lehrbücher und Monographien. I. Abt. Mathematische Lehrbücher, Bd. 14) Translation of *Lineinye uravneniia matematicheskoi fiziki*.
QA377.M515 1967 68-82039
- MOSKOVSKII LETOPISNYI SVOD KONTSA XV VEKA
Der Aufstieg Moskaus. Auszüge aus einer russischen Chronik. Übers. eingeleitet und erklärt von Peter Nilsche. Graz, Wien, Köln, Verlag Styria [1966-67] 2 v. 19 cm. (Slavische Geschichtsschreiber, Bd. 4-5)
DK70.M675 68-84524
- MOURIN, MAXIME, 1902-
Les Relations franco-soviétiques (1917-1967). Paris, Payot, 1967. 372 p. 20 cm.
DC59.B.R6M62 68-84335
- NEMCHINOV, VASILII SERGEEVICH, 1894-1961.
Ökonomisch-mathematische Methoden und Modelle [von] Vasilii Sergejewitsch Nemtschnow. Mit einer biographischen und bibliographischen Einführung von Eberhard Fels. (Übersetzer: Oltomar Kratsch.) München, Wien, Oldenbourg, 1966. 324 p. 22 cm. Translation of *Ekonomiko-matematicheskie metody i modeli*
HB73.M3N375 1966 67-110959
- NEUBERT, KAREL
Leningrad. Fotografien von Karel und Jana Neubert. Text von A. R. Mills. (Aus dem Englischen übersetzt von Gustav Solar. Praha) Arta [1966] 15, [79] p. 32 cm.
DK553.N6415 68-32009
- OLIANI, GEORGES.
Stalinisme sans Staline et "pacifisme" de l'imperialisme russe. "Marxisme-Léninisme?" "Ça n'existe pas!" Paris, 1963. 31 p. 24 cm.
DK274 .3 1963.O4 67-125060
- PÉRÉ, ANDRÉ.
Moscou, capitale de l'U.R.S.S., par A. Péré, avec la collaboration des commissions pédagogiques de l'I.C.E.M. Cannes, Institut coopératif de l'École moderne, 1967. 40 p. 23 cm. (Bibliothèque de travail, 645)
AC20.B47 no.645 68-83276
- PRODUCTION ET CONSOMMATION EN U.R.S.S. Paris, Editions de La Nouvelle critique, 1966. 173 p. 23 cm. (Recherches internationales à la lumière du marxisme, no. 56)
AP20.R142 no.56 68-83052
- RAUS, OTTO
Der Weg der Sowjetunion zur führenden Industriemacht der Welt. [Herausgegeben] Parteihochschule "Karl Marx" beim ZK der SED. Berlin, Dietz, 1967. 247 p. 20 cm.
HC336 .Z3.R3 68-82207
- RECLA, JOSEF.
Ostkontakte — Problem oder Aufgabe. Die Studienfahrt in die Sowjetunion und nach Polen 29. Sept. — 13. Okt. 1960. Planung und Vorbereitung — Gestaltung und Auswertung. Vorgelegt unter Mitarbeit von Studenten von Josef Recla. Graz, Institut für Lehrerbildung der Karl-Franzens-Universität Graz, 1966. 122 p. 30 cm.
DK28.R39 68-85276
- REICHEL, HANS-CHRISTIAN, 1941-
Studien zum slavophilen Weltbild Konstantin Aksakovs. Bonn, 1966. 238 p. 21 cm.
PG3321.A47Z8 67-111374
- RÉVÉSZ, LÁSZLÓ
Fünfzig Jahre Weltkommunismus. Die Rolle der KPdSU. Bonn, Verlag Schweizerisches Ost-Institut, 1967. vi, 146 p. 21 cm.
JN6398.K6R44 68-81702
- ROERICH, NIKOLAI KONSTANTINOVICH, 1874-1947
Bhakti aus dem Garten Moya. Linz, Spitaler Verlag, 21 cm. (Agni yoga serie, 2) Translation of *Lisy sada Moya*.
B4.2. Die Erleuchtung. [1966]
B4259.R63L55 68-77008
- RONDIERE, PIERRE
Moscou et Leningrad. Photographies de l'auteur. Paris, F. Nathan, [1967?] 160 p. 21 cm.
DK601.2.R6 68-83187
- ROSSIF, FRÉDÉRIC
Révolution d'octobre. [par] Frédéric Rossif, Mateloteur Chapsal. [Paris,] Hachette, 1967. 160 p. illus. 24 cm.
DK265 .15.R65 68-82737
- RUSSIA 1800 [i.e. MILLE OTTOCENTO] Presentazione a cura di Enzo Biagi. [Scelta dei commenti a cura di Lidia Crescini] Novara, Istituto geografico De Agostini [1964] [8] p., 60 plates. 31 cm.
DK25.R8 67-125139
- SAINT-PIERRE, MICHEL de, 1916-
Le Drame des Romanov. Paris, R. Laffont, 1967. 20 cm.
Tome 1. L'Ascension.
DK37.8.R6S3 68-85236
- SAPORTA, MARC, 1923-
Le Grand défi, encyclopédie comparée USA-URSS, publiée sous la direction de Marc Saporta, Georges Soti. Paris, R. Laffont, 1967. 29 cm.
Tome 1.
E169.L.S2618 68-85143
- SATTA BOSCHIA, LAURA.
Mosca e "il magnifico decennio." [Milano] F. Vallardi [1965]. xiv, 243 p. 24 cm.
DK600.S2 67-122624
- SCHNITZER, LUDA
La Vie de Lénine à l'écran. réalisé sous la direction de Luda et Jean Schultze. Traductions de Rouffa Franco, Léon Robel et Luda Schultze. Paris, les Éditions français réunies, 1967. 160 p. 17 cm.
PN1997.S314 68-86563
- SCHRAMM, WILHELM, Ritter von, 1898-
Verstärkt im Zweiten Weltkrieg. Vom Kampf der Geheimdienste in Europa. Berichte und Dokumentation. Düsseldorf, Wien, Econ-Verlag, 1967. 400 p. 23 cm.
D810.S7827 68-83335
- SEMENTOWSKI-KURILO, NIKOLAUS.
Alexander I. von Russland. Napoleons Gegenspieler am Europas Schicksal [von] Nikolaus von Sementowsky-Kurilo (Studienausg.) [Frankfurt a. M.], Societäts-Verlag, 1967. 373 p. 18 cm. First ed. published in 1939 under title: Alexander I.
DK191.S45 1967. 67-110121

- SEYFAHRT, WOLFGANG
Neue sowjetische Beiträge zu einigen Problemen der alten Geschichte, das Problem der Bagauden und die Frage der freien Lohnarbeit in neuem Lichte. Hrsg. vom Institut für Griechisch-Römische Altertumskunde der Deutschen Akademie der Wissenschaften zu Berlin in Verbindung mit der Gesellschaft zur Verbreitung wissenschaftlicher Kenntnisse. Berlin, Akademie-Verlag [1960] 22 p. 22 cm. (Lebendiges Altertum, Bd. 3)
HD4844 S4 67-115534
- SHATENSHTEIN, A. I.
Isotopenaustausch und Substitution des Wasserstoffs in organischen Verbindungen (unter dem Gesichtspunkt der Säure-Base-Theorie) von A. I. Shatenstein. Berlin, Deutscher Verlag der Wissenschaften, 1963. 365 p. 24 cm. (Physikalisch-chemische Trenn- und Messmethoden, Bd. 8) Translation of *Izotopnyi obmen i zameshchenie vododa v organicheskikh soedineniyakh*
QD281 I7533 68-75335
- SKEIB, GUNTER
Zelte im Gletschereis in den Hochgebirgen Mittelasiens [von] Gunter Skeib [und] George Dittich. Leipzig, F. A. Brockhaus, 1980. 240 p. 21 cm.
DK654 S53 67-58571
- STEINITZ, WOLFGANG, 1905-
Dialektologisches und etymologisches Wörterbuch der ostjakischen Sprache. Unter Mitarbeit von Liselotte Böhmke, Gerit Sauer und Brigitte Schulze. Berlin, Akademie-Verlag, 1960. Lfg. 1-2. 31 cm. (Abhandlungen der Deutschen Akademie der Wissenschaften zu Berlin. Klasse für Sprachen, Literatur und Kunst, Jahrg. 1960, Nr. 3. Jahrg. 1967, Nr. 2)
AS182 B333 1960, Nr. 3, etc. 68-79092
- STOCKMANN, ERICH, comp.
Sowjetische Volkslied- und Volksmusikforschung. Ausgewählte Studien. Hrsg. von Erich Stockmann und Hermann Strobach in Zusammenarbeit mit Kirill Čistov und Eugen Hipplius. Berlin, Akademie-Verlag, 1967. 367 p. 24 cm. (Deutsche Akademie der Wissenschaften zu Berlin. Veröffentlichungen des Instituts für Deutsche Volkskunde, Bd. 37)
ML3680 S89 68-82947/MN
- STOLJAROV, VITALII VLADIMIROVICH
Zur Technik und Methodologie einiger quantifizierender Methoden der soziologischen Forschung. Hrsg. von Vitalii Stolljarow. Berlin, Oietz, 1966. 405 p. 21 cm.
HM48 S7 68-87151
- STURM, ERNEST
Conscience et impuissance chez Dostoevski et Camus. Parallèle entre "le Sous-sol" et "la Chute". [Traduit de l'anglais par Geneviève Schmidt-Chevalier]. Paris, Nizet, 1967. 128 p. 19 cm.
PG3325 Z43584 68-83976
- SUKHOMLIN, VASILII, 1885-1963
Les Hittitens à Paris [par] Vassili Soukhomline. Traduit du russe par Lily Denis. Avant-propos de Lily Denis. Préface de Jean-Maurice Heilmann. Paris, les Éditions françaises réunies, 1967. 247 p. 19 cm.
D761 S914 68-82630
- SUKHOMLINSKII, VASILII ALEKSANDROVICH.
Über die Erziehung des kommunistischen Menschen [von] Vassili Suchomlinski. [Deutsch von Gerd Nennemann]. Berlin, Volk und Wissen, 1965. 167 p. 22 cm.
LC1030 S845 1965 67-123360
- TARAS ŠEVČENKO, SEIN LEBEN UND SEIN WERK. Unter der Redaktion von Juulij Bojko und Erwin Koschmieder. Wiesbaden, O. Harrassowitz, 1965. xvi, 492 p. 24 cm.
PG3948 S528593 68-82267
- TARLÉ, EVGENII VIKTOROVICH, 1874-1955
La guerre du Nord et l'invasion suédoise en Russie [par] Evguénii Tarlé. [Traduit du russe par Jean Champenois]. Moscou, Éditions du progrès [1966]. 2 v. fold col maps, plates, ports. 18 cm. Translation of *Sovernala volna i shvedskoe nashestvie na Rossiju*
DL738 T314 67-58357
- TENZLER, WOLFGANG, comp.
Treffpunkt Zukunft. Bürgerliche Stimmen zur Sowjetunion. Mit einem Geleitwort von Johannes Dieckmann. Berlin, Buchverlag Der Morgen, 1957. 293 p. 22 cm.
DK67 5 G3T4 68-7022
- TESORI DELL'ANTICA ARTE RUSSA DAL MUSEI DELL'UNIONE SOVIETICA. Roma, Palazzo Venezia, 21 marzo-21 maggio 1967. [Roma], De Luca [1967]. 109 p. 24 cm.
N5699 S3T4 68-72174
- TOLSTOI, LEV NIKOLAEVICH, graf, 1828-1910
Krieg und Frieden. (Übers. von Werner Herzogen [u. a.]) [Wien]. Die Buchgemeinde [1967]. 2 v. 21 cm. Translation of *Voyna i mir*.
PG3367 G5V585 1967 68-76292
- VÁSÁRHELYI, MIKLÓS
Die Entwicklung des sowjetischen Außenhandels mit den europäischen Ostblockstaaten seit der Gründung des Comecon <1949-1963>. Aarau, Koller, 1967. x, 222 p. 23 cm.
HF3628 E9V3 68-83069
- VILA VILAR, ENRIQUETA
Los rusos en América. [Sevilla]. Escuela de Estudios Hispano-Americanos, 1966. 104 p. 25 cm. (Publicaciones de la Escuela de Estudios Hispano-Americanos de Sevilla, 169)
F851 5 V48 67-123281
- WELZ, HELMUT.
Verratenes Grenadiere. Berlin, Deutscher Militärverlag, 1964. 330 p. 21 cm.
D761 W45 67-124629
- WOLGIN, ALEXANDER.
Hier sprechen Russen, Gedanken, Analysen, Gespräche, Tatsachen aus der Sowjetunion. [Übersetzung aus dem Russischen von Gerhard Günther]. Mainz, Krausskopf-Verlag [1965]. 500 p. 22 cm.
DK266 W6 67-125106

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Abramova, A. A.	3745a	Aizkovich, L. E.	1749c	-----Akademiya nauk Moldav'skoi SSR	10b
Abramovich, A. F.	4103c	Aizmov, M. M.	907a	-----Institut lazyka i literatury	880b
Abramovich, A. V.	4093b	Akademiya meditsinskikh nauk SSSR	20b	-----Institut istorii	880b
Abramovich, G. N.	3225c	-----Institut eksperimental'noi meditsiny	20b	-----Institut fiziologii	451b
Abramovich, F. G.	20b	-----Institut eksperimental'noi patologii i terapii	20b	-----Institut geografii	22c, 151b
Abramovich, S. F.	2540b	-----Institut eksperimental'noi patologii i terapii	20b	-----Institut etnografii	1735a
Abramovich, Zh. R.	2537b	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Institut filosofii	879c
Abroskin, P. I.	3501c	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii	6c, 134a
Abzalimov, A. S.	2010c	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Institut mirovoi literatury	10b, 10c
Abzaliev, R. M.	1748a	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Institut narodov Azii	136a, 437c
Abzov, V. I.	1740b	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Institut ussogo lazyka	10c
Acherkan, N. S.	27a	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Institut slavianovedeniya	1c
Adabashev, I. I.	2007c	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Institut teoreticheskoi astronomii	1353b
Adamov, A. G.	444c	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Kol'skii filial	3756a
Adamov, A. K.	2014a	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Komissiya po izucheniю chetvertichnogo perioda	450b
Adamova, N. A.	1300c	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Komissiya po opredeleniyu absolutnogo vozrasta geologicheskikh formatsii	889c, 2528b
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Adibek-Melikian, E. A.	3491b	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Otdelenie nauk o Zemle	2126a
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Adojan, Aleksander	905a	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Sibirskoe otdelenie	1c, 17b
Adomoni, Juozas	1340a	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Sibirskoe otdelenie, Dal'nevostochnyi filial	3752c, 3753c
Adomoni, T.	889a	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Sibirskoe otdelenie Institut analiza	451b
Advadze, V. S.	2120c	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Sibirskoe otdelenie Institut geologii i geofiziki	4094b
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Adzemian, S. N.	444c	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Sibirskoe otdelenie Institut tsitologii i genetiki	22c
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Adzhi-Mollayev, A. A.	20b	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Vysokogor'nyi geofizicheskii institut	2529b
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Afanasyev, A. S.	455c	-----Institut poliomielita i virusnykh entsfalitov	2532b	-----Kafedra filosofii	879c
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Mezhdunarodnyi simpozium po biokhimii i funktsii nervnoi sistemy, Leningrad, 1965 3499b
Mezhdunarodnyi simpozium po problemam "TSentral'nye i perifericheskie mekhanizmy dvigatel'noi deiatel'nosti zhivotnykh," -----3d, Dilizhan, 1964 2128b
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Mezhvedomstvennoe soveshchaniie po geografii naseleniia -----1st, Moscow, 1962 884b
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Nauchnaia konferentsiia molodykh uchenykh goroda Kazani -----2d, 1964 4093a
Nauchnaia konferentsiia molodykh uchenykh medikov Uzbekistana -----2d 1356c
Nauchnaia konferentsiia po fiziko-khimicheskoi mekhanike polistyl'kh i voloknistykh dispersnykh struktur i materialov, Riga 1965 3754b
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Nauchnaia sessiia po voprosam gigieny truda i proftopatologii v khimicheskoi i gornorudnoi promyshlennosti, Kirovakan, 1964 2014c
Nauchno-ekonomicheskaiia konferentsiia, posviashchennaya aktual'nym voprosam intensifikatsii sel'skogo khoziaistva kolkhozov i sovkhovov Latvii, L'kovskoi i Estonskoi SSR, Riga, 1965 1748c
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Nauchno-tekhnicheskaiia konferentsiia po ladernoi radioelektronike -----6th, Moscow, 1964 911b
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Selected Bibliographies and Reference Works

The USSR and Eastern Europe. Periodicals in Western Languages. Compiled by Paul L. Horecky and Robert G. Carlton. 1961. v, 67 p. Price \$0.45. For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

L. C. Card, 61-60049

Selective, annotated list of over 650 periodicals in West European languages which are published in, or deal with, the Soviet Union and/or Eastern Europe. Subscription information and, when available, L. C. call numbers are given. Includes an alphabetic index of titles and issuing organizations and a subject guide.

Scientific and Technical Serial Publications of the Soviet Union, 1945-1960. Prepared by Nikolay T. Zilkeev. 1963. iv, 347 p. Price \$1.75. For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

L. C. Card, 63-61782

Contains 5091 entries, with L. C. call numbers where available. Serials only partly devoted to science or technology are included, as well as Soviet journals published in English translations. Features a keyword index to institutes and a guide to subject content.

Soviet Russian Scientific and Technical Terms. A Selective List. Prepared by the Lexicographic and Terminology Section, Aerospace Information Division, Library of Congress. 1963. vi, 668 p. Price \$3.50. For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

L. C. Card, 60-60077

Contains over 26,000 entries which, generally speaking, cannot be found in standard dictionaries, or which have a special meaning when used in a particular field of science and technology. A number of frequently used abbreviations have also been included.

Soviet Science and Technology. A Bibliography on the State of the Art, 1955-1961. Prepared in the Science and Technology Division, Library of Congress. 1962. 209 p. Price \$1.00. For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

L. C. Card, 62-60058

Contains over 2000 annotated entries for periodical and monographic materials from Soviet-bloc and Western sources. These include reports on study trips, surveys, and bibliographies. Library of Congress call numbers and other identifying numbers have been included when known.

Bulgaria. A Bibliographic Guide. By Marin V. Pundeff. 1965. ix, 98 p. Price \$0.55. For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

L. C. Card, 65-60006

Provides guidance to materials in English and in other languages. Part I is a bibliographic survey which discusses sources, while Part II is an alphabetical list of the publications mentioned in Part I. The 1243 entries in Part II include Library of Congress call numbers where applicable, as well as National Union Catalog symbols indicating holdings by other libraries.

Hungarian Abbreviations. A Selective List. Compiled by Elemer Bako. 1961. iv, 146 p. Price \$0.45. For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

L. C. Card, 61-60004

Covers mainly names of government agencies, public institutions, societies, industrial and trade enterprises, and other organizations. General abbreviations frequently used are also included.

Yugoslav Abbreviations. A Selective List. Compiled by Mija P. Plamenatz. Second enlarged edition. 1962. iv, 193 p. Price \$1.00. For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

L. C. Card, 62-60076

Lists abbreviations, with their expansions and English translations, for Serbo-Croatian, Slovenian, and Montenian terms used in Yugoslavia since World War I, particularly names of government agencies, societies, and industrial and trade establishments.

Eighteenth Century Russian Publications in the Library of Congress. A Catalog. Prepared by Tatiana F. ... 1961. xvi, 157 p. Price \$1.00. For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

L. C. Card, 61-60000

The arrangement is alphabetic by author and, if authorship is not established, by title. "Very rare" and "rare" books are marked by asterisks. Illustrations.

Latin America in Soviet Writings, 1945-1958. A Bibliography. Compiled by Leo A. Okinshevich and ... Gorokhoff. Edited by Nathan A. Haverstock. (Book 15 print) xii, 257 p. illus. \$2.00. For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

L. C. Card, 59-60435

Contents: Preface by Howard F. Olney. Foreword by Sergius Yakobson. General reference works. Anthropology. Art and architecture. Economics. Education. Geography and geology. Government and politics. History. International relations. Labor. Law. Literature. Music. Philosophy. Science and medicine. Social conditions. Travel. Sports and games. Theatre arts. Flora and fauna. Reviews. Subject index. Author index.

Russian, Ukrainian and Belorussian Newspapers, 1917-1953. A Union List. Compiled by Paul L. Horecky. 1953. xi, 218 p. Price \$1.45. For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20540.

L. C. Card, 51-60001

Lists 859 Russian, Ukrainian and Belorussian newspapers issued since January 1, 1917, within the territories of the present U. S. S. R. and which were in the possession of libraries in the United States as of May 1953. Holdings of each library are listed separately by year, the degree of completeness being indicated after each year by symbols.

Newspapers of the Soviet Union in the Library of Congress (Slavic, 1951-1960; Non-Slavic, 1917-1960). Prepared by Paul L. Horecky with the assistance of John P. ... and Robert G. Carlton. 1962. iv, 73 p. Price \$0.60. For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

L. C. Card, 62-60007

This record of newspapers, available in print and on microfilm, offers for each title bibliographic information and itemized holdings. This list is in part a continuation of *Russian, Ukrainian and Belorussian Newspapers, 1917-1953*, which in addition to the Library's holdings also includes those of other major U. S. repositories.

Newspapers of East Central and Southeastern Europe in the Library of Congress. Edited by Robert G. Carlton. 1965. 212 p. Price \$1.00. For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

L. C. Card, 65-60008

Coverage embraces 787 newspapers issued during the period from 1918 to date within the present territorial boundaries of Albania, Bulgaria, Czechoslovakia, Hungary, Poland, Rumania, and Yugoslavia; and newspapers issued in Estonia, Latvia, and Lithuania from 1917 to mid-1945. Itemized holdings are listed and bibliographic information is provided.

Monthly Index *of* Russian Accessions



Volume 21, No. 3

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THE LIBRARY OF CONGRESS
WASHINGTON : 1968

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1954 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1954. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 21 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. A guide to the classes used and an alphabetical index to the names of these classes precedes Part C.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Parts C and D, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves () around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

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1. GENERAL

ESIN, B. I. [A brief study of the development of journalism in Russia during the 18th and 19th centuries, a methodological textbook for a special course for the fourth-year correspondence students of the faculties of journalism of state universities] *Kratkii ocherk razvitiia gazetnogo dela v Rossii XVII - XIX vekov, uchebno-metodicheskoe posobie po spetsialnoi sudia studentov-zaochnikov IV kursa fakul'tetov zhurnalistiki gosudarstvennykh universitetov* [Moskva] Izd. Mosk. un-ta, 1967. 64 p.

[HISTORY OF THE ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. IN TWO BOOKS] *Istoriia Akademii nauk Ukrain's'koi RSR u dvokh knyzhkakh* Red. koleghia: A. K. Babko ta inshi. Kyiv, Holovna red. Ukr. rad. entsiklopedii AN URSR, 1967. 2 v.

[LITERATURE ON OREL PROVINCE, 1965] *Literatura ob Orel'skoi oblasti, 1965 god* Orel, 1967. 177 p.

NEMIROVSKII, N. [Information retrieval system on superpositional punched cards of the Patent Office] *Informatsionno-potiskovaya sistema na superpozitsionnykh perforatsiakh v biuro patentov*. Riga, 1966. 21 p.

SUTOISKII, S. [First sparks of the flame of the century] *Pervye iskry plameni veka* [Moskva] "Pravda," 1967. 60 p.

2. BIBLIOGRAPHY

[BOOKS OF SOVIET ESTONIA, 1965] *Kniga Sovetskoi Estonii, 1965*. Tallinn, "Eesti Raamat," 1966. 138 p.

IOFFE, A. M. [History of the book; a methodological textbook for the correspondence students of the institutes of culture] *Istoriia knigi, uchebno-metodicheskoe posobie dlia studentov-zaochnikov institutov kul'tury* Moskva, 1967. 71 p.

[SCIENTIFIC LIBRARIES OF SIBERIA AND THE FAR EAST; work experience] *Nauchnye biblioteki Sibiri i Dal'nego Vostoka; opyt raboty*. Novosibirsk, 1967. 160 p.

TSENTRAL'NAIA NAUCHNAIA SEL'SKOKHOZIAISTVENNAIA BIBLIOTEKA, Moscow. [A collection of principal regulations and instructions] *Sbornik osnovnykh polezhenii i instruktsii*. Moskva, 1966. 320 p.

3. PHILOSOPHY & RELIGION

[ATHEISTIC WORK AMONG RELIGIOUS PEOPLE] *Atelisticheskaya rabota s verushchimi*. Barnaul, Altai'skoe kn. izd., 1966. 50 p.

KUSAKOV, N. ["Quo vadis, domine?" The Second Vatican Council and Russian Orthodox thought] *"Quo vadis, domine?" 2-oj Vatikanskii Sobor i Russkaya Pravoslavnaya Mysl'*. New York, 1966. 231 p.

[PHILOSOPHICAL DICTIONARY] *Filosofskii slovar'*. Pod red. M. M. Rozentalia i P. F. Iudina. Izd. 2-o. Moskva, Politizdat, 1966. 431 p.

4. HISTORY

ARUTUNIAN, N. V. [Recently discovered Vannic inscriptions from Karmir-blur] *Novye urarskie nadpisi Karmir-blura*. Predisl. B. B. Piotrovskogo. Erevan, Izd. Akad. nauk Armianskoi SSR, 1966. 102 p. illus.

[BIOGRAPHY OF MY REGION] *Biografiia kraia moego*. Iaroslavl', Verkhne-Volzhske kn. izd., 1967. 568 p.

BOBEIKO, I., and I. A. KOPANSKII. [22 years of heroic struggle history of the revolutionary and liberation movement in Bessarabia in 1918-1919] *Dvadsat' dia goda gerolcheskoi bor'by, iz istorii revoliutsionno-osvoboditel'nogo dvizheniia v Bessarabii v 1918-1940 gg.* Kishinev, Partizdat Moldavii, 1966. 12 p. (V pomoshch' agitatoru i propagandistu).

BUDAEV, D. I. [The reform of peasant land tenure in the Smolensk Government in 1861, the problem of carrying out the "Regulations of February 19"] *Krest'ianskai reforma 1861 goda v Smolenskoi gubernii, k voprosu o realizatsii "Polozhenii 19 fevralia"* Smolensk, 1967. 292 p.

CHUKHNOV, NIKOLAI. [The years of confusion, outlines of our struggles in 1941-1965] *V smutnyie gody, ocherki nashel bor'by v gody 1941-1965*. New York, Vseslavianskoe izd-vo, 1967. 304 p.

DOROSHENKO, DMYTRO. [Outline history of the Ukraine] *Narys istorii Ukrainy*. Munich, "Dniprova khvyliia [1966] 2 v. in 1.

DUBINA, I. D. [The guerrilla movement in Eastern Siberia, 1918-1920] *Partizanskoe dvizhenie v Vostochnoi Sibiri, 1918-1920*. [Irkutsk] Vostochno-Sibirskoe kn. izd., 1967. 147 p.

DUBINSKII-MUKHADZE, I. *Ordzhonikidze* [Izd. 2-o, ispi.] Moskva, "Mol. gvardiia," 1967. 334 p. (Zhizn' zamchatel'nykh liudei. Seriia biografii. Vyp. 11(361)).

ELISEEV, F. I. [In Indochina against the Japanese, and as their prisoner in 1945. In the Foreign Legion of the French Army] *V Indokhitae - protiv Iapontsev i v plenu u nikh, 1945. V Inostrannom Legione Frantsuzskoi armii*. New York, 1966. 118 p.

[FOR OUR COUNTRY, FREEDOM, AND HONOR] *Sketches on the heroes of the Soviet Union born in Gorky Province] Za otchiznu, svobodu i chesli' Ocherki o Geroikh Sovetskogo Soiuza-gorkovchankh*. Gorkii, Volgo-Viatskoe kn. izd. Kn. 3. 1967. 423 p.

[FROM THE HISTORY OF CLASS STRUGGLE IN PREREVOLUTIONARY AND SOVIET RUSSIA] *Iz istorii klassovoi bor'by v dorevoliutsionnoi i Sovetskoi Rossii*. Volgograd, 1967. 168 p.

[HISTORY OF THE BYZANTINE EMPIRE IN THREE VOLUMES] *Istoriia Vizantii v trikh tomakh*. Red. koll.: S. D. Skazkin i dr. Moskva, "Nauka," T. 3. 1967. 508 p.

KHAZIAKHMETOV, E. SH. [The Bolsheviks deported to the Naryn region] *Bol'sheviki v narynskoii sylke*. Novosibirsk, Zapadno-Sibirskoe kn. izd., 1967. 184 p.

KYLYMNYK STEPAN. [King Danylof Korol' Danylo. Buenos Aires. "Peremoha," 1955. 64 p. (Zamlelu ukrains'kolu).

MAKOVSKII, D. P. [The first peasant war in Russia] *Pervaya krest'ianskaya volna v Rossii*. Smolensk, 1967. 524 p.

POLEVOI, B. N. [A big offensive; diaries of a war correspondent] *V bol'shom nastuplenii; dnevniki voennogo korrespondenta*. Moskva, "Sov. Rossiia," 1967. 351 p.

[REVOLUTIONARY MOVEMENT IN THE VLADIMIR REGION; an index of literature] *O revoliutsionnom dvizhenii vo Vladimirskom kraie; ukazatel' literatury*. Vladimir, Vyp. 2. 1966. 33 p.

SEREBRENNIKOVA, A. N. [The great legend; Czar Alexander I and the venerable monk Fedor Kuzmich] *Velikaia legenda; Imperator Aleksandr I i starets Fedor Kuzmich*. San Francisco, 1967. 48 p.

[THE UKRAINIAN S.S.R. DURING THE CIVIL WAR OF 1917-1920 IN THREE VOLUMES] *Ukrains'ka RSR v period bromadlans'koi viny, 1917-1920 rr. v tri okh tomakh*. Kyiv, Politizdat Ukrainy.

T. 1. [Victory of the Great October Socialist Revolution in Russia. Establishment and consolidation of Soviet rule in the Ukraine. Patriotic war of the Ukrainian people against the Austrian and German occupation forces; March 1917-November 1918] *Peremoha Velykoi Zhovtnevoi sotsialistychnoi revoliutsii v Rossii. Vstanovlennia i zmitsnennia Radians'koi vlady na Ukraini. Vitchyzniana voina ukrains'koho narodu proty avstro-nimets'kykh okupantiv, berezen' 1917 r. - lystopad 1918 r.* 1967. 470 p.

[UNFORGETTABLE EVENTS, reminiscences on the Great Patriotic War] *Nozabyvaemoe; vospominania o Velikoi Otechestvennoi voine*. Petrozavodsk, Karelskoe kn. izd., 1967. 354 p.

[VICTORY OF THE OCTOBER SOCIALIST REVOLUTION IN THE URAL MOUNTAIN REGION] *Pobeda Oktabr'skoi sotsialisticheskoi revoliutsii na Urale*. Sverdlovsk, Sredne-Ual'skoe kn. izd., 1967. 555 p.

[YEARS OF STRUGGLE AND VICTORIES] *Gody bor'by i pobed*. [Simferopol'] "Krym," 1967. 557 p.

5. SOCIAL SCIENCES

ALEEY, N. G. [Let's count!] *Davai'te schitat'* Tashkent, "Uzbekistan," 1966. 100 p.

BATRACHOV, O. T., and V. M. SIDENKO. [Economics of road construction] *Ekonomika dorozh'nogo budivnytstva*. Kyiv, "Budivniel'nyk," 1967. 283 p.

BLESIIENKOV, A. M. [Analysis of the managerial operations of collective and state farms] *Analiz khoziaistvennoi delatel'nosti sovkhozov i kolkhazov*. Moskva, "Finansy," 1966. 295 p.

BUDOVOI, G. T., E. A. CHERTOK, and K. V. SHELLIUTO. [A year of work under new conditions, work practice of food industry enterprises] *God raboty po novomu, opyt raboty predpriatii pishchevnoi promyshlennosti*. Moskva, "Ekonomika," 1967. 77 p. (Priedpriatie v novykh usloviakh).

DETKOVA, M. P. [Issuing credit to service industry enterprises] *Kreditovanie predpriatii bytovogo obsluzhivaniia*. Moskva, "Legkaia Industriia," 1967. 99 p.

[ECONOMIC REFORM AND PARTY WORK] *Khoziaistvennaia reforma i partiinaya rabota*. Iaroslavl', Verkhne-Volzhske kn. izd., 1967. 126 p.

[ECONOMY] *abstract Great Cstvo 50-letii*

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- LUNACHARSKII, A. V. [Pictorial art] Ob izobrazitel'nom iskusstve. Moskva, "Sov khudozhnik," T. 2 [1967] 392 p.
- MOOR, D. S. ["I am a Bolshevik"] "IA - bol'shevik", sbornik statei. Sostavlenie i monograficheski ocheisk Urfia Khalamunskogo. Moskva, "Sov khudozhnik," [1967] 252 p.
- [THE V I LENIN CENTRAL MUSEUM] Tsentral'nyi muzei V I Lenina. Moskva, "Sov khudozhnik," [1967] 9 p. 51 illus.
- ## II. LANGUAGE, LITERATURE & FOLKLORE
- ABASHILI, A. V. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 46 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- ADASHIDZE, G. G. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 40 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- ABASHIDZE, I. V. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 41 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- ABDULLAEV, F. A. [Phonetics of Khorezmi dialects, experience in the monographic description of Oguz and Kipchak adverbs in the Uzbek language] Fonetika khorezmskikh govorov, opyt monograficheskogo opisanija oguzskogo i kipchakskogo naechil'no-uzbekskogo iazyka. Tashkent, "Fan," 1967 245 p.
- ABISHEV, ALZHAPPAR. [An unknown hero, a collection of plays] Belgiziz batyi, p'eshala zhinaghy. Almaty, "Zhazushy," 1967 187 p. [In Kazakh]
- ABKHAIDZE, SH. N. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 37 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- AITMATOV, CHINGIZ. [Farewell, Buttercup! A tale. Translated from the Kirghiz] Proshchali, Gul'saiy! Povest'. Moskva, "Molodaja gvardiia," 1967 205 p.
- ALEKSEEV, M. N. [Kaiukha; a tale] Kaiukha, povest'. Moskva, "Pravda," 1966 62 p. (Biblioteka "Ogonek" No. 1)
- ANDREEV, A. D. [Take care of the sun, a novel] Berogite solntse, roman. Moskva, "Khudozhnik," 1966 127 p. (Roman-gazeta, no. 1[589]).
- ASATIAN, V. M. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 29 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- AUBAKIROV, OSPANICIAN. [In short, humorous stories] Uzyn sording qysqasy, syqag angimeleri. Almaty, "Zhazushy," 1967 97 p. [In Kazakh]
- BEDNYI, DEM'IAN. [Snowflakes, verse] Snezinki; stikhi. Moskva, "Pravda," 1967. 29 p. (Biblioteka "Ogonek" No. 48)
- BECKMAN, VLADIMIR. [Town of sad stones, a historical tale] Kurbade kivide linn; ajalooline jutustus. Tallinn, "Eesti Raamat," 1966 363 p. [In Estonian]
- BERULAVA, KH. M. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 37 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- CHARKVIANI, D. A. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967. 25 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- CHELIDZE, O. S. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 33 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- CHERTOVA, N. V. [Sisters of Sukhaya Rechka, tales] Sukhorechenskie sestry, rasskazy. Moskva, "Pravda," 1967. 46 p. (Biblioteka "Ogonek" No. 47)
- CHICHINADZE, K. A. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 34 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- CHIKOVANI, S. I. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 41 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- CHILADZE, O. I. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 29 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- CHILADZE, T. I. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 43 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- [DAY OF POETRY, 1967] Den' poezii 1967. Moskva, "Sov pisatel'," 1967 254 p.
- [ENCOUNTERS ON THE ROAD, stories] Vstrechi na doroge, rasskazy. Moskva, "Krasnaya zvezda," 1967 31 p. (Bibliotekha "Krasnaya zvezda," No. 24(228)).
- ESENZHANOV, KHAMZA. [Many years later, a novel] Kop'zhyt o'ten song, roman. Almaty, "Zhazushy," 1967 350 p. [In Kazakh]
- EULI, S. K. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 34 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- FONAREVA, B. E. [Life of a commissar. Along heroic paths. Zhizn' komissara. Po geroideskim putiam] S. S. Nalbandian. Erevan, "Ataslan," 1966 127 p. [In Armenian]
- FURMANOV, D. A. Chapayev. Petrozavodsk, Karel'skoe kn. izd., 1967 291 p.
- GAPRINDASHVILI, V. I. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 44 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- GAVRILIN, V. [The captain goes in front; essays] Kapitan idet vpered; ocherki. Moskva, "Krasnaya zvezda," 1967. 32 p. (Bibliotekha "Krasnaya zvezda," no. 23(227)).
- GOMIASHVILI, A. K. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 37 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- GRISHASHVILI, I. G. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 47 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- [GULLS OVER THE SEA; stories] Chalki nad morem, rasskazy [Murmansk] Murmanskoe kn. izd., 1960 189 p.
- GURESHIDZE, N. V. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 25 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- HALAN, ANATOL'. [The marshal's defeat; a tale] Porazka marshala, opoviddannia. Vyd. Dobruusu v Argentini. Buenos Aires, "Peremoha," 1966 175 p.
- IAKUB, V., and P. LIND. [Russian-Norwegian phrase book] Russko-norvezhskii razgovornik. Moskva, "Progress," 1965. 315 p.
- IASHVILI, P. D. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967. 37 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- IMANALIEV, OSPANALI. [Little red flag, verse and a poem for children] Qyzyl zhalau; balalagha arnalgan olongder men poema. Almaty, "Zhazushy," 1967 26 p. [In Kazakh]
- KACIAKHIDZE, G. V. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 33 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- KAIRBEKOV, GAFU. [An aul of Bolsheviks, verse and a poem] Bol'shevik aul; dastan zhane olongder. Almaty, "Zhazushy," 1967. 161 p. [In Kazakh]
- KALADZE, K. R. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 42 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- KALANDADZE, A. P. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967. 39 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- KHALVASHI, F. I. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 42 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- KHERGIANI, M. B. [The first night's lodging. Pervaya nochoyka. Tbilisi, "Nakaduli," 1966. 196 p. [In Georgian]
- KHUSAIN, MAKIMUD. [I am yours, my steppe, verse] Men de dala perzentimn, olongder. Almaty, "Zhazushy," 1967 110 p. [In Kazakh]
- KIRSHON, V. M. [Literature and art, articles and speeches] O literature i iskusstvo, stat'i i vystupleniia. Moskva, "Khudozhnik," 1967 261 p.
- KOPELEV, L. Z. [Leonard Frank, a bibliographical index] Leonard Frank, bibliograficheskii ukazatel'. Moskva, "Kniga," 1967 66 p. (Pisatel' zarubezhnykh stran).
- KORKIA, R. K. [At home everywhere. Vезде - doma. Tbilisi, "Nakaduli," 1966 188 p. [In Georgian]
- KORNEV, R. B. [The formula for water; a comedy in three scenes] Formula vody, komediia v trekh kartinakh. Moskva, "Iskusstvo," 1968. 47 p. (Repertuar khudozhestvennoi samodeiatel'nosti No. 4)
- KRAMINOV, D. F. ["El tentente"] "El' ten'ento." Moskva, "Pravda," 1967 44 p. (Biblioteka "Ogonek" No. 48)
- KUCHISHVILI, G. A. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 37 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- KURLANDSKAIA, G. B. [Method and style of Turgenev as a novelist] Metod i stil' Turgeneva-romaniista. Tula, Priokskoe kn. izd., 1967 245 p.
- LEBANIDZE, M. S. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 33 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- LEMPER, N. M. [The Latin language] Latinskii iazyk. Moskva, "Meditaina," 1966. 251 p.
- LEONIDZE, G. N. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 45 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- [LIBRARY OF ADVENTURES IN FIVE VOLUMES, appendix to the periodical "Sel'skaya molodezh," Translated from foreign languages] Biblioteka priklucheni v plati tomakh, prilozhenie k zhurnalu "Sel'skaya molodezh," Moskva, "Molodaja gvardiia," T. 5. 1966. 381 p.
- L'VOV, M. D. [The obelisk, verse] Obelisk, stikhi. Moskva, "Pravda," 1967 31 p. (Biblioteka "Ogonek" No. 42)
- MACHIAVARIANI, M. I. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 37 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- MAMED-KULI-ZADE, DZHALIL. [The khan's beads, a tale and stories. Translated from the Azerbaijani] Cheiki khana; povest' i rasskazy. Moskva, "Khudozhnik," 1966 253 p. (Narodnaia biblioteka).
- MARGIANI, R. A. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 41 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- MARTEM'IANOV, I. S., and I. I. MUGDUSIEVA. [French language for adults] Frantsuzskii iazyk dlia vzroslykh. Moskva, "Nauka," 1967. 309 p.
- METODIEV, DIMITUR. [Solar gravity; verse. Translated from the Bulgarian] Solnechnoe pritiazhenie; stikhi. Moskva, "Pravda," 1967. 29 p. (Biblioteka "Ogonek" No. 39)
- MIKHAILOV, M. M. [The culture of Russian speech] Kul'tura russkoi rechi. Cheboksary, Chuvashskoe kn. izd., 1966. 214 p.
- MILETSKII, I. A. [Meetings with reporters] Reporterskie vstrechi. Moskva, "Mosk. rabochii," 1967. 200 p.
- MIRTSKHULAVA, A. A. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 50 p. (Bibliotekha gruzinskoi sovetskoi poezii)
- MOSASHVILI, I. O. [Verse. Translated from the Georgian] Stikhi. Tbilisi, "Lit-ra da khelovneba," 1967 37 p. (Bibliotekha gruzinskoi sovetskoi poezii)

- SYSOIKOV, M. P. [Clean keys, verse] Chistyie kluchki, sikhli Petrozavodsk, Karel'skoe kn. izd., 1966. 70 p.
- TABIDZE, G. V. [Verse Translated from the Georgian] Sukhi Tbilisi, "Lit-ra da khelovneba," 1967. 70 p. (Biblioteka gruzinskoj sovetsoj poezii)
- TABIDZE, T. I. U. [Verse Translated from the Georgian] Sukhi Tbilisi, "Lit-ra da khelovneba," 1967. 41 p. (Biblioteka gruzinskoj sovetsoj poezii)
- TUDOR, STEPAN [The day of Father Solka, a tale] Den' otitsa Solki, povist' Kyiv, "Dnipro," 1966. 321 p. (Biblioteka ukrains'koj radlans'koj prozy)
- [WOMEN ON THE STAGE, a repertory collection] Na estrade zhenschny, repertuyny sbornik Moskva, "Iskusstvo," 1968. 104 p. (Repertuar khudozhestvennoj samodejatel'nosti, no 1).
- [THE YENISEI MERIDIAN] Enisejskij meridijan Krasnoarskoe kn. izd., 1967. 490 p.
- ZHAKOV, A. G. [Material for lectures and discussions on contemporary Soviet literature in secondary schools] Material k lekcijam i besedam po sovremennoj sovetsoj literaturne v srednej shcole. Minsk, "Narodnaia osveta," 1966. 81 p.
- ## 12. GEOGRAPHY & GEOLOGY
- BERZIN, N. A. [Zone of the main fault of the Eastern Sayan Mountains] Zona Glavnogo razloma Vostochnogo Sajana. Moskva, "Nauka," 1967. 140 p.
- BURDENNYI, P. A., and M. D. RUBIN [Vimmla Province, a brief geographical study] Vinnyts'a oblast', geografichnyi narys Vyd 2-o, porerob i dop. Kyiv, "Rad shkola," 1967. 164 p. (Oblasti ukraïns'koj RSR)
- [CURRENT STATE OF THE STUDY OF THE GEOLOGY OF THE U.S.S.R.] Geologicheskaja izuchennost' SSR Baku, Izd. Akad. nauk Azerbaidzhanskoi SSR T. 42 [The Azerbaijan S.S.R., 1946-1950] Azerbaidzhanskaja SSR, period 1946-1950. Vyp. 2 [Published literature] Opublikovannaja literatura. 1967. 194 p.
- GILJAREVSKI, P. V. [Gus'-Kurustal'nyy, a brief description and guidebook] Gus'-Khuustal'nyy; kratkij ocherk-putevoditel'. L'voslavl', Verkhno-Volzhske kn. izd., 1967. 61 p.
- JANSONS, J., and E. TEMERS [Ogre Riga, "Liesma," 1965. 23 p.
- [KAMCHATKA PROVINCE, articles and studies on its geography] Kamchatskaia oblast', stat'i i ocherki po geografii Pod red. M. D. Arsen'eva. Petropavlovsk-Kamchatskii, Dal'nevost. kn. izd., 1966. 107 p.
- KARPATO-BALKANSKAIA GEOLOGICHESKAIA ASSOCIATION S'ezd 7th, Kiev. [Materials of the 7th Congress of the Carpatho-Balkan Geological Association, reports of Soviet geologists] Materialy doklady sovetsskikh geologov. Kiev, "Naukovyi dumka," 1967. 365 p.
- KAZAKOV, A. N. [Methodological manual on the dynamic analysis of microstructural orientations of carbonates] Metodicheskoe rukovodstvo po dinamicheskomu analizu mikrostrukturnykh orientirovok karbonatov Leningrad, "Nauka," 1967. 108 p.
- KOZYRENKO, L. M. [Ukrainian "stars" and the Southern Cross, in Latin America] Ukrains'ki "zirky" i Pivdennyi Khrest, na Latyns'kii Amerytsi. Kyiv, Polytizdav Ukrainy, 1967. 170 p.
- KRUUSMAA, LUDVIG, and BORIS MAEMETS, comps. [Through the city] Tabi linna Tallinn, "Eesti Raamat," 1967. 1 v. (chiefly illus.) [In 5 languages]
- LENINGRAD [Leningrad] Lenizdat, 1967. 360 p. illus.
- LUKASHEV, K. I., and V. K. LUKASHEV. [Geochemical prospecting for elements in the supergene zone in two books] Geochemicheskie poski otdeinykh elementov v zone gipergenezu v dvukh knigakh. Minsk, "Nauka 1 Kn. 2 [Geochemical prospecting for separate elements] Geochemicheskie poski otdeinykh elementov. 1967. 296 p.
- [PROBLEMS OF ORIGIN POTENTIAL OF LASED... BAKALIA] Voprasy tselennostej... Vol. 1... kn. 1... Otv. red. F. I. Vol'man Moskva, ... 1967. 237 p.
- PROKIN, A. M., I. U. SOLOV'EV, and A. V. ... [Visiting native places, Serpukhovskaya ... Po rodnyim mestam, Serpukhovskaya ... Moskva, Moskv. tabornit', 1967. 100 p.
- [REMAINS OF ORGANISMS AND THE PROBLEM OF PROTEROZOIC FORMATIONS OF KARST ... organizmoy i problemakh proterozoicheskikh ... niy Karst. Petrozavodsk, Karel'skoe kn. izd., 1967. 113 p.
- [RESEARCH AND CALCULATIONS OF THE ... Fil'tratonnaye issledovanie i raschyty ... "Naukovyi dumka," 1967. 73 p. (Raspisaniye mezhvedomstvennykh sbornikov Gidromekhanika)
- [RESEARCH ON TURBULENT HOMOGENEITY OF STREAMS AND STRAINS CARRYING ... Issledovanie odnorodnykh i vzvushennykh turbulentnykh potokov. Kiev, "Naukovyi dumka," 1967. 122 p. (Respublikanskiy mezhveshtvennyy sbornik Gidromekhanika)
- SARKISIAN, O. A. [Paleogeography of the ... elhorum] Paleogen Sevano-Shirakskogo ... Erevan, "Mik," 1966. 126 p.
- [SOVIET RUSSIA] Rozvitiya Sovetskaya Moskva, ... Rosniti, 1967. 154 p.
- [THIS IS YOUR PATH, KARIMIA, history ... Two part, Karimlia, fotoetopiya]. Petrozavodsk, Karel'skoe kn. izd., 1967. 1 v. (chiefly illus.)
- [UNDERGROUND WATERS OF TAJKISTAN AND ... LEADS OF MELIORATION] Podzemnye vody i melioratsiya voprosy melioratsii Dushanbe, "Iskustvo," 1967. 277 p.
- VLADIMIR SUZDAL' Vladimir, Suzdal' M. ... "Soy khudozh." [1967] 1 v. (chiefly illus.)
- VOLYNIAK, PETRO [Physical geography of ... Ukraine] Fizichna geografiya Ukrainy Vyd 2-o Toronto, "Novi dni," 1966. 98 p. illus.
- ## 13. SCIENCE
- ABUSALIMOV, N. S. [Argand trees] Argandovyye daky, Azarnashi, 1960. 40 p. [In Azerbaijani]
- [ACHIEVEMENTS OF SCIENCE] Geodesy, fizika i matematika Geodesiya, 1965. Moskva, 1967. 104 p.
- BEL'SKAIA, E. M., and K. SR SHABAEV [Reference work, a textbook for the 4th grade of eight-year school] Pri otvopeniyeh uchebnik dlya 4 godika vospitatel' skoly Izd. 6-o, petro. Taish. "Uchebnik," 1966. 270 p.
- IUROV, V. A., and others [Chemical demonstration in physics for higher grades of secondary school] Demonstratsionnyy eksperimenty po fizike v staryshnikh klassakh smeshannyykh shkol dlya uchitel' Moskva, "Prosvetschenie," Ch. I. [Mechanics. Heat] Mekhanika, teplota Pod red. A. A. Pokrovskogo. 1967. 168 p.
- [COLLECTION OF MONOGRAPHIC STUDIES] Sb. nauchnykh cheskih sbornik Moskva, Vychislitel'nyye teorii AN SSSR, (Trudy vychislitel'noy tsentra) No. 2. 1964. 190 p.
- DAVIDOVSKII, I. V. [What aging means] Chto znachit starost', Moskva, "Znanie," 1967. 64 p. (Novaya zhizni, nauka, tekhnika, 8 seriia Biologiya 12)
- [DEVELOPMENT OF PHYSICS IN THE U.S.S.R. IN TWO BOOKS] Razvitiye fiziki v SSSR v dvukh knigakh Moskva, "Nauka," (Sovetskaya nauka i tekhnika ra 50 let) Kn. 2. 1967. 350 p.
- EINSTEIN, ALBERT [Collection of scientific works in four volumes] Sohranie nauchnykh trudov v chetyrekh tomakh Pod red. I. E. Tammana, IA A. S. dinskogo, B. G. Kuznetsova. Moskva, "Nauka," T. 4. [Articles, speeches, etc.] Statti, rechi, ... 1967. 100 p.

12. GEOGRAPHY & GEOLOGY

13. SCIENCE

- [HYDROBIOLOGICAL BALANCE OF THE DNIPIR RIVER AFTER ITS REGULATION] Gidrobiologicheskii rezhim Dnepra v usloviakh zaregulirovannogo stoka "Kiev, "Naukova dumka," 1967. 387 p
- MERZHEVSKAYA, O. I. [Caterpillars of owl moths (Noctuidae): their biology and morphology, a guide] Gusenitsy sovok (Noctuidae), ikh biologiya i morfologiya, opredelitel' Minsk, "Nauka i tekhnika," 1967 451 p
- [METHODOLOGICAL INSTRUCTIONS ON MEASURING THE LOSS OF WATER IN PLANT EVAPOTRANSPIRATION] Metodicheskie ukazaniya po kolichestvennomu uchetu ispareniy vody na ispanenie rastitel'nosti. Moskva, 1967 129 p.
- [MOLECULAR SPECTROSCOPY IN CHEMISTRY] Pimeneniye molekulyarnoy spektroskopii v khimii Moskva, "Nauka," 1966 270 p
- [NUMERICAL METHODS OF SOLVING APPLIED PROBLEMS] Chislennyye metody resheniya prikladnykh zadach Tashkent, "Fan," 1967 88 p.
- [OPTIC AND AUDITORY ANALYZERS; morphological, physiological and clinical aspects. Materials of a symposium] Zritel'nyy i slukhovy analizatory, morfoloicheskiye, fiziologicheskiye i klinicheskiye aspekty Materialy simpoziuma Moskva, 1967. 91 p
- PARFENOV, V. P. [Theoretical mechanics Statics; abstracts of lectures] Teoreticheskaya mekhanika: Statika; konspekt lektsii Leningrad, 1966. 139 p (Uchebnoye televideniye)
- PAST, V., and A. KOORITS. [Physicochemical calculations] Fizikaliskheemilised arvutused. Tartu, 1967 171 p. [In Estonian]
- [PROBLEMS OF NEUROMUSCULAR PHYSIOLOGY] Voprosy nervno-myshechnoy fiziologii [Kazan'] Izd. Kazanskogo un-ta, 1967 123 p.
- [PROBLEMS OF NUTRITIONAL HYGIENE, scientific notes] Voprosy gigieny pitaniya; uchenyye zapiski Moskva, 1967 139 p
- PUCHKOVA, E. G. [Species of the Chaetodon section and its position in the genus Astragalus] Vidy sektsii Chaetodon i ee pozitsiya v rode Astragalus. Tashkent, "Fan," 1967. 52 p.
- [REACTIVITY; materials of the conference of January 17-19, 1967] Reaktivnost'; materialy konferentsii 17-19 yanvaria 1967 goda Otv. red. S. M. Pavlenko V A Priroda Moskva, 1966 245 p
- RYZHIKOV, V. V., E. N. SAMTSOVA, and B. V. SHIROKORAD [Higher mathematics for students majoring in medicine and agriculture] Vysshaya matematika dlya meditsinskoy i sel'skokhozyaystvennoy spetsial'nosti Moskva, 1967. 147 p.
- SHABANOV-KUSHINARENKO, I. U. P., V. L. RVACHOV, and A. H. MURASHKO. [Mathematical models of vision] Matematicheskiye modeli zora. Kyiv, "Tekhnika," 1966. 94 p. (Seriya broshur z kibernetiky)
- SLONIM, A. D. [Instinct. Enigmas of congenital behavior of organisms] Instinkty. Zagadki vrozhdennogo povedeniya organizmov. Leningrad, "Nauka," 1967. 159 p.
- SYECHNIKOV, S. V. [Hamiltonian formalism in a normalized quantum electrodynamics] Gamiltonov formalizm v normirovannom kvantovom elektrodinamike. Kiev, 1967 14 p
- [UNIFORM STANDARDS FOR QUOTAS (HOURS) OF GEODETIC AND TOPOGRAPHIC WORKS] Edinye normy vyrabotki (vremeni) na geodezicheskiye i topograficheskiye raboty. Moskva, "Nedra" Ch. 1 [Field works] Polevoye raboty 1966. 192 p.
- ZHELOBENKO, D. P. [Classification of irreducible representations of a semisimple complex Lie group] Klassifikatsiya neprivodimyykh predstavleniy poluprostoi kompleksnoi gruppy Li. Kiev, 1967. 25 p.
- 14. MEDICINE**
- ABDULLAEV, M. M. [Problems of blood coagulation under normal conditions and in pathology] Voprosy sverivaniya krovi v norme i patologii Baku, "Azerneshr," 1967. 198 p
- BENEDIKTOV, I. I., and V. I. PLOTNIKOV [Philosophy and medicine] Filosofiya i meditsina Sverdlovsk, 1967 246 p
- EDIBERIDZE, A. I. [Surgical stomatology Khirurgicheskaya stomatologiya Tbilisi, "Ganatloba," 1966 347 p. [In Georgian] (DNLM)
- EPSHTEIN, I. M. [Urology] Urologiya. Izd. 2-o, ispr Moskva, "Meditsina," 1966 293 p (DNLM)
- EREMIN, V. U. [Treatment of chronic inflammatory diseases of the liver and biliary tract at the Truskavets Health Resort] Lecheniye bol'nykh s khronicheskimi vospalitel'nymi zabolevaniyami pecheni i zhelechnykh putei na kuorte Truskavets. 3-o, ispr. izd Kiev, "Zdorov'ia," 1966 42 p. (Kurorty). (DNLM)
- KARTAMYSHEV, A. I., and L. I. ZAKHAROVA [Dermatoses caused by diseases of the vascular wall] Dermatoly, obuslovlennyye zabolevaniem sosudistoi stonki Kiev, "Zdorov'ia," 1966. 113 p. (Biblioteka prakticheskogo vracha) (DNLM)
- KIKTENKO, V. S. [Summary of lectures on microbiology] Konspekt lektsii po mikrobiologii. Moskva. Ch. 2 [Special microbiology] Chastnaya mikrobiologiya 1967 316 p
- KORKHOV, V. V. [Surgical treatment of pseudarthrosis, intraosseous metal osteosynthesis] Khirurgicheskoe lecheniye lozhnykh sustavov, vnukostnyy metallicheskiy osteosintez. Leningrad "Meditsina," 1966 230 p. (DNLM)
- LEONOV, I. T. G. N. Kaminskii. Moskva, "Meditsina," 1967. 68 p. (Nauchno-populyarnaya meditsinskaya literatura. Vydavushchiesya delateli otechestvennoy meditsiny i zdavookupaniya)
- LIBERMAN, L. L. [Congenital disorders of sexual development; genetics, "pathogenesis," and clinical aspects] Vrozhdennyye narusheniya polovogo razvitiya, genetika, "patogenez," klinika [Leningrad] "Meditsina," 1966. 230 p. (DNLM)
- NATRADZE, A. G. [Essay on the development of the chemopharmaceutical industry in the U.S.S.R.] Ocherk razvitiya khimiko-farmatsevticheskoy promyshlennosti SSSR. Moskva, "Meditsina," 1967. 227 p.
- PETROVSKII, B. V., N. N. KANSHIN, and N. O. NIKO-LAEV. [Surgery on the diaphragm] Khirurgiya diafragmy. Leningrad "Meditsina," 1966 335 p (DNLM)
- POPOVIAN, I. M., and V. N. KOSHELEV [Polyps of the stomach] Polipy zheludka [Saratov] Izd. Saratovskogo un-ta, 1965. 116 p.
- POSTNIKOVA, V. M. [General methodology of using physical exercises in physiotherapy] Obshchaya metodika primeneniya fizicheskikh uprazhneniy v lechenii fizkul'ture. Moskva, "Meditsina," 1967. 161 p. (Biblioteka prakticheskogo vracha)
- [PROBLEMS OF CARDIOLOGY; fibrinolysis and fibrinolytic therapy, coronary insufficiency, rheumatism] Voprosy kardiologii; fibrinolizin i fibrinoliticheskaya terapiya, koronarnaya nedostatochnost', revmatizm Pod obshchey red. A. I. Gelfera. [Gorkii] Volg-Vinskoe kn izd., 1966. 334 p (DNLM)
- [PROBLEMS OF EXPERIMENTAL AND APPLIED EPIDEMIOLOGY] Voprosy eksperimental'noi i prikladnoi immunologii. Pod red. E. N. Shliakhova. Kishinev, "Kartia Moldoveniaska," 1967. 256 p. (DNLM)
- [PROBLEMS OF GENERAL AND SOCIAL HYGIENE] Voprosy obshchey i sotsial'noi gigieny. Pod red. I. U. P. Listayna i G. I. Sidorenko. Moskva, 1967. 183 p.
- SAKARELIDZE, S. V. [Learned medics of Georgia in the Great Patriotic War]. Uchenyye mediki Gruzii v Velikoi Otechestvennoi voine. Tbilisi, "Sabchota Sakartvelo," 1966. 405 p. [In Georgian]
- SKLIAROV, I. A. P. [Absorptive efficiency of the small intestine] Vsesyvatel'naya rabotosposobnost' tonkogo kishchnika. [Kiev] "Zdorov'ia," 1966. 197 p (DNLM)
- STUDENKIN, M. I. A. [Your youngster] Vash malyshe. Moskva, "Znanie," 1968 76 p. (Narodnyi universitet Fakul'tet zdorov'ia, no. 2)
- [SURGICAL TREATMENT OF TUBERCULOSIS] Khirurgicheskoe lecheniye tuberkuleza Kiev, "Zdorov'ia," 1966 159 p (DNLM)
- TISHIN, A. G. [Clinical aspects and surgical treatment of cerebral tuberculomas] Klinika i khirurgicheskoe lecheniye tuberkuleza golovnoy mozga [Leningrad] "Meditsina," 1966 149 p (DNLM)
- VASIL'EV, A. A. [Clinical aspects and surgical treatment of nonspecific ulcerous colitis] Klinika i khirurgicheskoe lecheniye nespecificeskogo razvennogo kolita Moskva, "Meditsina," 1967. 214 p (DNLM)
- 15. AGRICULTURE**
- [AGRICULTURAL CALENDAR] Sel'skiy kalendar' 1968 God izdatiya i izdatel' pervyy Moskva, "Kolos," [1967] 254 p (DNAL)
- ANTOSHEVICH, V. S. [Economic effectiveness of agricultural machines] Ekonomicheskaya effektivnost' sel'skokhozyaystvennykh mashin Moskva, "Ekonomika," 1967 181 p
- [COMPOUND STATIONARY STUDIES OF FORESTS OF MARITIME TERRITORY] Kompleksnyye statsionarnyye issledovaniya lesov Primor'ia. Leningrad, "Nauka," 1967 183 p
- MOVSUMOV, Z. R. [Dynamics and effectiveness of nitrogen in some soils of Azerbaijan] Azarbaijanyan ba'zi torpaglaynda azotun dinamikasi va effektivli. Baki, Azarbaijan SSR Elmler Akademiyasi nasbriyat, 1967 141 p. [In Azarbaijani]
- [NATURE PROTECTION AND LANDSCAPE] Looduskaitse ja maastik Tallinn, Eesti NSV Poliitajanduse Ministri kum Teaduslik-Tehnillise Infomatsiooni Buroo, 1966 105 p. [In Estonian]
- NOVIKOV, M. P. [Struggle of the Communist Party of Turkmen for the solution of the agrarian problem and the restoration of cotton growing, 1921-1924] Bor'ba Kompartii Turkmenska za razreshenie zemel'nogo voprosa i vosstanovlenie khlopkovodstva, 1921-1924 gg Tashkent, "Fan," 1966 141 p.
- PELEVIN, V. I., comp. [Wildlife protection] Otkhrana prirody Moskva, "Prosvetshenie" Vyp. 2. 1966. 251 p
- POLIAKOV, I. M. [Chemical method of protecting plants from diseases] Khimicheskiy metod zashchity rasteniy ot boleznay. Leningrad, "Kolos," 1966 117 p
- SHAITAN, I. M. [Formal ornamental fruit garden] Formovoye-dekorativnyy plodovyy sad Kyiv, "Naukova dumka," 1967 143 p. (Nauchno-populyarnaya literatura)
- SHUVALOV, E. K., and others. [Experience in the operation of continuous lines] Opyt ekspluatatsii potochnykh liniy Moskva, "Kolos," 1966. 116 p.
- SUSHKOV, K. L. Rozy. Alma
- VOORE, VILLEN Shkola i okhra 105 p
- vneshei pamiat Moskva, 1966. 47 p. (Narodnyi universitet programm dlya EVM. IV. Obshchematematicheskii razdel, no. 36).
- [AESTHETICS AND INDUSTRY] Estetika i proizvodstvo Moskva, "Znanie," 1968 78 p. (Nar. un-t Fak. literatury i iskusstva 1)

... [Means for prolonging the life of excavator crawler tread bearings and reducing the amount of work required for their lubrication] Put snizheniya zatrat na smazku i povysheniya dolgo-vechnosti podshybnikov gusenichnogo khoda ekavavatora Moskva, Stroizdat, 1967 22 p.

KOROLEV, A. I. [Reliability of railroad automation and telemechanization] Nadezhnost' zheleznodorozhnoi avtomatiki i telemekhaniki Moskva, "Transport," 1967 189 p.

KUDRIASHOV, N. N. [How to take and show motion pictures] Kak samomu sniat' i pokazat' kinofil'm Izd 4-e, ispr i dop Moskva, "Iskusstvo," 1966. 349 p. illus.

LAKTIONOV, I. E., and others. [Hydraulic GPIUM plan mover] Gid oporedvizhchik GPIUM Moskva, "Nedra," 1967 79 p.

LIAMIN, V. A. [Gasification of wood] Gazifikatsiia drevesiny Moskva, "Lesnaya prom-st'," 1967 261 p.

[METHODOLOGICAL GUIDE FOR THE DETERMINATION OF METHANE ABUNDANCE AND THE AMOUNT OF AIR NEEDED FOR LONGWALL VENTILATION ACCORDING TO THE NEW TECHNOLOGY OF COAL SEAM MINING] Metodicheskoe rukovodstvo po raschetu metanobolnosti i kolichestva vozdukhia dlia provetrivaniia lav pri novoi tekhnologii vyiemi ugol'nykh plastov Moskva, 1967 21 p.

MUKHIA, V. I., and others. [Chemical additives for accelerating the hardening of concrete in the winter-time] Khimicheskie dobavki-uskoriteli tvorleniya betona v zimnikh usloviakh Moskva, Stroizdat, 1967 31 p.

[MUNICIPAL ECONOMY AND THE CONSTRUCTION OF LENINGRAD DURING 50 YEARS] Gorodskoe khoz-i-stvo i stroitel'stvo Leningrada za 50 let [Leningrad] Lenzdat, 1967 296 p.

NAHULA, H. IE., V. S. KALISS'KYI, and O. I. MANZON [Handbook for a third-class driver] Fiduuchnyy shofera tret'ego klasu. Kyiv, "Tekhnika," 1967 441 p.

NEVZOROV, N. V. [Soft-leaf timber is a full-value raw material] Mlagkolistvennaya drvesina - polnoценное промышленное сырье Moskva, "Lesnaya prom-st'," 1967 103 p.

ORLOV, V. I. [Journeys in the world of technology, into the treasures of the isars' crown] Puteshestviia v mire tekhniki, sud'ba dragotsennostei (sazskoi korony Moskva, "Znanie," 1966 109 p.

[OUTLINE HISTORY OF THE KHARKOV "KRASNY OKTIABR" PLANT] Ocherki istorii Khar'kovskogo zavoda "Krasnyi Oktjabr," Khar'kov, "Prapor," 1966 241 p.

OVCHINNIKOV, V. A. [Recultivating a surface disrupted by mining without haulage, handbook for designing and operating open-pit mines] Vosstanovlenie povorkhnosti pri bestransportnykh sistemakh, posobie dlia proektirovaniia i ekspluatatsii kar'erov Tula, Priokskoe kn. izd., 1967 70 p.

POPOVSKII, V. G. [Principles of sublimated drying of food products] Osnovy sublimatsionnoi sushki pishchevnykh produktov Moskva, "Pishchevaya prom-st'," 1967 103 p. (Teoreticheskie znania - rabochim)

[PROBLEMS IN THE MANUFACTURE OF MACHINERY; exchange of scientific, technical, and production experience] Voprosy mashinostroyeniia, obmen nauchno-tekhnicheskimi i proizvodstvennym opytom. Riga, 1962 157 p.

ROMANCHENKO, V. N., G. N. ROMANCHENKO, and K. A. SALGUS [Lining materials and storehouse management; handbook] Krepozhnyye materialy i skladskoe khoziaistvo; spravochnik. Moskva, "Nedra," 1967 308 p.

RUSSIA (U. S. S. R.) Komitet standartov, mer i izmerenii [nykh priborov. [Zinc, methods of chemical analysis] TSink; metody khimicheskogo analiza Izd ofitsial'noe GOST 11884-66 - GOST 11889-60, Moskva, 1967 40 p.

RUSSIA (U. S. S. R.) Ministerstvo geologii [Catalog of hydrogeological instruments recommended for the use in organizations of the Ministry of Geology of the U. S. S. R.] Katalog gidrogeologicheskikh priborov, rekomenduemykh dlia ispol'zovaniia v organizatsiiakh Ministerstva geologii SSSR. Moskva, 1967 22 p.

RYGALOV, V. A. [General plans of chemical plants] General'nye plany khimicheskikh zavodskva, Stroizdat, 1967 155 p.

SEGAL', L. S. [Mechanization and automation of operations at the open-pit watchmen's post] "Latvskii khortekhnika" baze. Mekhanizatsiia i avtomatizatsiia skhul'skikh rabot na otkrytykh kopezhnykh reпублиkanskoi bazy "Latvskii khortekhnika" baze. 1966 21 p.

SHEVCHENKO, G. I. [Summary of lectures in the course "Industrial electronic devices"] Kраткое reshenie kursa "Promyshlennyye elektronicheskie ustroystva" Ch 1 [Design principles] Osnovy dizaina. Moskva, "Radio i Svyaz," 1967 97 p.

SHTOKMAN, I. G., and L. I. EPPEL' [On the durability of traction elements] Probnye ispytaniia vechnost' tugovykh organov Moskva, "Nedra," 1967 230 p.

SIMONOV, N. N. [Automation and mechanization of Moscow Cold Storage Warehouse No. 12] Avtomatizatsiia i mekhanizatsiia na moskovskom khoz-i-stve No 12 Moskva, "Pishchevaya prom-st'," 1967 99 p. (Obmen pechevym opytom)

SMOLOV, V. H. [Diode functional converters] Funktsional'nye prevrashchayushchie ustroystva na diodakh, 1967 136 p. (Dlia avtomaticheskoi avtomatiki, Vyp 2)

STRAKHOV, V. P. [Phase plane method in the design of digital servo systems] Metod fazovoi ploskosti dlia taitovykh sledyashchikh ustroystv Moskva, "Energiia," 1967 95 p. (Dlia avtomaticheskoi avtomatiki, Vyp 2)

[STRENGTH AND STABILITY OF ELEMENTS OF THIN WALLED STRUCTURES] Prochnost' i stabilnost' elementov tonkostennyykh konstruktov, obmen nauchno-tekhnicheskimi i proizvodstvennym opytom. Pod red. E. N. Tikhonilova. Moskva, "Mashinostroyeniye," 1967 408 p.

SUBBOTKIN, M. I., and I. N. KURILEVA [A resistant concrete and mortar from the slag of Kostolomayevskaya cement works] Beton iz zhuglyashchego stekla, Pod red. M. A. Mal'neva. Moskva, Stroizdat, 1967 134 p.

TAPINSKII, V. N., and others. [Repair of the "Kama" 408" automobile] Remont avtomobil'ov "Kama" 408. Pod red. A. F. Andriushina. Moskva, "Transport," 1966 317 p.

[TRANSPORTATION OF THE U. S. S. R. in the last 50 years and development prospects] Transport SSSR; kogn za pletdeniat let i perspektivy razvitiia Moskva, "Transport," 1967 323 p.

VIAL'TSEV, M. M. [Increasing the durability of concrete lining of vertical shafts and its economic efficiency; lecture notes delivered at higher economic courses for managerial personnel of the coal industry] Povysheniya dolgovechnosti betonnoi krepki vertikal'nykh shakhtov i ee ekonomicheskii effektivnost', lektorskiye zanchi, prachlennyye na vysshikh ekonomicheskikh kursakh rukovodstvennykh rabotnikov upravlenniya kopezhnykh Slabkiy, 1967 35 p.

VIDINEEV, I. D. [Automatic continuous production of liquids] Avtomaticheskoe neprevyashcheye dozirovaniye zhidkostei. Moskva, "Energiia," 1967 112 p. (Dlia avtomatiki, Vyp 266).

[WATERPROOFING AND ROOFING OPERATIONS] Gidroizolatsionnye i krovel'nye raboty Moskva, Stroizdat, 1967 28 p.

17. MILITARY & NAVAL SCIENCES

MELESHKIN, G. A. [Generator units with ship power withdrawal] Generatornyye ustroystva s otklyucheni- nymi na sudakh. Leningrad, "Sudostroyeniye," 1967 231 p.

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AKADEMIYA NAUK AZERBAIDZHANSKOI SSR, Baku, Izvestia. Seriya istorii, filosofii i prava [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin, Series in History, Philosophy, and Law]. Baku, no. 1, 1967.

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- MOSCOW, MOSKOVSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 303, 1966. Russian literature of the 20th century. Soviet literature.
Table of contents translated:
Sapogov, V. A. - "The snow mask" by Aleksandr Blok. p. 5.
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- AKADEMIYA NAUK MOLDAVSKOI SSR. Izvestiya [ACADEMY OF SCIENCES OF THE U. S. S. R. Izvestiya]. No. 15, 1967.
Table of contents translated
Luk'yanova, A. P. - Problems of the optimization of fuel and energy resources of the Komi A. S. S. R. p. 1.
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- AKADEMIYA NAUK TADZHIKSKOI SSR, Dushanbe, Otdel nauki i inzhenerstva. Izvestiya [ACADEMY OF SCIENCES OF THE TAJIK S. S. R. Department of Science. Bulletin]. Dushanbe, no. 4(50), 1967.
Table of contents translated
Shokurov, R. Sh. - Division of labor and the all-round development of industrial workers during the transition from socialism to communism. p. 3.
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- ERIVAN, UNIVERSITET. Uchenye zapiski [UNIVERSITY Studies]. Vol. 102, 1966. Series in the Historical and Philosophical Sciences.
Table of contents translated:
Oganesian, S. G. - Categories of the objective and subjective. p. 81.
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- Vol. 103, 1966. Series in Economics.
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Khatunov, V. E. - Mathematical model of the optimal profit and optimal profitability of an enterprise. p. 31.
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- PERM. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. No. 132, 1965. Problems of satire and humor. Studies of the Russian Literature Department.**
Table of contents translated
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Burdin, V. I. - The plot of I. I. Olesha's novel "Envy" as a means of satirical characterization of heroes. p. 19.
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- No. 143, 1966. Historical sciences: reports and papers on ancient and medieval history delivered at the Second Conference of the Institutions of Higher Education of the Ural Economic Region.**
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- No. 150, 1960.**
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- SARANSK. MORDOVSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski [MORDVIN STATE UNIVERSITY. Studies]. No. 53, 1966. Collection of papers on electrical and lighting engineering. Part I.**
Table of contents translated:
Kazantsev, F. S., Golov, I. F. - Operation of high-pressure mercury lamps in switching-in circuits with active ballast resistors. p. 3.
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- SOVETSKAIA ANTARKTICHESKAIA EKSPEDITSIIA, 1955-1958. Informatsionnyi buil'ten' [SOVIET ANTARCTIC EXPEDITION, 1955-1958. Information Bulletin]. Leningrad, no. 64, 1967.**
Table of contents translated:
Petrov, V. N. - Geomorphological observations in the Prince Charles Mountains. p. 5.
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Bibliography. p. 59.
- SVERDLOVSK. URAL'SKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski [URAL STATE UNIVERSITY. Studies]. No. 43 [cover no. 47], 1968. Seriya biologicheskaya [Biological Series], no. 3. Fauna of the Urals and methods of its reconstruction, collection of papers on zoology.**
Table of contents translated
Marvin, M. I. A., Marvin, A. M., Puzanskii, V. N. - Biological principles of marine rodent control in the Urals. p. 4.
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- TOMSK. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. No. 57, 1966. Voprosy lingvisticheskoi i sibirskoi dialektologii [Problems of Linguistics and Siberian Dialectology], no. 1.**
Table of contents translated:
Skolov, O. M. - The meaning relationships between members of the correlative pairs of the prefixational type. p. 3.
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- No. 62, 1966. Problems of method and style.**
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- ULYANOVSK. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies].** Vol. 20, no. 2, 1966. Biology and ecology of fish of Kuybyshev Reservoir.
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- TSyplakov, E. P. - Reproduction of beam stock in Kuybyshev Reservoir, p. 3
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- b. POPULAR MAGAZINES**
- BARVINOK [PERIWINKLE].** Issued by Tsentral'nyi komitet Leninskogo kommunistskogo solazu molodi Ukrainy and Respublikanskaya rada Vsesoluznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, no. 2, Feb. 1968.
- BEJARUS [WHITE RUSSIA].** Organ of Saluz pis'mennikau BSSR [Association of Writers of the White Russian S. S. R.]. Minsk, vol. 25, nos. 1-3 (270-272), Jan.-Mar. 1968.
- DIAROKKA [THE LITTLE BIRCH].** Issued by Tsentral'nyi komitet Leninskogo kommunistskogo solazu molodi Belarusi and Respublikanski Svet planerskai organizatsii imeni V. I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Pioneers]. Minsk, vol. 44, no. 2, Feb. 1968.
- KITAI [CHINA].** Published by Izdatel'stvo literatury na inostrannykh yazykakh [Publishing House for Literature in Foreign Languages]. Peking, nos. 1-2, 1968.
- KOSTER [CAMPFIRE].** Issued by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo solazu molodozhi [Central Committee of the All-Union Communist Youth League of Lenin and others]. Leningrad, nos. 2-3, Feb.-Mar. 1968.
- KROKODIL [CROCODILE].** Issued by gazeta [Newspaper] "Pravda," Moscow, vol. 46, no. 2 (1808), Jan. 1968, no. 4 (1870), Feb. 1968, nos. 6-8 (1872-1874), Feb.-Mar. 1968.
- KUL'TURA I ZHIZN' [CULTURE AND LIFE].** Issued by Soluz sovetskikh obshchestv druzhyi i kul'turnoi svyazi s zarubezhnyimi stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. 12, nos. 1-3, 1968.
- LYSTY DO PRIYATELIV. LETTERS TO FRIENDS.** Newark, N. J., vol. 15, nos. 7/9 (71/173), 1967.
- MURZILKA.** Issued by Tsentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo solazu molodozhi and Tsentral'nyi sovet Vsesoluznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 1-3, Jan.-Mar. 1968.
- NOVAIA KOREIA [NEW KOREA].** Published by Izdatel'stvo literatury na inostrannykh yazykakh [Foreign Language Publishing House]. Pyongyang, nos. 11-12 (236-237), 1967.
- OGONEK [THE LITTLE LIGHT].** Moscow, vol. 46, no. 9 (2122), Feb. 1968, nos. 11-17 (2124-2130), Mar.-Apr. 1968.
- PERITS [PEPPER].** Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina," Kiev, vol. 42, nos. 3-5 (781-783), Feb.-Mar. 1968.
- PIONERIA [PIONEERS].** Issued by Tsentral'nyi komitet Leninskogo kommunistskogo solazu molodi Ukrainy and Respublikanskaya rada Vsesoluznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, vol. 15, no. 12 (530), Dec. 1967, nos. 1-2 (531-532) Jan.-Feb. 1968.
- RABOCHE-KREST'YANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT].** Published by Izd-vo [Publishing House] "Pravda," Moscow, no. 12, Dec. 1967, nos. 1-3, Jan.-Mar. 1968.
- RANOK [MORNING].** Issued by TsK LKSM Ukrainy [Central Committee of the Lenin Communist Youth League of the Ukraine]. Kiev, no. 2 (178), Feb. 1968.
- RODINA [OUR COUNTRY].** Issued by Komitet za vozvrashcheniia na Rodinu i razvitiie kul'turnykh svyazi s sootchestvennikami [Committee for Repatriation and Development of Cultural Relations with our Country-men]. Berlin, vol. 9, no. 6, Nov.-Dec. 1967, vol. 10, no. 1, Jan.-Feb. 1968.
- RODNYE DALI [BELOVED VISTAS].** Hollywood, Calif., vol. 15, no. 169, Apr. 1968.
- ROVESNIK [CONTEMPORARY].** Issued by TsK VLKSM and Komitet molodezhnykh organizatsii SSSR [Central Committee of the All-Union Communist Youth League of Lenin and the Committee of Youth Organizations of the U. S. S. R.]. Moscow, vol. 6, no. 1 (67), no. 3 (69), Jan.-Mar. 1968.
- SEL'SKAIA MOLODEZH' [RURAL YOUTH].** Issued by TsK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin] Moscow, nos. 2-4, Feb.-Apr. 1968.
- SHMEL' [DUMBLEBEE].** Alma-Ata, vol. 12, no. 2 (145), Feb. 1968, vol. 13, no. 3 (146), Mar. 1968.
- SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE].** Organ of Ministerstvo kul'tury URSS (Ministry of Culture of the Ukrainian S. S. R.). Kiev, nos. 2-3, Feb.-Mar. 1968.
- SOVETSKII SOLUZ [SOVIET UNION].** Moscow, no. 4 (218), 1968.
- SOVREMENNAIA MONGOLIA [CONTEMPORARY MONGOLIA].** Ulan Bator, vol. 12, no. 12 (119), Dec. 1967, no. 3 (122), Mar. 1968.
- TURIST [TOURIST].** Issued by VTsSPS [All-Union Central Council of Trade Unions]. Moscow, vol. 3, no. 2, 1968.
- UKRAINA [THE UKRAINE].** Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, vol. 28, nos. 6-10 (578-582), no. 12 (584), Feb.-Mar. 1968.
- URAL'SKII SLEDOPYT [URAL PATHFINDER].** Issued by Sverdlovskoe otdeleniie Solazu pisatel'ei i Sverdlovskoe promyshlennii i sol'ski obkomy VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Industrial and Agricultural Committees of the All-Union Communist Youth League of Lenin]. Sverdlovsk, vol. 10, no. 11, Nov. 1967, vol. 11, nos. 1-3, 1968.
- VESELKA. THE RAINBOW.** Published by Ukrainian National Association, Jersey City, vol. 15, no. 3, Mar. 1968.
- V'ETNAM [VIETNAM].** Hanoi, Vietnam, nos. 1-2 (121-125), 1968.
- VOПРОSY I OTVETЫ [QUESTIONS AND ANSWERS].** Moscow, vol. 18, nos. 4 (197), 12 (205), Apr., Dec. 1, vol. 19, no. 1 (206), Jan. 1968.
- VOZHYK [HEDGEHOG].** Minsk, vol. 28, nos. 2 4 (672-674), Jan.-Feb. 1968.
- VYZVOL'NYI SHLIKH [LIBERATION PATH].** Leningrad, vol. 21, no. 3 (240), Mar. 1968.
- ZHIZN' GLUKHIKH [LIFE OF THE DEAF].** Issued by Vsesoiuzskoe obshchestvo glukhiikh [All-Russian Society of the Deaf]. Moscow, vol. 21, nos. 3-4, Mar.-Apr. 1968.

2. BIBLIOGRAPHY

* BIBLIOGRAPHY

NOVAIA SOVETSKAIA LITERATURA O NAUKI I NAUKO-ISSLEDOVATELSKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U. S. S. R.] Issued by Tsentrálna biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 11-12, 1967, nos. 1-2, 1968.

V MIRE KNIG [IN THE WORLD OF BOOKS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po pechatii [State Committee of the Council of Ministers of the U. S. S. R. for Printing]. Moscow, vol. 1, no. 2, 1967.

Table of contents translated

Malskii, L. - Reviving the past p. 2.

Verban, I. - "Browsing through books is my favorite pastime," p. 5

"Russian books on my bookshelf," p. 6

Latvian publications commemorating the 50th anniversary of Soviet rule, p. 8.

Lopusov, I. U. - John Reed, p. 8.

Glinkov, A. - I would like you to meet Tsiolkovski' p. 9.

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The mystery of Atlantis, p. 10.

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Moldavian publications commemorating the 50th anniversary of Soviet rule, p. 11.

Zafanchkovskii, I. - Nature is not a temple but a workshop p. 12.

Vysotskii, B. - Something everyone must know about p. 13

Primakovskii, A. - "To observe, to study, and to work..." p. 14.

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Dimin, O. - The golden autumn of life, p. 16.

Bazantin, I. U. - And cities spring up, p. 17.

Sergeev, N. - Envoys of Russia, p. 18

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Khizhiz publications commemorating the 50th anniversary of Soviet rule, p. 19

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Turkmen publications commemorating the 50th anniversary of Soviet rule, p. 23.

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Books by Chuvash authors, p. 24.

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Nemirovskii, E. - Doctor Skaryna's feat p. 44.

Estonian publications commemorating the 50th anniversary of Soviet rule, p. 46.

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Lazorin, F. - School for bookbinders p. 48

c PRINTING & THE BOOK TRADE

KNIGA, issledovaniia i materialy [THE BOOK, Studies and Papers] Issued by Vsesoiuznaya knizhnaya palata [All-Union Book Chamber], Moscow, vol. 15, 1957.

- Table of contents translated
- Zapadov, A. V. - Books and life, introducing the problem of V. I. Lenin's theory of the role of books p. 11
- Likhtenshtein, E. S. - Science and books, p. 23
- Piskunov, K. F. - Present-day children's books, p. 53
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- Sidorov, A. A. - Soviet history of books, p. 137
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- Arbuzov, M. F. - Some problems of the book trade, p. 212
- Ostrov, V. O. - The bibliography of bookselling; its history, present-day conditions, and problems, p. 225

POLIGRAFIYA [PRINTING], Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po pechati [State Committee of the Council of Ministers of the U. S. S. R. for Printing], Moscow, nos. 1-3, Jan.-Mar. 1968.

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS], Issued by Glavnoe upravlenie snabzheniia Ministerstva aviatsii SSSR [Main Administration for the Distribution of Printed Matter of the Ministry of Communications of the U. S. S. R.], Moscow, no. 1, 1968.

3. PHILOSOPHY & RELIGION

a PHILOSOPHY

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY], Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U. S. S. R.], Moscow, vol. 22, no. 1, 1968.

- Table of contents translated:
- Volkov, I. U. E. - Socialism and industrial democracy, p. 3
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- Boslov, K. P., Manev, A. K. - Development of philosophical ideas in White Russia during the Soviet regime, p. 25
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- Gushevich, A. Ia. - Discussion on precapitalist social formations: formation and structure, p. 118
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- Foreign literature on problems of logic, p. 175

b. RELIGION

LIUDYNA I SVIT [MAN AND THE WORLD] Issued by Tovarystvo "Znannja" Ukraini kol RSR ["Knowledge" Society of the Ukrainian S. S. R.], Kiev, vol. 8, no. 1 (108), Jan. 1968, nos. 3-4 (109-11), Mar.-Apr. 1968.

NAUKA I RELIGIYA [SCIENCE AND RELIGION], Issued by Vsesoiuznoe obshchestvo "Znanie" ["Knowledge" All-Union Society], Moscow, vol. 9, nos. 1-3, 1968.

SVITLO. THE LIGHT, Issued by OO, Vasyliany [The Basilian Fathers], Toronto, vol. 31, no. 3 (643), Mar. 1968.

UKRAINS'KE PRAYOSLAVNE SLOVO, UKRAINIAN ORTHODOX WORD, Organ of the Ukrainian Orthodox Church of the United States of America, South Bound Brook, N. J., vol. 19, nos. 4-5, Apr.-May 1968.

VECHNOE [THE ETERNAL], Paris, nos. 1-2 (241-242), Jan.-Feb. 1968.

4. HISTORY

a. GENERAL

AKADEMIYA NAUK SSSR, Institut istorii, Vestnik drevnei istorii [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of History, Review of Ancient History], Moscow, no. 3 (101), July-Sep. 1967.

- Table of contents translated:
- Shterman, E. M. - Antiquity in the present-day historical and philosophical theories of the West, p. 3
- Golubisova, E. S. - Forms of the dependence of the rural population in Asia Minor in the 3d-1st centuries B. C., p. 25
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INSTITUT ZUR ERFORSCHUNG DER UdSSR Soobshcheniia [INSTITUTE FOR THE STUDY OF THE U. S. S. R. Reports], Munich, no. 14 (200), 1967.

- Table of contents translated:
- Galat, N. Ia. - What 50 years of communist rule in the U. S. S. R. has shown us, p. 5
- Teknei, S. I. - The Soviet regime and the Arab East, p. 11
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KALENDAR' ZNAMIENATEL'NYKH I PAMIAT'NYKH DAT [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES] Issued by Izdatel'stvo "Sovetskaya Rossiya" and Gosudarstvennaya publikatsionnaya istoricheskaya biblioteka RSFSR ["Soviet Russia"] Publishing House and the State Public Historical Library of the R. S. F. S. R., Moscow, vol. 13, nos. 2-3, 1968.

MOSCOW, UNIVERSITET, Vestnik, Seriya 9: Istoriya [UNIVERSITY, Review, Series 9: History], Vol. 22, no. 6, Nov.-Dec. 1967.

- Table of contents translated:
- Obichkin, O. G. - Statutes of the Bolshevik Party in the period of preparations for the Great October Socialist Revolution, p. 3
- Chyniga, A. F. - The 15th Congress of the All-Union Communist Party on the collectivization of agriculture and the early phase of carrying out its decisions in the Ukraine, p. 10
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UKRAINS'KYI ISTORYCHNYI ZHURNAL [UKRAINIAN HISTORICAL JOURNAL], Issued by Institut istorii Akademii nauk URSR [Institute of History of the Academy of Sciences of the Ukrainian S. S. R.] and others, Kiev, vol. 11, no. 10 (70), Oct. 1967.

- Table of contents translated:
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5. SOCIAL SCIENCES

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BIULLETEN' INOSTRANNOI KOMMERCHESKOI INFORMATSII, prilozhenie [BULLETIN OF FOREIGN COMMERCIAL INFORMATION; Supplement]. Issued by Nauchno-issledovatel'skii kon'unktivnyi institut [Scientific Research Institute of Economic Trends]. Moscow, no. 14, 1967.

- Table of contents translated.
 Vasilina, I. U. L. - Structural changes in the trade of the U. S. S. R. with the socialist countries of Europe. p. 3.
 Sabel'nikov, L. V. - Basic changes in the economy and foreign trade of Austria. p. 15.
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BUKHGALTERSKIY UCHET [ACCOUNTING]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U. S. S. R.]. Moscow, vol. 26, no. 11, Nov. 1967.

- Table of contents translated:
 Editorial: Accounting in the service of the economy p. 3.
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KOOPERATOR KAZAKHSTANA [THE COOPERATIVE WORKER OF KAZAKHSTAN]. Issued by Soluz potrebitel'skikh obshchestv Kazakhskoi SSR [Association of Consumer Societies of the Kazakh S. S. R.]. Alma-Ata, vol. 10, no. 1, Jan. 1968.

VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstva vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U. S. S. R.]. Moscow, vol. 48, no. 1, 1968.

- Table of contents translated:
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b ECONOMICS

I. KONOMIKA I ZHIZN' [ECONOMICS AND LIFE]. Issued by Gosudarstvennaia planovai komissia and Sovet narodnogo khoziaistva Uzbekskoi SSR [State Planning Committee and the Economic Council of the Uzbek S. S. R.]. Tashkent, vol. 9, no. 10, 1967.

- Table of contents translated:
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- Table of contents translated:
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Table of contents translated:

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FILATELIA SSSR [PHILATELY OF THE U.S.S.R.] Organ of Ministerstvo svyazi SSSR and Vsesoyuznoye obshchestvo filatelistsov [Ministry of Communication of the U.S.S.R. and the All-Union Society of Philatelists], Moscow, vol. 2, no. 12(18), Dec. 1967, vol. 3, nos. 1-2(19-20), Jan.-Feb. 1968.

MATERIAL'NO-TEKHNIЧЕСКОЕ СНАБЖЕНИЕ [SUPPLY OF MATERIALS AND EQUIPMENT] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po material'no-tekhnicheskomu snabzheniyu [State Committee of the Council of Ministers of the U.S.S.R. for the Supply of Materials and Equipment], Moscow, vol. 2, no. 6, June 1967.

Table of contents translated:

- Glova, K., Mittel'man, B. - Some problems of distributing stocks of equipment and materials, p. 1.
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MIROVAYA EKONOMIKA I MEZHDUNARODNYE OTNOSHENIYA [WORLD ECONOMICS AND INTERNATIONAL RELATIONS] Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U.S.S.R.], Moscow, no. 1, 1968.

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MOSCOW, VSESIOIUNYI NAUCHNO ISSLEDOVATELSKII INSTITUT EKONOMIKI SEL'SKOGO KHOZIAISTVA. Doklady i soobshcheniya [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF AGRICULTURAL ECONOMICS Reports and Papers], No. 33, 1968.

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NARODNOE KHOZIAISTVO KAZAKHSTANA [THE NATIONAL ECONOMY OF KAZAKHSTAN] Issued by Gosplan Kazakhskoi SSR [State Planning Commission of the Kazakh S.S.R.] Alma-Ata, vol. 25, no. 11, Nov. 1967.

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PRIMENENIE MATEMATIKI V EKONOMIKE [USE OF MATHEMATICS IN ECONOMICS] Issued by Kafedra i Laboratoriia ekonomiko-matematicheskikh metodov Leningradskogo gosudarstvennogo universiteta [Department and Laboratory of Mathematical Economic Methods of the Leningrad State University] Leningrad, no. 4, 1967.

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PROBLEMY RAZVITIYA EKONOMIKI DAGESTANA [PROBLEMS OF THE DEVELOPMENT OF THE ECONOMICS OF DAGESTAN] Issued by Otdel ekonomiki Dagestanskogo filiala Akademii nauk SSSR [Economics Department of the Dagestani Branch of the Academy of Sciences of the U.S.S.R. Studies], Makhachkala, no. 5, 1967 [cover 1966].

Table of contents translated:
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RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly, ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education, Research Papers of Higher Schools, Economics] Moscow, vol. 10, no. 12, 1967.

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VESTNIK STATISTIKI [STATISTICAL REVIEW] Organ of Tsentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U.S.S.R.], Moscow, no. 1, 1968.

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PAZDNIYAI [THE WOMAN WORKER] Published by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of White Russia]. Moscow, vol. 44, nos. 2-3, Feb.-Mar. 1968.

PROFESSOR [SOVIET TRADE UNIONS] Published by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of White Russia]. Moscow, vol. 44, nos. 2-3, Feb.-Mar. 1968.

PROFESSOR [SOVIET TRADE UNIONS] Published by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of White Russia]. Moscow, vol. 44, nos. 2-3, Feb.-Mar. 1968.

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PROFESSOR [SOVIET TRADE UNIONS] Published by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of White Russia]. Moscow, vol. 44, nos. 2-3, Feb.-Mar. 1968.

PROFESSOR [SOVIET TRADE UNIONS] Published by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of White Russia]. Moscow, vol. 44, nos. 2-3, Feb.-Mar. 1968.

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PROFESSOR [SOVIET TRADE UNIONS] Published by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of White Russia]. Moscow, vol. 44, nos. 2-3, Feb.-Mar. 1968.

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PROFESSOR [SOVIET TRADE UNIONS] Published by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of White Russia]. Moscow, vol. 44, nos. 2-3, Feb.-Mar. 1968.

PROFESSOR [SOVIET TRADE UNIONS] Published by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of White Russia]. Moscow, vol. 44, nos. 2-3, Feb.-Mar. 1968.

PROFESSOR [SOVIET TRADE UNIONS] Published by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of White Russia]. Moscow, vol. 44, nos. 2-3, Feb.-Mar. 1968.

PROFESSOR [SOVIET TRADE UNIONS] Published by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of White Russia]. Moscow, vol. 44, nos. 2-3, Feb.-Mar. 1968.

PROFESSOR [SOVIET TRADE UNIONS] Published by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of White Russia]. Moscow, vol. 44, nos. 2-3, Feb.-Mar. 1968.

PROFESSOR [SOVIET TRADE UNIONS] Published by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of White Russia]. Moscow, vol. 44, nos. 2-3, Feb.-Mar. 1968.

PROFESSOR [SOVIET TRADE UNIONS] Published by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of White Russia]. Moscow, vol. 44, nos. 2-3, Feb.-Mar. 1968.

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KOMSOMOL'SKAYA ZHIZN' [LIFE OF COMMUNIST YOUTH]. Issued by Tsentral'nyi komitet Vsesoluzhnogo leninskogo kommunisticheskogo soluzha molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 4-7, Feb.-Apr. 1968.

NASHE ZHYTIA. OUR LIFE. Issued by Soluz ukrainok Ameriky [Ukrainian National Women's League of America, Inc.]. Philadelphia, vol. 26, nos. 2-3, Feb.-Mar. 1968.

SMENA [THE YOUNGER GENERATION]. Organ of Tsentral'nyi komitet Vsesoluzhnogo leninskogo kommunisticheskogo soluzha molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 45, nos. 4-7 (978-981), Feb.-Apr. 1968.

SOVETSKAYA ZHENSHCHINA [SOVIET WOMAN]. Organ of Komitet sovetkikh zhenshchin i Vsesoluznyi Tsentral'nyi Sovet Professional'nykh Soluzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions]. Moscow, nos. 3-4, 1968.

SOVETSKII KRASNYYI KREST [SOVIET RED CROSS]. Organ of Ispolnitel'nyi komitet Soluzha obshchestva Krasnogo kresta i Krasnogo polomeslatsa SSSR [Executive Committee of the Association of Societies of the Red Cross and Red Crescent of the U.S.S.R.]. Moscow, vol. 18, no. 1 (97), Jan.-Feb. 1968.

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KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kazakhstan. Moscow, vol. 42, nos. 1-2, Jan.-Feb. 1968.

KOMMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 42, no. 8, Aug. 1967.

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KOMMUNISTI TADJIKISTON [COMMUNIST OF TADJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan. Dushanbe, vol. 31, nos. 2-3, Feb.-Mar. 1968. [In Tajik]

MOLODOI KOMMUNIST [THE YOUNG COMMUNIST]. Issued by Tsentral'nyi Komitet Vsesoluzhnogo leninskogo kommunisticheskogo soluzha molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 11, 1967.

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PARTIYA TURMUSHI [PARTY LIFE]. Issued by T'Sentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, nos. 1-2, Jan. - Feb. 1968, [in Uzbek]

PARTIYNAYA ZHIZN' [PARTY LIFE]. Issued by T'Sentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soyuza [Central Committee of the Communist Party of the Soviet Union] Moscow, no. 2, Jan. 1968

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RUSSKOE DELO. RUSSIAN CAUSE. Issued by Priedstavitel'stvo rossiiskikh emigrantov v Amerike [Russian Immigrants' Representative Association in America]. New York, vol. 10, nos. 2-3(110-121), Feb. - Mar. 1968

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES]. Issued by the Newspaper "Izvestia." Moscow, nos. 2-4(128-130), Feb. - Apr. 1968.

VISNYK. THE HERALD Organ of Organizatsiia oborony chotykh svobod Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.]. New York, vol. 22, nos. 2, 4(227, 229), Feb., Apr. 1968

VOPROSY ISTORI KPSS [PROBLEMS IN THE HISTORY OF THE CPSU]. Organ of Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the CPSU]. Moscow, vol. 12, no. 2, Feb. 1968.

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- NACHAL'NAIA SHKOLA [PRIMARY SCHOOL].** Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 35, no. 12, Dec. 1967.
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- NARODNOE OBRAZOVANIE [PUBLIC EDUCATION].** Issued by Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 1, Jan. 1968.
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KINOMEKIANIK [MOTION-PICTURE OPERATOR]. Issued by Gosud i stvennyi komitet Soveta Ministrov SSSR po kinematografii [State Committee of the Council of Ministers of the U. S. S. R. for Motion Pictures], Moscow, no. 2, Feb. 1968.

SOVETSKII EKRAN [THE SOVIET SCREEN] Organ of Komitet po kinematografii pri Sovete Ministrov SSSR and Soluz kinematografistov SSSR [Committee for Motion Pictures, Attached to the Council of Ministers of the U. S. S. R., and the Union of Motion-Picture Workers of the U. S. S. R.] Moscow, nos. 4-8 (268-272), Feb.-Apr. 1968.

SOVETSKII FILM [SOVIET FILMS] Issued by Vsesoiuznaya obshchestvennaya [All-Union Association] "Sovetskospolfil'm" Moscow, nos. 1-2, Jan.-Feb. 1968.

TEKHNIKA KINO I TELEVIDENIYA [MOTION-PICTURE AND TELEVISION ENGINEERING]. Organ of Gosud i stvennyi komitet Soveta Ministrov SSSR po kinematografii [State Committee of the Council of Ministers of the U. S. S. R. for Motion Pictures] Moscow, no. 9, Sep. 1968.

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KLUB I KHUZOZHESTVENNAIA SAMODEIATEL'NOST' [THE CLUB AND AMATEUR ART ACTIVITIES]. Issued by Vsesoiuznyi Tsentral'nyi Sovet Professional'nykh Soluzov [All-Union Central Council of Trade Unions] Moscow, vol. 17, nos. 3-5 (249-251), Feb.-Mar. 1968.

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE]. Published by "Molodaya gvardiia" ["Young Guard"], Moscow, no. 1 (145), 1968.

NA DOPOMOHU KHUZOZHNI SAMODIAL'NOSTI, repertuarnyi zbirnyk [A GUIDE FOR ART AMATEURS, Repertorial Collection]. Kiev, no. 6 (72), Nov. 1967, no. 1 (73), Jan. 1968.

SOVETSKAIA ESTRADA I TSIRK [SOVIET STAGE AND CIRCUS]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.], Moscow, nos. 11-12 (122-123), Nov.-Dec. 1967, nos. 1, 3 (124, 126), Jan., Mar. 1968.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R. S. F. S. R.] and others. Moscow, vol. 11, no. 2 (228), Jan. 1968, nos. 4-7 (230-233), Feb.-Apr. 1968.

10. FINE ARTS

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ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.] and others. Moscow, vol. 30, no. 11, 1967.

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KHUZOZHNIK [ARTIST]. Issued by Soluz khudozhnikov RSFSR [Association of Artists of the R. S. F. S. R.], Moscow, vol. 10, no. 2, 1968.

MYSTETSTVO [ART]. Organ of Ministerstvo kul'tury URSS [Ministry of Culture of the Ukrainian S. S. R.] and others. Kiev, vol. 14, no. 6 (61), Nov.-Dec. 1967

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SOVETSKOE FOTO [SOVIET PHOTO] Issued by *Sotuz zhurnalistov SSSR* [Association of Journalists of the U.S.S.R.], Moscow, no. 2-3, Feb.-Mar. 1968.

TVORCHESTVO [CREATIVE WORK]. Issued by *Sotuz khudozhnikov SSSR* [Association of Artists of the U.S.S.R.], Moscow, vol. 12, nos. 1-3 (133-135), 1968.

b ARCHITECTURE

- ARKHITEKTURA SSSR [ARCHITECTURE OF THE U.S.S.R.]. Organ of Gosudarstvennyi komitet po grazhdanskomu stroitel'stvu i arkhiterture pri Gosstroie SSSR and *Sotuz arkhitektov SSSR* [State Committee for Public Construction and Architecture, Attached to the State Planning Committee of the U.S.S.R., and the Association of Architects of the U.S.S.R.], Moscow, vol. 35, no. 10, 1967.
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- RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. *Izvestiia vyssheikh uchelnykh zavedenii, stroitel'stvo i arkhitectura* [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Construction and Architecture], Moscow, vol. 10, no. 9, 1967.
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STROITEL'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE] Issued by Gosudarstvennyi komitet po delam stroitel'stva Ukrainoi SSSR and *Sotuz arkhitektov Ukrainy* [State Committee for Construction in the Ukrainian S.S.R. and the Association of Architects of the Ukraine], Kiev, vol. 15, no. 11, Nov. 1967.

- Table of contents translated:
 Katargin, L., Pilimuk, B. - Achievements in and prospects for the development of city construction in Kiev. p. 1.
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STROITEL'STVO I ARKHITEKTURA LENINGRADA [CONSTRUCTION AND ARCHITECTURE IN LENINGRAD]. Organ of Ispolnitel'nyi komitet Leningradskogo gorodskogo Soveta deputatov i trudashchikhsia [Executive Committee of the Leningrad City Soviet of Workers' Deputies] and others. Leningrad, vol. 20, no. 8, Aug. 1967.

- Table of contents translated:
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STROITEL'STVO I ARKHITEKTURA MOSKVV [CONSTRUCTION AND ARCHITECTURE IN MOSCOW] Issued by Ispolkom Moskovskogo gorodskogo Soveta deputatov i trudashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies] Moscow, vol. 16, no. 11, Nov. 1967.

- Table of contents translated:
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a LANGUAGE

- MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT INOSTRANNYKH IAZYKOV. *Kafedra perevoda. Uchenye zapiski* [MOSCOW STATE PEDAGOGICAL INSTITUTE OF FOREIGN LANGUAGES. Department of Translation. Studies] No. 4, 1967. Translators' notebooks.
 Table of contents translated:
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RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. *Nauchnye doklady vyssheikh shkoly; filologicheskoe nauci* [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools, Philological Sciences], Moscow, vol. 9, no. 4(38), 1966.

- Table of contents translated:
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ALA-TOO, literaturno-khudozhestvennyi i obshchestvenno-politicheski zhurnal [ALA-TAU, Literary and Sociopolitical Magazine]. Organ of Soluz pisatelei Kirgizii i Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirghizia and the Ministry of Culture of the Kirghiz S. S. R.]. Frunze, vol. 37, no. 2, Feb. 1968.

NEVA, Organ of Soluz plantetel RSFSR and Leningrad
skoe otdelenie Soluz plantetel [Association of
Writers of the R. S. F. S. R. and the Leningrad Branch
of the Association of Writers], Leningrad, nov. 3-4,
1948.

NISTRU [DNIESTER RIVER] Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol. 37, nos 1-3, 1968.

NOVYI MIR [THE NEW WORLD] Organ of Soluz pisatelei SSSR [Association of Writers of the U.S.S.R.] Moscow, vol. 43, no. 4, Apr. 1967

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POD'IM [UPSWING], Issued by Voronezhskoe otdelenie Soluza pisatelei RSFSR [Voronezh Branch of the Association of Writers of the R. S. F. S. R.], Voronezh, no. 1, Jan. -Feb. 1968.

POLIARNAIA ZVEZDA [THE NORTH STAR], Organ of Soluz sovetskikh pisatelei Iakuti [Association of Writers of Yakutia], Yakutsk, no. 1, Jan. -Feb. 1968.

POLYMA [FLAME], Organ of Soluz pis'mennikov BSSR [Association of Writers of the White Russian S. S. R.], Minsk, nos. 2, 4 (460, 468), Feb., Apr. 1968.

PRAPOR, Literaturno-khudozhnitskaia hromads'ko-politicheskii zhurnal [BANNER, Literary and Sociopolitical Magazine], Issued by Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine], Kharkov, nos. 2-3, 1968.

PROSTOR [WIDE-OPEN SPACES], Issued by Soluz pisatelei Kazakhstan [Association of Writers of Kazakhstan], Alma-Ata, nos. 1-4, Jan.-Apr. 1968.

PUNALIPPU [THE RED BANNER], Issued by Soluz pisatelei Kareli ASSR [Association of Writers of the Karelian A. S. S. R.], Petrozavodsk, vol. 24, nos. 5-6, Oct., Dec. 1967, vol. 25, no. 1, Feb. 1968. [In Finnish]

RADUGA [THE RAINBOW], Organ of Pravlenie Soluza pisatelei Ukrainy [Administration of the Association of Writers of the Ukraine] Kiev, vol. 18, nos. 3-4, Mar. -Apr. 1968.

SEVER [THE NORTH], Issued by Soluz pisatelei Kareli ASSR and Arkhangel'skoe i Vologodskoe otdelenie Soluza pisatelei RSFSR [Association of Writers of the Karelian A. S. S. R. and the Archangel and Vologda Branches of the Association of Writers of the R. S. F. S. R.], Petrozavodsk, vol. 29, no. 1, Jan. -Feb. 1968.

SHARQ IULDUZI [STAR OF THE EAST], Organ of the Association of Soviet Writers of Uzbekistan Tashkent, vol. 35, nos. 11-12, 1967, vol. 36, nos. 1-2, 1968

SIBIRSKIE OGNI [SIBERIAN LIGHTS], Organ of Soluz pisatelei RSFSR and Novosibirskoe otdelenie Soluza pisatelei [Association of Writers of the R. S. F. S. R. and the Novosibirsk Branch of the Association of Writers], Novosibirsk, vol. 46, no. 1, 1968.

SUCHASNIST', Literatura, mysl'estvo, suspi'no zhyt'ia [OUR TIME, Literature, Art, and Social Problems], Munich, nos. 3-4 (87-88), Mar. -Apr. 1968.

URAL, Issued by Sverdlovskoe otdelenie Soluza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R. S. F. S. R.], Sverdlovsk, vol. 11, nos. 1-3, Jan. -Mar. 1968

VITCHYZNA [OUR COUNTRY], Organ of Spilka pys'mennykh Ukrainy [Association of Writers of the Ukraine], Kiev, vol. 36, nos. 3-4, Mar. -Apr. 1968.

VOLGA, Organ of Pravlenie Soluza pisatelei RSFSR and Saratovskoe otdelenie Soluza pisatelei RSFSR [Administration of the Association of Writers of the R. S. F. S. R. and the Saratov Branch of the Association of Writers of the R. S. F. S. R.], Saratov, vol. 3, nos. 2-4, Feb. -Apr. 1968.

VOPROSY LITERATURY [PROBLEMS OF LITERATURE], Organ of Soluz pisatelei SSSR and Institut mirovoi literaturny Akademii nauk SSSR [Association of Writers of the U. S. S. R. and the Institute of World Literature of the Academy of Sciences of the U. S. S. R.], Moscow, vol. 10, no. 5, May 1968.

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Issued by Ministerstvo prosveshcheniya RSFSR [Ministry of Education of the R. S. F. S. R.], Moscow, no. 2, May-April, 1968.

MOSCOW. GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT. Trudy [STATE OCEANOGRAPHIC INSTITUTE. Transactions]. No. 90, 1967. Problems of the hydrology of the northern part of the Pacific Ocean.

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VOKRUG SVETA [AROUND THE WORLD]. Issued by Tsentrnyi komitet Vsesoyuznogo leninskogo kommunisticheskogo sotvora molodezhi [Central Committee of the All-Union Communist Youth League of Lenin], Moscow, no. 3, May, 1968.

c GEOLOGY & PALEONTOLOGY

AKADEMIA NAUK ARMIAANSKOEI SSR, Eriyan, Izvestia. Nauki o zemle [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Earth Sciences]. Eriyan, vol. 20, no. 4, 1967.

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AKADEMIA NAUK SSSR. Komitet, Syktyvkar, Institut geologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Komi Branch, Institute of Geology. Transactions]. Syktyvkar, no. 7, 1967. Mineralogy and petrography of the northern part of the Urals and the Timan Range.

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LENINGRAD, NAUCHNO-ISLEDOVATELSKII INSTITUT GEOLOGII ARKTIKI. Uchenye zapiski. Regional'naya geologiya [SCIENTIFIC RESEARCH INSTITUTE OF THE GEOLOGY OF THE ARCTIC. Studies, Regional Geology] no. 10, 1967.

Table of contents translated

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LENINGRAD, VSESOYUZNYI GEOLOGICHESKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions], Vol. 120, 1967. Material on the geology of the Sayan-Alai fold area.

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- KHIMIYA I ZHIZN' [CHEMISTRY AND LIFE]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 4, nos. 1-2, Jan.-Feb. 1968.
- MIR NAUKI [SCIENTIFIC WORKS]. Issued by the World Federation of Scientific Workers. London, no. 5, 1967.
- NAUKA I SUSPIL' STVO [SCIENCE AND SOCIETY]. Issued by Tovarystvo "Znannia" Ukrain's'koi SSR ["Znannia" Society of the Ukrainian S. S. R.]. Kiev, vol. 17, nos. 3-4, Mar.-Apr. 1968.
- PRIRODA [NATURE]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 1, 1968.
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ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Gosstat silyennyi komitet po professional'no-tekhnicheskomu obrazovaniyu pri Gosplane SSSR [State Committee for Industrial Training; Attached to the State Planning Committee of the U. S. S. R.], Moscow, vol. 43, nos. 1-2, Jan.-Feb. 1969.

ZNANNIA TA PRATSA [KNOWLEDGE AND WORK]. Issued by Tsentral'nyi komitet Leninskoho komunisticheskoho sojuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin], Kiev, no. 3(337), Mar. 1968.

b. ASTRONOMY

AKADEMIA NAUK SSSR. Institut teoreticheskoi astronomii. Bulletin [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Theoretical Astronomy. Bulletin]. Leningrad, vol. 11, no. 2(126), 1967.

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REFERATIVNYI ZHURNAL: GEODEZIYA (Otdel'nyi vypusk 52) [JOURNAL OF ABSTRACTS: GEODESY (Separate Issue 52)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, nos. 1-2(52), Jan.-Feb. 1968.

REFERATIVNYI ZHURNAL: ISSLEDOVANIE KOSMICHESKOGO PROSTRANSTVA (Otdel'nyi vypusk 62) [JOURNAL OF ABSTRACTS: SPACE RESEARCH (Separate Issue 62)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 12(62), Dec. 1967, nos. 1-2(62), Jan.-Feb. 1968.

ZEMLIA I VSELENNAYA [EARTH AND THE UNIVERSE]. Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.], Moscow, no. 6, 1967.

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- Table of contents translated.
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- MOSCOW UNIVERSITET. Vestnik. Seriya 6: Biologiya, pochvovedeniye [UNIVERSITY Review. Series 6: Biology, Soil Science]. vol. 23, no. 1, Jan. - Feb. 1968.
- Table of contents translated:
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- Table of contents translated.
- Vetukov, I. A., Voronov, I. U. A. - Development of A. A. Ukhomskii's concepts of the nature of coordinating inhibitions in dominant. p. 5.
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- REFERATIVNYI ZHURNAL BIOLOGIYA [JOURNAL OF ABSTRACTS BIOLOGY]** Issued by Institut nauchnot informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, nos. 1, Pt. 1-2, 2 Pt. 1-2, Jan.-Feb. 1968.
- RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnye doklady vysshei shkoly, biologicheskie nauki (Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Biological Sciences).** Moscow, vol. 10, no. 11(47), 1967.
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- LVOV. UNIVERSYTET. Visnyk. Seriya khimichna [UNIVERSITY. Review. Chemical Series].** No. 9, 1967.
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- FIZIKA V SHKOLE [PHYSICS IN SCHOOLS].** Organ of Ministerstvo prosvetsheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 28, no. 1, 1968.
- GEOMAGNETIZM I AERONOMIYA [GEOMAGNETISM AND AERONOMY].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 7, no. 6, 1967.
- Table of contents translated
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- IZOTOPY V SSSR [ISOTOPES IN THE U. S. S. R.].** Issued by Gosudarstvennyi komitet po ispol'zovaniyu atomnoi energii SSSR [State Committee on the Use of Atomic Energy of the U. S. S. R.]. Moscow, no. 5, 1966.
- Table of contents translated
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- MOSCOW, INZHENERNO-FIZICHESKII INSTITUT. Voprosy dozimetrii i zaschity ot izlucheniia [INSTITUTE OF ENGINEERING PHYSICS. Problems of Dosimetry and Radiation Protection].** No. 7, 1967.
- Table of contents translated
- TSypin, S. G. - Present-day trends of study of nuclear reactor shieldings. p. 5.
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- MOSCOW, UNIVERSITET DRUZHBY NARODOV [UNIVERSITY OF THE FRIENDSHIP OF PEOPLES. Transactions].** Vol. 23, 1967. Fizika [Physics], no. 3.
- Table of contents translated
- Gevorkian, R. G. - Unaccountable assumptions in physical measurements. p. 3.
- Gordeev, A. N. - Power-law energy spectrum of cosmic rays as the solution to the general covariant kinetic equation. p. 13.
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- PRIBORY I TEKHNIKA EKSPERIMENTA [INSTRUMENTS AND EXPERIMENTAL TECHNIQUES].** Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 11, no. 5, Sep.-Oct. 1966.
- Table of contents translated
- Kovaleva, T. A., and others - Noise of photoelectron multipliers. p. 5.
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- REFERATIVNYI ZHURNAL' FIZIKA (JOURNAL OF ABSTRACTS PHYSICS) Issued by Vsesoluznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, nos. 1-2 (16A), Jan.-Feb 1968.
- REFERATIVNYI ZHURNAL' GEOFIZIKA (JOURNAL OF ABSTRACTS GEOPHYSICS) Issued by Vsesoluznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, nos. 1-3, Jan.-Mar. 1968.
- *REFERATIVNYI ZHURNAL' MEKANIKA (JOURNAL OF ABSTRACTS MECHANICS) Issued by Vsesoluznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 12, Dec. 1967, nos. 1-3, Jan.-Mar. 1968.
- RUSSIA (1923-U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izsvestiia vysshih uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning; Physics.] Moscow, vol. 10, no. 11(68), 1967.
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- KLINICHESKAIA MEDITSINA [CLINICAL MEDICINE].** Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 46, nos. 1-2, Jan.-Feb. 1968.
- (DNLAM)
- LENINGRAD LENINGRADSKII INSTITUT EPIDEMIOLOGII I MIKROBIOLOGII IM PASTERA. Trudy [LENINGRAD PASTEUR INSTITUTE OF EPIDEMIOLOGY AND MICROBIOLOGY Transactions].** Vol 32, 1967
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- Razdel [Section] 5, vol. 11, no. 12, Dec. 1967
- Razdel [Section] 6, vol. 11, no. 12, Dec. 1967
- Razdel [Section] 8, vol. 11, no. 12, Dec. 1967
- Razdel [Section] 9, vol. 11, no. 12, Dec. 1967
- Razdel [Section] 10, vol. 11, no. 12, Dec. 1967
- Razdel [Section] 11, vol. 11, no. 12, Dec. 1967
- Razdel [Section] 12, vol. 11, no. 12, Nov.-Dec. 1967
- Razdel [Section] 13, vol. 11, no. 12, Nov.-Dec. 1967
- Razdel [Section] 1, vol. 12, nos. 1-2, Jan.-Feb. 1968
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- Razdel [Section] 5, vol. 12, no. 1, Jan. 1968
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- Razdel [Section] 12, vol. 12, nos. 1-3, Jan. Mar. 1968
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- MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN].** Issued by Ministerstvo zdravookhraneniia i Akademii nauk UzSSR [Ministry of Health and the Academy of Sciences of the Uzbek S. S. R.]. Tashkent, no. 9, Sep. 1967, nos. 11-12, Nov.-Dec. 1967, nos. 1-2, Jan.-Feb. 1968.
- MOSCOW TSENTRAL'NYI INSTITUT USOVERSHENSTVOVANIYA VRACHEI. Trudy [CENTRAL INSTITUTE FOR POSTGRADUATE TRAINING OF PHYSICIANS. Transactions].** Vol 103, 1967.
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- UROLOGHIA I NEFROLOGHIA [UROLOGY AND NEPHROLOGY]. Issued by Ministerstvo zdravookhraneniya SSSR [Ministry of Health of the U. S. S. R.], Moscow, vol. 32, no. 1, Jan.-Feb. 1967.
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- ZDRAVOOKHRANENIE BELORUSSII [HEALTH SERVICE OF WHITE RUSSIA]. Organ of Ministerstvo zdorov'okh anenila BSSR [Ministry of Health of the White Russian S. S. R.]. Minsk, vol. 14, no. 3, Mar. 1968.
- ZDRAVOOKHRANENIE KAZAKHSTANA [HEALTH SERVICE OF KAZAKHSTAN]. Issued by Ministerstvo zdorov'okh anenila Kazakhskoi SSR [Ministry of Health of the Kazakh S. S. R.]. Alma-Ata, vol. 28, no. 3 (264), Mar. 1968. (DNLM)
- ZDRAVOOKHRANENIE ROSSIISSKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION]. Issued by Ministerstvo zdorov'okh anenila RSFSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 12, no. 2, Feb. 1968.
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- VESTNIK OPHTALMOLOGII [REVIEW OF OPHTHALMOLOGY].** Published by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 1, Jan., - Feb. 1968. (DNLM)
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- Table of contents translated
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g PUBLIC HEALTH & NURSING

- FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE]. Issued by Ministerstvo zdoravookhraneniia SSSR and Ministerstvo zdoravookhraneniia RSFSR [Ministry of Health of the U.S.S.R. and the Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 33, nos. 1-3, 1968.
- GIGIENA TRUDA I PROFESSIONAL'NYE ZABOLEVANIIA [INDUSTRIAL HYGIENE AND OCCUPATIONAL DISEASES]. Issued by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 12, nos. 2-3, Feb.-Mar. 1968. (DNLM)
- MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Issued by Ministerstvo zdoravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 27, no. 1, Jan. 1968, no. 2, Mar. 1968.

h. SURGERY & DENTISTRY

- EKSPERIMENTAL'NAIA KHIRURGIIA I ANESTEZIOLOGIIA [EXPERIMENTAL SURGERY AND ANESTHESIOLOGY]. Issued by Ministerstvo zdoravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 12, no. 4, July-Aug. 1967.
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- Table of contents translated
- Uglov, F. G. - History, ways, and development of surgery on the heart vessels, p. 3.
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- I. VENEREOLOGY & DERMATOLOGY
- VESTNIK DERMATOLOGII I VENEROLOGII [REVIEW OF DERMATOLOGY AND VENEREOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 41, no. 8, Aug. 1967.
- Table of contents translated:
- Studnitskii, A. A., Turanov, N. M., Kalamkarian, A. A. -

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SEL'SKAYA NOV' [RURAL NEWS]. Issued by Ministerstvo sel'skogo khoz'yaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Kiev, vol. 3, nos. 2-3, Feb.-Mar. 1968.

SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC]. Issued by Ministerstvo sel'skogo khoz'yaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 1-2, Jan.-Feb. 1968.

SEL'SKOE KHOZ'YAISTVO BELORUSSII (AGRICULTURE OF WHITE RUSSIA). Issued by Ministerstvo sel'skogo khoz'yaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 16, no. 2(24), Feb. 1968.

SEL'SKOE KHOZ'YAISTVO KAZAKHSTANA (AGRICULTURE OF KAZAKHSTAN). Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, no. 3, March 1968.

SEL'SKOE KHOZ'YAISTVO KIRGIZII (AGRICULTURE OF KIRGIZIA). Issued by Ministerstvo sel'skogo khoz'yaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirgiz S.S.R.]. Frunze, vol. 14, no. 2, Feb. 1968.

SEL'SKOE KHOZ'YAISTVO MOLDAVII (AGRICULTURE OF MOLDAVIA). Issued by Ministerstvo sel'skogo khoz'yaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol. 13, nos. 1-3, Jan.-Mar. 1968.

SEL'SKOE KHOZ'YAISTVO ROSSII (AGRICULTURE OF RUSSIA). Issued by Ministerstvo sel'skogo khoz'yaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Moscow, no. 11, Nov. 1967, nos. 1-2, Jan.-Feb. 1968.

SEL'SKOE KHOZ'YAISTVO TADZHIKISTANA (AGRICULTURE OF TAJIKISTAN). Organ of Ministerstvo sel'skogo khoz'yaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S.R.]. Dushanbe, vol. 22, no. 3, Mar. 1968.

SEL'SKOE KHOZ'YAISTVO TURKMENISTANA (AGRICULTURE OF TURKMENISTAN). Issued by Ministerstvo sel'skogo khoz'yaistva Turkmeniskoi SSR [Ministry of Agriculture of the Turkmen S.S.R.]. Ashkhabad, vol. 12, no. 2, Feb. 1968.

SEL'SKOE KHOZ'YAISTVO UZBEKISTANA (AGRICULTURE OF UZBEKISTAN). Issued by Ministerstvo sel'skogo khoz'yaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.]. Tashkent, no. 1, Jan. 1968.

UZBEKISTON QISHLOQ KHUZHALIGI (AGRICULTURE OF UZBEKISTAN). Organ of Ministerstvo sel'skogo khoz'yaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.]. Tashkent, no. 12, Dec. 1967, no. 1, Jan. 1968. [In Uzbek]

VISNYK SIL'SKOHOSPODARSKOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ministerstvo sil'skoho hospodarstva Ukrain'skoi SSR [Ministry of Agricultural Sciences of the Ukrainian S.S.R.]. Kiev, vol. 11, nos. 3, Mar. 1968.

b. ANIMAL INDUSTRY

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Issued by Ministerstvo miasnoi i molochnoi promyshlennosti SSSR i Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [Ministry of the Meat and Dairy Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 28, nos. 1-2, Jan.-Feb. 1968.

OKHOI I OKHOTNICH'IE KHOZ'YAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khoz'yaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 14, no. 2, Feb. 1968.

RYBNOE KHOZ'YAISTVO [FISHING]. Issued by Gosstatizdat SSSR [State Statistical Committee of the U.S.S.R.]. Moscow, vol. 43, no. 11, 1967.

Table of contents translated. Issued by Gosstatizdat SSSR [State Statistical Committee of the U.S.S.R.]. Moscow, vol. 43, no. 11, 1967.

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ZHIVOTNOVODSTVO [ANIMAL HUSBANDRY]. Issued by Ministerstvo sel'skogo khoz'yaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 23, no. 11, Nov. 1967.

Table of contents translated. Issued by Gosstatizdat SSSR [State Statistical Committee of the U.S.S.R.]. Moscow, vol. 23, no. 11, Nov. 1967.

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- LESNAIA PROMYSHLENNOST' [FOREST INDUSTRIES]. Organ of Gosudarstvennyi komitet po lesnoi, tseliul'no-bumazhnoi, derevoobrabatyvashchei promyshlennosti i lesnomu khoziaistvu pri Gosplane SSSR and Tsentral'noe pravleniye Nauchno-tekhnicheskogo obshchestva lesnoi promyshlennosti i lesnogo khoziaistva [State Committee for Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, Attached to the State Planning Committee of the U. S. S. R., and the Central Administration of the Scientific Technological Society of Forest Industries and Forestry]. Moscow, vol. 48, no. 1, Jan 1968.
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- d. PLANT CULTURE
- REFERATIVNYI ZHURNAL' RASTENIEVODSTVO (Otdel'nyi vypusk 55) [JOURNAL OF ABSTRACTS PLANT CULTURE (Separate Issue 55)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 11-12(55), Nov.-Dec 1967.
- SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINE MAKING IN MOLDAVIA]. Organ of Ministerstvo sel'skogo khoziaistva i Ministerstvo pishchevoi promyshlennosti MSSR [Ministry of Agriculture and the Ministry of the Food Industry of the Moldavian S. S. R.]. Kishinev, vol. 23, nos. 1-2(177-178), Jan. - Feb. 1968. (DNAL)
- SAKHARNAIA SVEKLA [SUGAR BEETS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 13, no. 2, Feb. 1968. (DNAL)
- SELEKTSIYA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 32, no. 6, Nov.-Dec. 1967, vol. 33, no. 1, Jan. - Feb. 1968.
- ZERNOVYE I MASLICHNYE KULTURY [GRAIN AND OILSEED CROPS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 2, no. 9, 1967.
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LENINGRAD. POLITEKHNIЧЕСКИЙ ИНСТИТУТ. Труды [POLYTECHNIC INSTITUTE, Transactions], no. 2, 1967.

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NARYSY Z ISTORII TEKHNIKI I PRYRODOZNAVSTVA [STUDIES FROM THE HISTORY OF TECHNOLOGY AND THE NATURAL SCIENCES]. Issued by Ukrain'ske viddilennia Radians'koho natsional'nogo ob'iednannia istorykyv pryrodopoznavstva i tekhniky [Ukrainian Branch of the Soviet National Association of the Historians of Natural Sciences and Technology]. Kiev, no. 9, 1967

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- PMTF, zhurnal prikladnoi mekhaniki i tekhnicheskoi fiziki** [PMTF, Journal of Applied Mechanics and Technical Physics] Issued by Sibiri skoe otdelenie Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U. S. S. R.], Moscow, no. 5, Sep. - Oct 1967.
- Table of contents translated:
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- REFERATIVNYI ZHURNAL. NAUCHNAIA I TEKHNIЧЕСКАЯ ИНФОРМАЦИЯ** (Otdel'nyi vypusk 59) [JOURNAL OF ABSTRACTS: SCIENTIFIC AND TECHNICAL INFORMATION (Separate Issue 59)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.], Moscow, no. 12(59), Dec. 1967, nos. 1-2(59), Jan. - Feb. 1968.
- SVERDLOVSKIY URAL'SKII POLITEKHNIЧЕСКИЙ INSTITUT. Trudy URAL'SKOGO POLYTEKHNIЧЕСKOGO INSTITUTA** [Transactions]. No. 161, 1967.
- Table of contents translated:
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- TEKHNIЧЕСКАЯ ЭСТЕТИКА [INDUSTRIAL AESTHETICS]** Issued by Vsesoiuznyi nauchno-issledovatel'skii institut tekhnicheskoi estetikii [All-Union Scientific Research Institute of Industrial Aesthetics], Moscow, vol. 3, no. 1, Jan. 1968.
- Table of contents translated:
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KRYLIA RODINY [WINGS OF THE MOTHERLAND]. Issued by Vsesoyuznoe dobrovol'noe obshchestvo sodeistviya armii, aviatzii i floty [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 17, no. 6, June 1968.

Table of contents translated
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REFERATIVNIYI ZHURNAL RAKETOSTROENIE (Otdel'nyi vypusk 41) [JOURNAL OF ABSTRACTS: ROCKET BUILDING (Separate Issue 41)]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.] Moscow, nos. 1-2(41), Jan. - Feb. 1968.

REFERATIVNIYI ZHURNAL VOZDUSHNAYA PROMYSLLENOST' [JOURNAL OF ABSTRACTS: AIR TRANSPORTATION] Issued by Vsesoyuznyi Institut nauchnoi informatsii [All-Union Institute of Scientific Information] Moscow, no. 12, Dec. 1967, 61 Feb. 1968 [This journal is also issued in parts.]

c CHEMICAL TECHNOLOGY

FERMENTNAYA I SPIRITOVAIA PROMYSLLENOST' [FERMENTATION AND DISTILLATION] Organ of Gosudarstvennyi Komitet po planirovaniyu myshlennosti pri Gosplane SSSR and Gosstat pri Gosstatu Natsionalno-tekhnicheskogo obshchestva SSSR [State Committee for Planning, Attached to the State Planning Committee of the U. S. S. R., and the Central Administration of the Scientific Technology of the U. S. S. R. Food Industry]. Moscow, vol. 32, no. 4, 1968.

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GAZOVAYA PROMYSHLENNOST' [GAS INDUSTRY]

Organ of Ministerstvo gazovoy promyshlennosti [Ministry for the Gas Industry] and others. Moscow, vol. 12, no. 12, Dec. 1967.

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KHIMICHESKOE I NEFTYANOE MASHINOSTROENIE [CHEMICAL AND PETROLEUM MACHINERY MANUFACTURE]

Organ of Gosudarstvennyy komitet khimicheskogo i nefryanogo mashinostroyeniya pri Gosplane SSSR [State Committee of the Chemical and Petroleum Machinery Manufacture, Attached to the State Planning Committee of the U.S.S.R.], Moscow, no. 4, Apr. 1965.

Table of contents translated:

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Issued by Gosudarstvennyi komitet po promyshlennosti stroitel'nykh materialov pri Gosstroe SSSR [State Committee for the Building Materials Industry, Attached to the State Committee for Construction in the U. S. S. R.]. Moscow, vol. 25, no. 1, Jan. 1968.

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Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 11, no. 6, Nov. - Dec. 1966.

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Issued by Akademiya nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 40, no. 11, Nov. 1967.

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- PUT' I PUTEVOE KHOZIAISTVO [RAILROAD TRACKS AND ROADWAY MAINTENANCE].** Organ of Ministerstva putei soobshcheniya SSSR [Ministry of Railroad Transportation of the U. S. S. R.], Moscow, vol. II, no. 6, 1967.
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REFERATIVNYI ZHURNAL ELEKTRONIKA I EE PRIMENENIE [JOURNAL OF ABSTRACTS ELECTRONICS AND ITS APPLICATION] Issued by Vsesoluznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, nos. 1-3 (23A), Jan - Mar 1968

REFERATIVNYI ZHURNAL ELEKTROTEKHNIKA I ENERGETIKA [JOURNAL OF ABSTRACTS ELECTRICAL ENGINEERING AND ELECTRIC POWER] Issued by Vsesoluznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, nos. 1-3 (20A), Jan - Mar 1968

REFERATIVNYI ZHURNAL YADERNYE REAKTORY (Otdel'nyi vypusk 50) [JOURNAL OF ABSTRACTS NUCLEAR REACTORS (Separate Issue 50)] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12(50), Dec. 1967

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RUSSIA (1923 - U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Vestnik vysshikh uchebnykh zavedenii, tekhnologiya tekstilnoi promyshlennosti [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Technology of the Textile Industry], Moscow, no. 3(58), 1967.

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- REFERATIVNYI ZHURNAL DVIGATELI VNUITRENEGO SCORANIYA (Otdel'nyi vypusk 30) [JOURNAL OF ABSTRACTS INTERNAL COMBUSTION ENGINES (Separate Issue 30)]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12, Dec. 1967.
- REFERATIVNYI ZHURNAL FOTOKINOTEKHNIKA (Otdel'nyi vypusk 46) [JOURNAL OF ABSTRACTS PHOTOGRAPHIC AND MOTION-PICTURE EQUIPMENT (Separate Issue 46)]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12(46), Dec. 1967, no. 3(46), Mar. 1968
- REFERATIVNYI ZHURNAL KOMMUNALNOE, BYTOVOE I TORGOVOE OBOURODOVANIE (Otdel'nyi vypusk 33) [JOURNAL OF ABSTRACTS COMMUNAL, HOUSEHOLD, AND COMMERCIAL EQUIPMENT (Separate Issue 33)]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12(33), Dec. 1967
- REFERATIVNYI ZHURNAL KOTLOSTROENIE (Otdel'nyi vypusk 42) [JOURNAL OF ABSTRACTS BOILER MANUFACTURE (Separate Issue 42)]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 11-12(42), Nov. - Dec. 1967.
- REFERATIVNYI ZHURNAL MASHINOSTROITEL'NYE MATERIALY, KONSTRUKTSII I RASCHET DETALEI MASHIN, GIDROPRIVOD (Otdel'nyi vypusk 48) [JOURNAL OF ABSTRACTS MATERIALS FOR MACHINERY MANUFACTURE AND THE DESIGN OF MACHINE PARTS HYDRAULIC DRIVE (Separate Issue 48)]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12(48), Dec. 1967. Predmetnyi ukazatel' za 1966 g.
- REFERATIVNYI ZHURNAL NASOSOSTROENIE I KOMPRESSOROSTROENIE (Otdel'nyi vypusk 61) [JOURNAL OF ABSTRACTS MANUFACTURE OF PUMPS AND COMPRESSORS (Separate Issue 61)]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12(61), Dec. 1967
- REFERATIVNYI ZHURNAL OBOURODOVANIE PISHCHEVOI PROMYSHLENNOSTI (Otdel'nyi vypusk 38) [JOURNAL OF ABSTRACTS EQUIPMENT OF THE FOOD INDUSTRY (Separate Issue 38)]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12(38), Dec. 1967
- REFERATIVNYI ZHURNAL TEKHNOLOGIYA MASHINOSTROENIYA (JOURNAL OF ABSTRACTS TECHNOLOGY OF MACHINERY MANUFACTURE)** Issued by Vsesoyuznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 12 (148), Dec. 1967, Predmetnyi ukazatel' za 1966
- REFERATIVNYI ZHURNAL TEKHNOLOGIYA I OBOURODOVANIE TSELLULOZNO-BUMAZHNOGO I POLIGRAFIKESKOGO PROIZVODSTVA (Otdel'nyi vypusk 37) [JOURNAL OF ABSTRACTS TECHNOLOGY AND EQUIPMENT OF THE WOODPULP, PAPER, AND PRINTING INDUSTRY (Separate Issue 37)]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12(37), Dec. 1967. Predmetnyi ukazatel' za 1966.
- REFERATIVNYI ZHURNAL TEPLOENERGETIKA [JOURNAL OF ABSTRACTS HEAT ENGINEERING]** Issued by Vsesoyuznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 12, Dec. 1967, nos. 1-2, Jan. - Feb. 1968
- REFERATIVNYI ZHURNAL TRAKTORY I SEL'SKOKHOZIAISTVENNYE MASHINY I ORUDIYA (Otdel'nyi vypusk 44) [JOURNAL OF ABSTRACTS TRACTORS AND AGRICULTURAL MACHINERY AND EQUIPMENT (Separate Issue 44)]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 11-12(44), Nov. - Dec. 1967.
- REFERATIVNYI ZHURNAL TRUBOPROVODNYI TRANSPORT (Otdel'nyi vypusk 45) [JOURNAL OF ABSTRACTS PIPELINE TRANSPORTATION (Separate Issue 45)]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12(45), Dec. 1967.
- REFERATIVNYI ZHURNAL TURBOSTROENIE (Otdel'nyi vypusk 49) [JOURNAL OF ABSTRACTS TURBINE MANUFACTURE (Separate Issue 49)]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12(49), Dec. 1967.
- REFERATIVNYI ZHURNAL: VOPROSY TEKHNIKESKOGO PROGRESSA I ORGANIZATSII PROIZVODSTVA V MASHINOSTROENII (Otdel'nyi vypusk 35) [JOURNAL OF ABSTRACTS PROBLEMS OF TECHNOLOGICAL PROGRESS AND THE ORGANIZATION OF PRODUCTION IN THE MACHINERY INDUSTRY (Separate Issue 35)]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12(35), Dec. 1967, nos. 1-2 (35), Jan. - Feb. 1968.
- REFERATIVNYI ZHURNAL VZAIMODEISTVIE RAZNYKH VIDOV TRANSPORTA I KONTEINERNYE PEREVOZKI (Otdel'nyi vypusk 31) [JOURNAL OF ABSTRACTS CONTAINER SHIPMENTS AND THE INTERACTION OF VARIOUS TYPES OF TRANSPORTATION (Separate Issue 31)]** Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12(31), Dec. 1967.
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- TEPLOENERGETIKA (HEAT ENGINEERING). Organ of Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.], and others, Moscow, vol. 14, no. 12, Dec, 1967.
- Table of contents translated:
- Fridman, E. E. - Development of steam turbines by the S. M. Kirov Turbogenerator Factory in Kharkov, p. 2.
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- Table of contents translated:
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- Table of contents translated:
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- ZA RULEM [AT THE WHEEL].** Issued by Vsesoyuznoe domovnoye obshchestvo sodeistviya armii, avyatsii i floty [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 12, Dec. 1967, nos. 1-3, Jan. - Mar. 1968.
- h. MINING & METALLURGY**
- AZERBAIDZHANSKOE NEFTIANOE KHOZIAISTVO [AZERBAIJAN PETROLEUM INDUSTRY].** Organ of Sovet narodnogo khoziaistva Azerbaidzhanskoi SSR and Gosudarstvennyi komitet Soveta Ministrov Azerbaidzhanskoi SSR po koordinatsii nauchno-issledovatel'skikh rabot [Economic Council of the Azerbaijan S. S. R. and the State Committee of the Council of Ministers of the Azerbaijan S. S. R. for the Coordination of Research]. Baku, vol. 46, no. 12 (498), Dec. 1967.
- Table of contents translated:
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- Table of contents translated:
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- Table of contents translated:
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NASHI VESTI [OUR NEWS]. Published by Soluz chinov Russkogo korpusa [The Association of Members of the Russian Corps] New York, vol. 24, no. 262(2624), Apr. 1968.

RODIMYI KRAI [NATIVE LAND]. Issued by Donskoe voiskovoe ob'edinenie [Don Cossack Association], Paris, no. 74, Jan.-Feb. 1968.

SOVETSKII VOIN [SOVIET SOLDIER]. Issued by Glavnoe politicheskoe upravleniye Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 49, no. 16(1084), Aug. 1967.

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TEKNIKA I VOORUZHENIE [TECHNOLOGY AND ARMAMENTS]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U. S. S. R.]. Moscow, no. 9, Sep. 1964.

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VESTNIK Pervopokhodnika [HERALD OF THE FIRST CAMPAIGN VETERANS] Issued by Pravlenie Kaliforniiskogo obshchestva uchastnikov 1-go Kubanskogo generala Kornilova pochoda [Administration of the California Association of Veterans of General Kornilov's First Cuban Campaign]. Los Angeles, vol. 7, nos. 76/78, Jan.-Mar. 1968.

VISTI KOMBATANTA, VETERANS' NEWS. Issued by United Ukrainian War Veterans in America and Others. New York, no. 1(42), 1968.

VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U S S R]. Moscow, vol. 47, no. 1-3, Jan.-Mar. 1968.

b NAVAL SCIENCE

MORSKOI Sbornik, zhurnal Voenno-Morskogo Flota Soluzh SSR [NAVAL REVIEW, Magazine of the Soviet Navy]. Vol. 50(119), no. 11, Nov. 1966.

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MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT EKONOMIKI I EKSPLOATATSII VODNOGO TRANSPORTA. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE ECONOMICS AND OPERATION OF WATER TRANSPORTATION. Transactions] No. 52, 1967. Organizing lumber transportation by river craft

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REFERATIVNYI ZHURNAL VODNYI TRANSPORT [JOURNAL OF ABSTRACTS WATER TRANSPORTATION]. Issued by Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information]. Moscow, no. 12 (55A), Dec. 1967 [This journal is also issued in parts.]

PART C

List of Periodicals Indexed and Abbreviations Used

Antibiotiki (14f)	Antibiotiki [Antibiotics]	Elektrokhiimiia (13d)	Elektrokhiimiia [Electrochemistry]
Arkh. anat., gist. i embi. (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]	Elektrosviaz' (16e)	Elektrosviaz' [Telecommunication]
Arkh. pat. (14e)	Arkhiv patologii [Archives of Pathology]	Elektrotekhnika (16e)	Elektrotekhnika [Electrical Engineering]
Arkhil. SSSR (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]	Energetik (16e)	Energetik [Electric Power Technician]
Arm. khim. zhur. (13d)	Armianskii khimicheskii zhurnal [Armenian Chemical Journal]	Farm. i toks. (14f)	Farmatologiya i toksikologiya [Pharmacology and Toxicology]
Astron. vest. (13b)	Astronomicheskii vestnik [Astronomical Review]	Farmatsev. zhur. (14f)	Farmatsevtichnyi zhurnal [Pharmaceutical Journal]
Atom. energ. (13f)	Atomnaya energiya [Atomic Energy]	Ferm. i spirt. prom. (16c)	Fermentatsiya i spirtovaya promyshlennost' [Fermentation and Distilling Industry]
Avtom. i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]	Fiz. tver. tela (13f)	Fizika tverdogo tela [Solid State Physics]
Avtom. svar. (16f)	Avtomatika i telemekhanika [Automatic and Remote Control]	Fiziol. zhur. [Ukr.] (13c)	Fiziologichnyi zhurnal [Physiological Journal]
Avtometriia (16g)	Avtometriia [Autometry]	Funktsional. i ego prilozh. (13e)	Funktsional'nyi analiz i ego prilozheniya [Functional Analysis and Its Applications]
Azerb. med. zhur. (14a)	Azerbajchan tibb zhurnali Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]	Gaz. delo (16h)	Gazovoe delo [Gas Industry]
Azerb. nef. khoz. (16h)	Azerbaidzhanskoe nefitnoe khozaistvo [Azerbaijan Petroleum Industry]	Gaz. prom. (16c)	Gazovaya promyshlennost' [Gas Industry]
BIKI [Prilozh.] (5a)	Biulleten' inostrannoi kommercheskoi informatsii, prilozhenie [Bulletin of Foreign Commercial Information, Supplement]	Genetika (13c)	Genetika [Genetics]
Bel. i zhel. bet. (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]	Geofiz. sbor. (13f)	Akademiia nauk URSR, Kiev. Geofizicheskii sbornik [Academy of Sciences of the Ukrainian S.S.R. Geophysics Papers]
Biol. zhur. Arm. (13c)	Biologicheskii zhurnal Armenii [Biological Journal of Armenia]	Geol. zhur. (12c)	Geologichnyi zhurnal [Geological Journal]
Biul. Inst. teor. astron. (13b)	Akademiia nauk SSSR, Institut teoreticheskoi astronomii. Biulleten' [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Bulletin]	Geomag. i aer. (13f)	Geomagnetizm i aeronomiya [Geomagnetism and Aeronomy]
Biul. Kom. chetv. per. (12c)	Akademiia nauk SSSR, Komissiya po izucheniui chetvertichnogo perioda. Biulleten' [Academy of Sciences of the U.S.S.R. Commission for the Study of the Quaternary Period. Bulletin]	Geotektonika (12c)	Geotektonika [Geotectonics]
Bot. zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]	Gidr. i gidrotex. (16d)	Gidravlika i gidrotekhnika [Hydraulics and Hydraulic Engineering]
Bukhg. uch. (5a)	Bukhgalterskii uch. [Accounting]	Gidrobiol. zhur. (13c)	Gidrobiologicheskii zhurnal [Hydrobiological Journal]
Bum. prom. (16f)	Bumazhnaya promyshlennost' [Paper Industry]	Goi. khoz. Mosk. (16d)	Gorodskoe khozaistvo Moskvy [Municipal Economy of Moscow]
Burenie (16h)	Burenie [Drilling]	Gor. zhur. (16h)	Gornyi zhurnal [Mining Journal]
Dokl. AN Azerb. SSR (13a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S.S.R. Reports]	Grazhd. av. (16b)	Grazhdanskaya aviatsiya [Civil Aviation]
Dokl. AN BSSR (13a)	Akademiia nauk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S.S.R. Reports]	Grud. khir. (14h)	Grudnaya khirurgiya [Thoracic Surgery]
Dokl. AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]	Inform. biul. Sov. antark. eksp. (1a)	Sovetskaya antarkticheskaya ekspeditsiya, 1955-1958. Informatsionnyi biulleten' [Soviet Antarctic Expedition, 1955-1958. Information Bulletin]
Dokl. i soob. VNIESKH (5b)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut ekonomiki sel'skogo khozaistva. Doklady i soobshcheniya [All-Union Scientific Research Institute of Agricultural Economics. Reports and Papers]	Iskusstvo (10a)	Iskusstvo [Art]
Dop. AN URSR Ser. B (13a)	Akademiia nauk URSR, Kiev. Dopovidy. Seriya B: Geologiya, geofizika, khimiia i biologiya [Academy of Sciences of the Ukrainian S.S.R. Reports. Series B: Geology, Geophysics, Chemistry, and Biology]	Isk. kino (9a)	Iskusstvo kino [Cinema Art]
Doshk. vosp. (8a)	Doshkol'noe vospitanie [Preschool Education]	Izot. v SSSR (13f)	Izotopy v SSSR [Isotopes in the U.S.S.R.]
Ekonom. i zhizn' (5b)	Ekonomika i zhizn' [Economics and Life]	Izv. AN Arm. SSR, Nauki o zem. (12c)	Akademiia nauk Armianskoi SSR, Erivan. Izvestia. Nauki o zemle [Academy of Sciences of the Armenian S.S.R. Bulletin. Earth Sciences]
Ekonom. nefteob. prom. (5b)	Ekonomika nefteobvayushchei promyshlennosti [Economics of Petroleum Production]	Izv. AN Azerb. SSR Ser. ist., filos. i prava (1a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestia. Seriya istorii, filosofii i prava [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in History, Philosophy, and Law]
Ekonom. Rad. Ukr. (5b)	Ekonomika Radians'koi Ukrainy [Economics of the Soviet Ukraine]	Izv. AN Kazakh. SSR, Ser. obshchestv. (1a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestia. Seriya obshchestvennaya [Academy of Sciences of the Kazakh S.S.R. Bulletin. Social Sciences Series]
Elektrichestvo (16e)	Elektrichestvo [Electricity]	Izv. AN Mold. SSR (1a)	Akademiia nauk Moldavskoi SSR. Izvestia [Academy of Sciences of the Moldavian S.S.R. Bulletin]
		Izv. AN SSSR, Energ. i transp. (16g)	Akademiia nauk SSSR, Izvestia. Energetika i transport [Academy of Sciences of the U.S.S.R. Bulletin. Power Engineering and Transportation]

Izv. AN SSSR Fiz. atm. i okeana (13f)	Akademii nauk SSSR. Izvestiia. Fizika atmosfery i okeana [Academy of Sciences of the U.S.S.R. Bul- letin. Atmospheric and Oceanic Physics]	Izv. vys. ucheb. zav., stroit. i arkhit. (10b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysskhkh uchebnykh zavedenii, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the In- stitutions of Higher Learning, Radio Engineering]
Izv. AN SSSR Fiz. zeml. (13f)	Akademii nauk SSSR. Izvestiia. Fizika zemli [Academy of Sciences of the U.S.S.R. Bulletin. Physics of the Earth]	Izv. vys. ucheb. zav., tekhn. i tekhn. prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysskhkh uchebnykh zavedenii, tekhnologiya tekhnicheskoi promyshlennosti [Min- istry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning. Technology of the Textile Industry]
Izv. AN SSSR Neorg. mat. (13d)	Akademii nauk SSSR. Izvestiia. Neorganicheskie ma- terialy [Academy of Sciences of the U.S.S.R. Bul- letin. Inorganic Materials]	Kardiologiya (14a)	Kardiologiya [Cardiology]
Izv. AN SSSR. Ser. biol. (13c)	Akademii nauk SSSR. Izvestiia. Seriya biologicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Biologi- cal Series]	Kauchuk i rez. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Izv. AN SSSR Ser. fiz. (13f)	Akademii nauk SSSR. Izvestiia. Seriya fizicheskaya [Acad- emy of Sciences of the U.S.S.R. Bulletin. Physical Series]	Khar. prom. (16f)	Kharchova promyslovost' [Food Industry]
Izv. AN SSSR Ser geol. (12c)	Akademii nauk SSSR. Izvestiia. Seriya geologicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Geological Series]	Khim.-farm. zhur. (14f)	Khimiko-farmatsevticheskii zhurnal [Chemical and Phar- maceutical Journal]
Izv. AN SSSR Ser. khim. (13d)	Akademii nauk SSSR. Izvestiia. Seriya khimicheskaya [Academy of Sciences of the U.S.S.R. Bulletin. Chemical Series]	Khim. i nef. ma- shinstro. (16c)	Khimicheskoe i nefteinoe mashinostroyeniye [Chemical and Petroleum Machinery Manufacture]
Izv. Alt. otd. Geog. ob-va SSSR (12b)	Geograficheskoe obshchestvo SSSR. Altaiskii otdel. Izvestiia [Geographical Society of the U.S.S.R. Altai Branch. Bulletin]	Khim. i tekhn. topl. i masel (16c)	Khimiya i tekhnologiya topliv i masel [Chemistry and Tech- nology of Fuel and Oil]
Izv. Otd. biol. nauk AN Tadzh. SSR (13c)	Akademii nauk Tadzhikskoi SSR, Dushanbe, Otdeleniye biologicheskikh nauk. Izvestiia [Academy of Sciences of the Tajik S.S.R., Department of Biological Sciences, Bulletin]	Khim. prom. Ukr. (16c)	Khimichna promyslovost' Ukrainy [Chemical Industries of the Ukraine]
Izv. SO AN SSSR. Ser. tekhn. nauk (16a)	Akademii nauk SSSR, Sibirskoe otdeleniye. Izvestiia, Seriya tekhnicheskikh nauk [Academy of Sciences of the U.S.S.R., Siberian Department, Bulletin. Series in the Technological Sciences]	Khim. i tekhn. topl. (13d)	Khimiya i tekhnologiya topliv [Chemistry of Solid Fuel]
Izv. TSKHA (15a)	Moscow. Moskovskaya sel'skokhozyaistvennaya akade- miya im. Timiriazeva. Izvestiia [Timiriazev Agri- cultural Academy of Moscow. Bulletin]	Khirurgiya (14h)	Khirurgiya [Surgery]
Izv. VNIIG (16d)	Leningrad, Vsesoyuznyi nauchno-issledovatel'skii institut gidrotekhniki. Izvestiia [All-Union Scientific Research Institute of Hydraulic Engineering. Bulletin]	Klin. khir. (14h)	Klinicheskaya khirurgiya [Clinical Surgery]
Izv. vys. ucheb. zav., Chern. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysskhkh uchebnykh zavedenii, Chernaya metallurgiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institu- tions of Higher Learning; Ferrous Metallurgy]	Kniga, issl. i mat. (2c)	Kniga, issledovaniya i materialy [The Book, Studies and Papers]
Izv. vys. ucheb. zav., elekt. i mekh. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysskhkh uchebnykh zavedenii, elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institu- tions of Higher Learning, Electrical Machinery and Apparatus]	Koks i khim. (16c)	Koks i khimiya [Coke and Chemistry]
Izv. vys. ucheb. zav., energ. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysskhkh uchebnykh zavedenii, energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Power Engineering]	Komm. Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]
Izv. vys. ucheb. zav., fiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysskhkh uchebnykh zavedenii, fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Physics]	Kommunist (6)	Kommunist [Communist]
Izv. vys. ucheb. zav., geol. i razv. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysskhkh uchebnykh zavedenii, geologiya i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geology and Prospecting]	Kons. i ov. prom. (16c)	Konservaniya i ovoshchesushil'naya promyshlennost' [The Canning and Dehydrated Vegetable Industry]
Izv. vys. ucheb. zav., khim. i khim. tekhn. (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysskhkh uchebnykh zavedenii, khimiya i khimicheskaya tekhnologiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Chemistry and Chemical Technology]	Kozh. i obuv. prom. (16f)	Kozhevenno-obuvnaya promyshlennost' [Leather and Foot- wear Industry]
Izv. vys. ucheb. zav., mashino- str. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysskhkh uchebnykh zavedenii, mashinostroyeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institu- tions of Higher Learning; Machinery Manufacture]	Krat. soob. Inst. arkheol. (4b)	Akademii nauk SSSR. Institut arkhologii. Kratkie soobshcheniya o dokladakh i polevykh issledovaniyakh [Academy of Sciences of the U.S.S.R. Institute of Archaeology. Brief Summaries of Reports and Field Explorations]
Izv. vys. ucheb. zav., mat. (13e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysskhkh uchebnykh zavedenii, matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mathematics]	Kryl. rod. (16b)	Kryl'ia i udnyye [Wings of the Motherland]
Izv. vys. ucheb. zav., nef. i gaz (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysskhkh uchebnykh zavedenii, nef. i gaz [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Petroleum and Gas]	Kuz.-stam. proizv. (16g)	Kuznechno-stampovoye proizvodstvo [Forging and Stamping]
Izv. vys. ucheb. zav., pishch. tekhn. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysskhkh uchebnykh zavedenii, pishchevaya tekhnologiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Food Technology]	Lab. delo (14e)	Laboratornoye delo [Laboratory Work]
Izv. vys. ucheb. zav., prib. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysskhkh uchebnykh zavedenii, priborostroyeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institu- tions of Higher Learning; Instrument Manufacture]	Lakokras. mat. i ikh prim. (16c)	Lakokrasochnyye materialy i ikh primeneniye [Lacquers and Paint Materials and Their Use]
		Leh. prom. (16f)	Lehkaya promyslovost' [Light Industry]
		Lit. i pol. iskop. (12c)	Litologiya i poleznyye iskopayemye [Lithology and Mineral Resources]
		Mash. i nef. obor. (16h)	Mashiny i nefteinoe oborudovaniye [Machinery and Petroleum Equipment]
		Mashinostroitel' (16g)	Mashinostroyeniye [Machine Building]
		Mat.-tekhn. snabzh. (5b)	Material'no-tekhnicheskoye snabzheniye [Supply of Ma- terials and Equipment]
		Med. ref. zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
		Med. tekhn. (14a)	Meditsinskaya tekhnika [Medical Equipment]
		Mekhn. stroit. (16d)	Mekhanizatsiya stroitel'stva [Mechanization of Construction]
		Metallurg (16b)	Metallurg [Metallurgist]
		Metod. vych. (13c)	Metody vychisleniy [Computation Methods]
		Mias. ind. SSSR (16f)	Miasnaya industriya SSSR [Meat Industry of the U.S.S.R.]
		Mirovaia ekon. i mezhduonar. otn. (5b)	Mirovaya ekonomika i mezhduunarodnyye otnosheniya [World Economics and International Relations]
		Moi komm. (6)	Molodoi kommunist [The Young Communist]
		Mont. i spets. rab. v stroit. (16d)	Montazhnyye i spetsial'nyye raboty v stroitel'stve [Assembly and Specialized Operations in Construction]
		Moi sbor. (17b)	Morskoi sbornik; zhurnal Voenno-Morskogo Flota SSSR [Naval Review; Magazine of the Soviet Navy]

Ref. zhur. Med. geog. (14a)	Referativnyi zhurnal: Meditsinskaya geografiya (Otdel'nyi vypusk 38) [Journal of Abstracts: Medical Geography (Separate Issue 38)]	Sil'. bud. (16d)	Sil's'ke budivnytstvo [Rural Construction]
Ref. zhur. Mekh (13f)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]	Soob. AN Gruz. SSR (1a)	Akademija nauk Gruzinskoj SSR, Tiflis. Soobshchenija [Academy of Sciences of the Georgian S.S.R. Reports. Russian language edition]
Ref. zhur. Met. (16h)	Referativnyi zhurnal: Metallurgija [Journal of Abstracts: Metallurgy]	Soob. Inst. po izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Soobshchenija [Institute for the Study of the U.S.S.R. Reports]
Ref. zhur. Metr. i izm. tekhn. (16a)	Referativnyi zhurnal: Metrologija i izmeritel'naja tekhnika (Otdel'nyi vypusk 32) [Journal of Abstracts: Mensuration and Measurement Techniques (Separate Issue 32)]	Sots. zakon. (7)	Sotsialisticheskaja zakonnost' [Socialist Legality]
Ref. zhur. Nauch. i tekhn. inform. (16a)	Referativnyi zhurnal: Nauchnaja i tekhnicheskaja informatsija (Otdel'nyi vypusk 59) [Journal of Abstracts: Scientific and Technical Information (Separate Issue 59)]	Sov. arheol. (4b)	Sovetskaja arheologija [Soviet Archaeology]
Ref. zhur. Naosotr. i kompres-sorotr. (16g)	Referativnyi zhurnal: Nasosostroenie i kompressorostroenie (Otdel'nyi vypusk 61) [Journal of Abstracts: Manufacture of Pumps and Compressors (Separate Issue 61)]	Sov. gos. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
Ref. zhur. Ob. vop. pat. Onk. (14e)	Referativnyi zhurnal: Obshchie voprosy patologii. Onkologija (Otdel'nyi vypusk 53) [Journal of Abstracts: General Problems of Pathology. Oncology (Separate Issue 53)]	Sov. iust. (7)	Sovetskaja iustitsija [Soviet Justice]
Ref. zhur. Obor. pishch. prom. (16g)	Referativnyi zhurnal: Oborudovanie pishchevoj promyshlennosti (Otdel'nyi vypusk 38) [Journal of Abstracts: Equipment of the Food Industry (Separate Issue 38)]	Sov. med. (14a)	Sovetskaja meditsina [Soviet Medicine]
Ref. zhur. Pochv. i agrokhim. (16a)	Referativnyi zhurnal: Pochvovedenie i agrokhimija (Otdel'nyi vypusk 57) [Journal of Abstracts: Soil Science and Agrochemistry (Separate Issue 57)]	Sov. pedagog. (8a)	Sovetskaja pedagogika [Soviet Pedagogy]
Ref. zhur. Radiotekh. (16e)	Referativnyi zhurnal: Radiotekhnika [Journal of Abstracts: Radio Engineering]	Sov. profsojuzy (5d)	Sovetskie profsojuzy [Soviet Trade Unions]
Ref. zhur. Raketost. (16b)	Referativnyi zhurnal: Raketostroenie (Otdel'nyi vypusk 41) [Journal of Abstracts: Rocket Building (Separate Issue 41)]	Sov. vojn. (17a)	Sovetskij vojn. [Soviet Soldier]
Ref. zhur. Rast. (15d)	Referativnyi zhurnal: Rastenievodstvo (Otdel'nyi vypusk 55) [Journal of Abstracts: Plant Culture (Separate Issue 55)]	Sred. spets. obr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Specialized Education]
Ref. zhur. Tekh. i obor. tsel. bum. i poligr. proizv. (16g)	Referativnyi zhurnal: Tekhnologija i oborudovanie tselulozno-bumazhnoj i poligraficheskogo proizvodstva (Otdel'nyi vypusk 37) [Journal of Abstracts: Technology and Equipment of the Woodpulp, Paper, and Printing Industry (Separate Issue 37)]	Stanki i instr. (16g)	Stanki i instrumenty [Machine Tools and Cutting Tools]
Ref. zhur. Tekh. mashinost. (16g)	Referativnyi zhurnal: Tekhnologija mashinostroenia [Journal of Abstracts: Technology of Machinery Manufacture]	Steklo i keramika (16c)	Steklo i keramika [Glass and Ceramics]
Ref. zhur. Teploenerg. (16g)	Referativnyi zhurnal: Teploenergetika [Journal of Abstracts: Heat Engineering]	Stroitel'noe i arkhitekt. (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Ref. zhur. Trakt. i sel'skokhoz. mash. i orud. (16g)	Referativnyi zhurnal: Traktory i sel'skokhoziajstvennyye mashiny i orudija (Otdel'nyi vypusk 44) [Journal of Abstracts: Tractors and Agricultural Machinery and Equipment (Special Issue 44)]	Stroitel'noe i arkhitekt. Leningrad (10b)	Stroitel'stvo i arkhitektura Leningrada [Construction and Architecture in Leningrad]
Ref. zhur. Trub. transp. (16g)	Referativnyi zhurnal: Truboprovodnyj transport (Otdel'nyi vypusk 45) [Journal of Abstracts: Pipeline Transportation (Separate Issue 45)]	Stroitel'noe i arkhitekt. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
Ref. zhur. Turbost. (16g)	Referativnyi zhurnal: Turbostroenie (Otdel'nyi vypusk 40) [Journal of Abstracts: Turbine Manufacture (Separate Issue 40)]	Stroitel'noe i dor. mashinost. (16g)	Stroitel'stvo i dorozhnoe mashinostroenie [Road and Construction Machinery Building]
Ref. zhur. Vod. transp. (17b)	Referativnyi zhurnal: Vodnyj transport [Journal of Abstracts: Water Transportation]	Stroitel'nye materialy (16d)	Stroitel'nye materialy [Building Materials]
Ref. zhur. Vop. tekhn. prog. i org. proizv. v mashinost. (16g)	Referativnyi zhurnal: Voprosy tekhnicheskogo progressa i organizatsii proizvodstva v mashinostroenii (Otdel'nyi vypusk 35) [Journal of Abstracts: Problems of Technological Progress and the Organization of Production in the Machinery Industry (Separate Issue 35)]	Stroitel'stvo truboprovodov (16d)	Stroitel'stvo truboprovodov [Pipeline Construction]
Ref. zhur. Vozd. transp. (16b)	Referativnyi zhurnal: Vozdushnyj transport [Journal of Abstracts: Air Transportation]	Svetotekhnika (16a)	Svetotekhnika [Illuminating Engineering]
Ref. zhur. Vzaimodejstv. razn. vid. transp. i kont. perev. (16g)	Referativnyi zhurnal: Vzaimodejstvie raznykh vidov transporta i kontejnerov pezevozki (Otdel'nyi vypusk 31) [Journal of Abstracts: Container Shipments and the Interaction of Various Types of Transportation (Separate Issue 31)]	Tekh. est. (16a)	Tekhnicheskaja estetika [Industrial Aesthetics]
Rybn. khoz. (15b)	Rybnoe khoziajstvo [Fisheries]	Tekh. i vooruzh. (17a)	Tekhnika i vooruzhenie [Technology and Armaments]
Sakh. prom. (16c)	Sakharная promyshlennost' [Sugar Industry]	Tekh. kino i telev. (9a)	Tekhnika kino i televidenija [Motion Picture and Television Engineering]
Sbor. st. III razd. prog. MGG (13f)	Akademija nauk SSSR. Mezhdunarodnyj geofizicheskij komitet. III razdel programmy MGG. Sbornik statej [Academy of Sciences of the U.S.S.R. Interdepartmental Geophysical Committee, 3d Section of the IGY Program. Papers]	Tekst. prom. (16f)	Tekstil'naja promyshlennost' [Textile Industry]
Sbor. trud. LITZHT (16d)	Leningrad. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik trudov [Institute of Railroad Transportation Engineers. Papers]	Teor. i eksp. khim. (13d)	Teoreticheskaja i eksperimental'naja khimija [Theoretical and Experimental Chemistry]
Sel's. stroit. (16d)	Sel'skoe stroitel'stvo [Rural Construction]	Teor. i prakt. fiz. kul't. (8b)	Teorija i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]
Shakht. stroit. (16h)	Shakhtnoe stroitel'stvo [Mine Construction]	Teploenergetika (16g)	Teploenergetika [Heat Engineering]
Shkola i proizv. (8a)	Shkola i proizvodstvo [School and Industry]	Teplofiz. vys. temp. (13f)	Teplofizika vysokikh temperatur [Thermophysics of High Temperatures]
Shvein. prom. (16f)	Shvejnaja promyshlennost' [Clothing Industry]	Torf. prom. (16h)	Torflannaja promyshlennost' [Peat Industry]
		Trudy Dush. med. inst. (14a)	Dushanbe. Gosudarstvennyj meditsinskij institut. Trudy [State Medical Institute. Transactions]
		Trudy GOIN (12b)	Moscow. Gosudarstvennyj okeanograficheskij institut. Trudy [State Oceanographic Institute. Transactions]
		Trudy IFI (16a)	Irkutsk. Politehnicheskij institut. Trudy [Polytechnic Institute. Transactions]
		Trudy Inst. geol. Komi fil. AN SSSR (12c)	Akademija nauk SSSR. Komi filial, Syktyvkar. Institut geologii. Trudy [Academy of Sciences of the U.S.S.R. Komi Branch. Institute of Geology. Transactions]
		Trudy Inst. polim. i virus. entsef. AMN SSSR (14a)	Akademija meditsinskikh nauk SSSR, Moscow. Institut polionitella i virusnykh entsefalitov. Trudy [Academy of Medical Sciences of the U.S.S.R. Institute of Poliomyelitis and Virus Encephalitis. Transactions]
		Trudy KazNIGMI (13f)	Alma-Ata. Kazakhskij nauchno-issledovatel'skij gidrometeorologicheskij institut. Trudy [Kazakh Scientific Research Hydrometeorological Institute. Transactions]
		Trudy Komi fil. AN SSSR (1a)	Akademija nauk SSSR. Komi filial, Syktyvkar. Trudy [Academy of Sciences of the U.S.S.R. Komi Branch. Transactions]
		Trudy LPI (16a)	Leningrad. Politehnicheskij institut. Trudy [Polytechnic Institute. Transactions]
		Trudy Len. inst. epid. i mikrobiol. (14a)	Leningrad. Leningradskij institut epidemiologii i mikrobiologii im. Pastera. Trudy [Leningrad Pasteur Institute of Epidemiology and Microbiology. Transactions]

Zhur fiz. khim.
(13d)

Zhur. mikro-
biol., epid.
i immun.
(14a)

Zhur. nauch. i
prikl. fot. i
kin. (16c)

Zhur. neorg.
khim. (13d)

Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]

Zhurnal mikrobiologii, epidemiologii i immunobiologii
[Journal of Microbiology, Epidemiology, and Immuno-
biology]

Zhurnal nauchnoi i prikladnoi fotografii i kinematografii
[Journal of Scientific and Applied Photography and Cinema-
tography]

Zhurnal neorganicheskoi khimii [Journal of Inorganic
Chemistry]

Zhur. nevro- i
psikh. (14c)

Zhur. ob. khim.
(13d)

Zhur. prikl.
khim. (16c)

Zhur. strukt.
khim. (13d)

Zvezda (11b)

Zhurnal nevropatologii i psikiatrii [Journal of Neuro-
pathology and Psychiatry]

Zhurnal obshchei khimii [Journal of General Chemistry]

Zhurnal prikladnoi khimii [Journal of Applied Chemistry]

Zhurnal strukturnoi khimii [Journal of Structural Chem-
istry]

Zvezda [The Star]

02(477)—Ukrainian S S R

The book, the student's companion. IE I. Selezneva
Rad shk. 46 no 9:50-58 S '67

02(571 b)—Soviet Far East

[Scientific libraries of Siberia and the Far East; work experience] Nauchnye biblioteki Sibiri i Dal'nego Vostoka, opyt raboty Novosibirsk, 1967 169 p

028 READING ADVICE FOR READERS

Acquainting the children with a great miracle V. M. Malyeva. Nach shkola 35 no.12 17-18 D '67
The book, the student's companion. IE I. Selezneva
Rad shk. 46 no 9:50-58 S '67
Books and life introducing the problem of V. I. Lenin's theory of the role of books. A. V. Zapadov Kniga, izdat. 15-11-22 '67.
Browsing through books is my favorite pastime. I. Werhan. V mire knig 7 no 8:6 '67
Expressive reading of popular articles in the field of science. F. D. Dmitrieva Nach shkola 35 no.12 10-12 D '67
Incute an interest for the periodical press in students. M. I. Altanova, S. A. Kiperman Rad shk. 46 no 9:49-55 S '67.
Present-day children's books. K. P. Piskunov, Kniga; izdat. 15-51-70 '67.
Russian books on my bookshelf. V mire knig 7 no.8:6-7 '67.
Science and books. L. S. Filikhtshstein, Kniga; izdat. 15-21-52 '67
Work with a book. A. V. Leva-shova, N. A. Kargin, Nach shkola 36 no.1,12-18 Ja '68.

03 ENCYCLOPEDIAS, DICTIONARIES, REFERENCE BOOKS

Encyclopedia of the national economy of the Ukrainian S S R O. I. Yushk. Ekon Rad shk. 10 no 7:95-96 D '67
Letters to the editor. S. N. Potapov Nauch dokl. vyz shkoly, filol. nauki 9 no 1:97-198 '66
The manuscript dictionary of the first half of the 18th century. V. P. Voppevich, Nauch. dokl. vyz. shkoly, filol. nauki 9 no.4 176-180 '66.
More about the character of the provincial dictionary. F. P. Sazuketov, Nauch. dokl. vyz. shkoly, filol. nauki 9 no.1 110-145 '66
We need bilingual dictionaries of personal names. L. P. Stupin Uch. zap. kaf. per. MGPIIA no.4 56-62 '67

05 PERIODICALS, REVIEWS

[Agricultural calendar] Sol'skii kalendar' 1968. God iz-davlia tridtsat' per. yul. Moskva, "Kolos," [1967] 234 p (DNAL)

Articles on the history of communist parties published in foreign periodicals Vop ist KPSS no 3:14-136 Ma '68
Confereces of our readers Sov izst 31 no.16 24 Ag '67
Critical review of the periodical "Izvestia" V. Dmitriev and others Vop lit 12 no 2:23-54 I '68
I. I. Garkov as the founder and editor of the periodical "Vestnik khrumh." A. N. Filatov Vest khir. 99 no 7 10-15 Ji '67.
Incute an interest for the periodical press in students. M. I. Altanova, S. A. Kiperman Rad shk. 46 no.9:49-55 S '67.
Legal periodicals and their readers. Sots. zakon no 7 '66 Ti '67
Our magazine is 25 years old. M. Ivanov, Tyi i snab Sov. Voor. Sil 26 no.10 12-16 O '65
The periodical "Doshkol'noe vospitanie" in the new year. Doshk. vosp. 40 no 12:6-7 '67
Periodicals for the junior Pioneers. Nach shkola 35 no.12:84-88 D '67.
"Ruskaia rech'" in 1967. G. Dontaenko. Doshk. vosp. 40 no.12 62-65 '67.
The mainstays of journals in the years of Soviet power: "Novyi khimicheskii arkhiv" "Khimicheskaya khimicheskaya" I. I. Kalchenko Khim khir. no 11 9-17 N '67
Vojenskaia tekhnika Tekh i voozruchh 26 no 5:60 My '68

06 ORGANIZATIONS, ASSOCIATIONS, CONGRESSES, MEETINGS

06(407.2)—Bulgaria

The Sofia meeting of metallurgists I. I. Kostinukov. Metallurg 12 no 5 38-39 My '67.

06.06 EXHIBITIONS, COMPETITIONS, EXAMINATIONS

All-Union exhibition of best samples of broad-consumption goods. R. Abutalybov, R. Faradzhatteva. Za tekhn. prog. 6 no.11:48 N '68.
Awards of the Exhibition of Achievements of the National Economy of the U.S.S.R. Stroim. mat. 13 no.11:37 N '68.

"Building Materials" pavilion, anniversary exhibit at the Exhibition of Achievements of the National Economy of the U.S.S.R. A. M. Skobleva. Stroim. mat. 13 no 8 4-6 Ag '67

Coin of the Soviet Union in Moscow Na stroi. Ras. 8 no 10:28 O '67

Exhibition of nuclear instruments manufactured in Poland V. Buzikov. Atom. eneg. 24 no 1:108-109 Ja '68.

An exhibition of students' works V. Neelov Sred spets obr. 13 no 9:18 S '66

New equipment at the U.S.S.R. Exhibition of National Economic Achievements M. Pavlov Tekh i voozruchh 25 no 6:60-71 Ic '66

The secondary technical schools of Saratov prepare for the anniversary of the October Revolution B. Almazo Sred spets obr. 14 no 8:53-55 Ag '67.

U.S.S.R. 1968 international exhibitions: "Interkhimash-68." G. Poterbenko NTO 9 no.12 58-59 D '67

06 06(471 310)—Moscow City

Exhibition "Electrical engineering, electronics, and automatic equipment of the German Democratic Republic" in Moscow A. Chel'shev, V. Dityanova Muk. rel. prom. 31 no 12:23 D '67

Exhibition "Mashinostroi-67" Z. M. Protolova Mashinostroi 1 no 9 11-15 S '67

New instruments. M. D. Shengart Mashinostroi 1 no.1 30-31 Ja '68.

06 06(71)—Canada

Soviet culture at the World's Fair in Montreal A. Khal-turin. Iskusstvo 30 no.11,10-15 '67

06 07 VARIOUS ACTIVITIES

Friendship and cooperation of the Czech and Soviet peoples Komm. Uki. 42 no 8:41-46 Ag '67
In honor of the 50th anniversary of the Soviet regime Sred spets obr. 11 no 12:6-8 D '67
Masks. Shkola i proizv. 11 no.12:19 D '67.

06 07(431)—German Democratic Republic

German-Soviet friendship in action. V. Kunt Sov. pedag. 31 no.12 105-112 D '67.

06 07(437)—Czechoslovakia

Friendship and cooperation of the Czech and Soviet peoples Komm. Uki. 42 no 8:41-46 Ag '67

06 07(477)—Ukrainian S S R

Fraternal contacts of scholars L. A. Shovchenko. Ukr. ist. zhur. 11 no.10 155 O '67.

06 07(479.22)—Georgian S S R

Fraternal contacts of scholars. L. A. Shovchenko. Ukr. ist. zhur. 11 no 10 155 O '67.

06.09 HISTORIC, INAUGURAL, COMMEMORATIVE CELEBRATIONS

Best wishes for the holiday, dear Moscowites! Gor. khor. Mosk. 11 no.10:22-26 O '67.
By Moscow time. Grazhd. av. 24 no.10:16-17 O '67.
Conferences of the women deputies of the Soviets devoted to the anniversary of the October Revolution, October 1927. L. D. Vitruk. Ukr. ist. zhur. 11 no.10 106-108 O '67

A general meeting of the Department of History of the Academy of Sciences of the U.S.S.R. devoted to the 50th anniversary of the Great October Socialist Revolution Vop ist 43 no 1:18 Ja '68

Great anniversary. Osn., fund. i mekh. grun. 8 no.5 1 '67.

In honor of the 50th anniversary of the Soviet regime Sred spets obr. 11 no 12:6-8 D '67

In preparation for the 50th anniversary of the Great October Socialist Revolution. Khim. farm. zhur. 1 no.6:3-4 Je '67.

A jubilee session of the Academy of Sciences of the U.S.S.R. devoted to the 50th anniversary of the Great October Socialist Revolution Vop ist 43 no 1:3-6 Ja '68

Memorable dates Nat. obr. no 1:126 Ja '68.

On the front lines. K. I. Provalov. Sov. voim. 49 no.16:2-3 Ag '67

School of communism. D. I. Turan and others. Grazhd. av. 24 no.10:11 O '67.

Schools are preparing for the national holiday. Rad. shk. 40 no.9:21-23 S '67.

To the Central Committee of the Communist Party of the Soviet Union Vest. AN Kazakh. SSR 23 no.11:7 N '67.

Toward the glorious anniversary. P. I. Aksenov, V. A. Melshin, A. V. Farber. Sred spets obr. 14 no.8:10-11 Ag '67.

Under October's banner. Stroi. i arkh. Mosk. 16 no.11:1 N '67.

06 09(471 232)—Leningrad City

Architecturally creative schemes in Leningrad for the holidays commemorating the Revolution. O. V. Nemtso. Stroi. i arkh. Len. 28 no 8:18-19 Ag '67.

06 09(471 310)—Moscow City

An international scientific conference M. M. Makhlasipov Vop ist KPSS 12 no 2:151-155 I '68

06 09(474 2)—Estonian S S R

Estonian publications commemorating the 50th anniversary of Soviet rule V mire knig 7 no 8:46 '67

06 09(474 3)—Latvian S S R

Latvian publications commemorating the 50th anniversary of Soviet rule. V mire knig 7 no 8:8 '67

06 09(477 8)—Western Ukraine

A conference on the subject "The Great October Revolution and Ternopol' Province." M. I. Bci. Ukr. ist zhur. 11 no.10 151-155 O '67

06 09(478)—Moldavian S S R

Moldavian publications commemorating the 50th anniversary of Soviet rule. V mire knig 7 no 8:11 '67

06 09(479 25)—Armenian S S R

Armenian publications commemorating the 50th anniversary of Soviet rule V mire knig 7 no.8:26 '67

06 09(574)—Kazakh S S R

A session of the Academy of Sciences of the Kazakh S S R devoted to the 50th anniversary of the October Revolution. Vest. AN Kazakh SSR 23 no.11 44-45 N '67

06 09(575 2)—Kirghiz S S R

Kirghiz publications commemorating the 50th anniversary of Soviet rule. V mire knig 7 no 8:19 '67.

06 09(575 3)—Tajik S S R

Tajik publications commemorating the 50th anniversary of Soviet rule V mire knig 7 no.8:26 '67.

06 09(575 4)—Turkmen S S R

Turkmen publications commemorating the 50th anniversary of Soviet rule. V mire knig 7 no.8:23 '67.

061 INSTITUTIONS, ASSOCIATIONS, CONGRESSES, ETC

All-Russian congresses on preschool education. O. Fro-lova Doshk. vosp. 10 no 8:6-13 '67

All-Union Interuniversity Conference of Electrical Engineers S S R Boda Elektrotekhnika 39 no 161 Ja '68

At an international meeting. Nach. shkola 35 no.12:8-9 D '67.

At the Academy of Pedagogical Sciences of the U.S.S.R. Sov. pedag. 31 no.10 3 O '67

Brief news. Rad. pravo no 2:112 I '68

Conference and congress of electrical engineers in the German Democratic Republic. Elektichestvo no.1 66 Ja '68.

Conference of a scientific and technical council. G. A. Gus'kova Svetotekhnika 13 no 12:25-26 D '67

Congress of Polish culture. V. B. Vop. lit. 11 no.3 197-199 Mr '67.

Decisions of the 23d Congress of the Communist Party of the Soviet Union and problems facing the industry Tr. i sp. izdat. prom. 32 no 4:1-3 '66

The 8th International Congress on Mineral Dressing. A. V. Troitskii, R. G. Shaleva. Gor. zhur. 143 no.1 77 Ja '68

Fifth All-Union Scientific and Technical Conference on the Creation and Utilization of Control Systems with Computers. V. V. Solodovnikov, V. N. Plotnikov. Elektichestvo no.1 83-84 Ja '68.

First All-Union symposium on statistical problems in engineering cybernetics V. S. Pugachev, N. S. Rabinov, V. M. Chadeev Avtom. i telem. no.11 207-213 N '67

Improving the quality of the production is the most important problem of the workers of the dairy industry. A. I. Rovinskaya. Khar. prom. no.2 50-51 Mr-Apr '68.

International Congress of Military Physicians. D. Kuv-shinski. Tyi i snab. Sov. Voor. Sil 26 no.1 87-89 Ja '66.

Karpato-Balkanskaia geologicheskaya assotsiatsiia. S'ezd 7th. Kiev. [Materials of the 7th Congress of the Carpatho-Balkan Geological Association; reports of Soviet geologists] Materialy, doklady sovetskikh geologov. Kiev, "Naukova dumka," 1967, 366 p

Let us concentrate our attention on the unsolved problems. Prof. -lekht. obr. 24 no 7:1-2 Ji '67.

Primary organizations of scientific and technological societies and technical level of production A. M. Magazina Mashinostroi 1 no.9 43, 46 S '67.

Principal reports delivered at the 9th International Linguistic Congress B. A. Seibronnikov. Vop. iaz. 12 no 1:151-159 Ja-F '63

Problems of African studies discussed at the 25th International Congress of the Students of the Orient Vop. iaz. 10 no 3 142-143 My-Je '61

Questions on zoopsychology at the Congress of Psychologists. S. Novoselova. Doshk. vosp. 40 no.8:40-42 '67.

Our diary Nar obr no 1-63 Ja '68
Questions of moral education in the works of N. K. Krupskaya E I Rudnaya Sov pedagog. 31 no 12 18-29 D '67

Responsibilities of the young family Doshk. vosp 40 no. 8 3-5 '67

Teach them to be responsible for their actions L. Ostrovskaya Doshk. vosp. 10 no 9 53-56 '67

Truth of implication. G. I. Shushanavich, Sob. AN Gruz. SSR 47 no. 1 231-236 JI '67.

17(471 52)—Bashkir S S R

Help people in trouble! A. Akulinin Part. zhizn' no. 3 71 F '68

17(477 8)—Western Ukraine

Vinnitsa streams. I Semchenkov Part. zhizn' no 3 59 F '68.

18 01 AESTHETICS AND TASTE

Aesthetic education in the kindergarten N. Vechugina. Doshk. vosp 41 no. 1 60-63 '68.

The memories of childhood. L. Rubashkina. Doshk. vosp. 40 no 9 40-51 '67

Modern bourgeois aesthetics on the origin of art F D Blizhner Vop filoz 22 no 2 83-93 '68

Originality of truth? I. I. Vinogradov Vop filoz 22 no 2 72-82 '68

The "Rainbow" Club T. Vasilshova Prof. tekhn. obr 24 no 7 11 JI '67

A scientific conference "The revolution, the beautiful, man." N. Vechugina Doshk. vosp 40 no. 12 55-57 '67

Work and the beautiful. I. V. Molin. Shkola i prosv. 11 no 6 9-10 Fe '67

19 HISTORY OF PHILOSOPHY

Legal philosophy of law W. R. Boyer Vop filoz 22 no 2 65-71 '68

2. RELIGION

20 RELIGION IN GENERAL

The "nonreligious Christianity" of D. Bonhoeffer and his followers D. M. Ugrinovich Vop filoz 22 no 2 91-102 '68.

20(55)—Iran

Mahadeva and Dattagami, the early history of Buddhism in Persia B. A. Litvinukh. Vest. drev. ist. no 3, 88-91 JI-Ag-S '67

21 RELIGION AND SCIENCE

Forming the atheist ideology of students taking a course in astronomy. O. K. Ukhova. Uch. zap. Ped. inst. Gerts. 303 277-285 '66.

21(478)—Moldavian S S R

Attitudes of the Moldavian Orthodox Eastern Church toward science in the second half of the 19th and early 20th century. A. I. Babii Izv. AN Mold. SSR no 2 47-62 '67

215 ANTIRELIGIOUS PROPAGANDA

Atheistic education and the overcoming of religious family traditions in children Report No 1 Determining the content of religious family traditions. M. D. Shcherbenko. Nov. issl. v ped. nauk no 8 55-60 '66

[Atheistic work among religious people] Atolitscheskaya rabota s verushchimi. Bai. nau. i. Atolitskoe kn. izd., 1960. 50 p.

Give attention to religious people! L. A. Kirillova. Nach. shkola 35 no 12 53-55 D '67.

Individual work with religious children. K. P. Kindrat. Nach. shkola 35 no. 12 40-52 D '67.

Scientific atheist propaganda on collective farms Part. zhizn' no 2 61 Ja '68.

26 CHRISTIAN CHURCHES AND SECTS

Kusakov, N. "Quo vadis, domine?" The Second Vatican Council and Russian Orthodox thought! "Quo vadis, domine?" 2-of Valikanskii Sobor i Russkaya Pravoslavnaya Mya. New York, 1966. 231 p

The most important events in the life of churches and religious groups in the U. S. S. R. N. A. Teodorovich. Sob. Inst. po izuch. SSSR no 14 103-107 '67

Problem of the Molokan sectarians. V. G. Khalatnik. Uch. zap. Evr. un. 102 93-102 '66.

26(478)—Moldavian S. S. R.

Attitudes of the Moldavian Orthodox Eastern Church toward science in the second half of the 19th and early 20th century. A. I. Babii Izv. AN Mold. SSR no. 2 47-62 '67.

3. SOCIAL SCIENCES. ECONOMICS. LAW GOVERNMENT. MILITARY AND NAVAL SCIENCE. EDUCATION

30 SOCIAL SCIENCES

An important means of ideological and political training E. Zinchenko, I. Kolyanov Prof. tekhn. obr 24 no 7 5-6 II '67

Our first experiment G. Koldaev Sred. spets. obr 13 no 9 14 S '66

P. I. A. Chudakov and Russian social ideas in the first half of the 19th century Z. V. Smirnova Vop filoz 22 no 1 111-122 '68

A system of the educational work of history and social science teachers. T. M. Shishlo Uch. ist. zhur. 11 no. 10 90-93 O '67

[Talks about nature and society] Besedy o prirode i obshchestve Pod obshch. red. E. M. Babosova, G. P. Davidlika i E. S. Prokoshin Minsk, "Vysheish. shkola," 1966 254 p

30 02 CHILDREN

Be careful! The children are near. L. Rubashkina Doshk. vosp. 40 no 8 50-52 '67.

Childhood is more beautiful in contact with nature. A. Sakovich Doshk. vosp. 10 no. 9 78-83 '67.

Disasters O. Pravdina. Doshk. vosp. 10 no. 8 77-79 '67.

The dress T. Ponaeva Doshk. vosp. 40 no. 9 91 '67

Everything begins in childhood. Nach. shkola 36 no. 1 11-11 Ja '68.

Galochka who likes to count. Mikhail Plinskoy Doshk. vosp. 10 no. 9 99-100 '67

How to be happy Viktor Lundén. Doshk. vosp. 10 no 7 41-41 '67

Let this day be a happy one. N. Elgas. A. Zhiglova. Doshk. vosp. 40 no 9 71-73 '67

A letter to the editors. N. Lanata Doshk. vosp. 40 no. 9 11 '67

A problem of national importance E. Trunkina Doshk. vosp. 40 no. 9 37-38 '67.

Resourcefulness. Where are you going? Why? S. Komkova. Doshk. vosp. 40 no. 9 93-94 '67.

Vitamins in the children's diet V. Vedorashko Doshk. vosp. 40 no 8 66-71 '67

"We are parents and not teachers" A. Vinogradova Doshk. vosp. 40 no 9 57-59 '67

With the thought about undying ideals B. Anin. Doshk. vosp. 10 no. 8 43-47 '67.

30 02(52)—Japan

Holidays of Japanese children. E. Smirnova. Doshk. vosp. 41 no. 1 96 '68

30 07 YOUNG PEOPLE

Mass participation in sports and the professional skill of young athletes L. N. Nifontova. Teor. i prakt. fiz. kul't. 30 no. 8 64-67 Ag '67.

30.07(471 53)—Perm Province

Leshia Mel'nikov's bridges. V. Frantuk. Mol. komm. no. 11 78-80 '67.

30.07(477)—Ukrainian S. S. R.

To youth's heart and mind. N. Aksén Sov. profsoyuz 23 no 24 10-11 D '67

300.1 MARXISM-LENINISM

Fundamental methodological principles of the Marxist-Leninist theory of leisure time as an economic category IA Zhukovskii Vop. ekon. no 1 63-75 Ja '68

300 1(496)—European communist countries as a group

A conference of the young scholars of socialist countries. I. I. Razova Vop filoz 22 no. 2 131-134 '68

300.11 MARX AND ENGELS, THEIR WORKS

K. Marx's "Das Kapital" and czarist censorship. A. I. Orleanskii Vop. ist. KPSS 12 no 2 63-67 F '68

Karl Marx and the Russian revolutionaries. A. Konushala Kommunist 44 no 4 11-21 Mr '68

Marx and Engels about the party and modern bourgeois and revisionist historiography. E. P. Kandel Vop. ist. KPSS no 3 34-46 Mr '68

Marx and the creation of the dialectical and materialist theory of the state and law. E. L. Rozin. Sov. gos. i pravo no. 2 13-22 F '68.

Triumph of the scientific theory of communism. V. Orshin Vop. ekon. no. 1 151-154 Ja '68

300.12 LENIN, HIS WORKS

Books and life: introducing the problem of V. I. Lenin's theory of the role of books. A. V. Zapadov. Kniga: issl. i mat. 15:11-22 '67.

Eternal significance of V. I. Lenin's ideas. A. Shladovskiy Sov. iust. no. 20 6-8 O '67.

Revolutionary power of V. I. Lenin's theory of socialist legality V. Petrus Sov. iust. no 20 4-6 O '67

V. I. Lenin on the pre-revolutionary economic development of the Ukraine I. O. Huzhuk. Ukr. ist. zhur. 11 no. 10 40-51 O '67.

V. I. Lenin's military and theoretical heritage and contemporaneity. P. Trifonov. Voen.-ist. zhur. 9 no. 11:3-13 N '67.

300 2 HISTORY AND DEVELOPMENT OF MARXISM-LENINISM

Some problems in the development of dialectical materialism after the October Revolution M. B. Mitin Vop. filoz. 22 no 1 14-24 '68

300 2(476)—White Russian S S R

Development of philosophical ideas in White Russia during the Soviet regime K. P. Buslo. A. K. Mineev Vop. filoz. 22 no 1 25-33 '68

300 2(575 4)—Turkmen S S R

Development of philosophy in Turkmenistan during the Soviet regime T. Khadyrov, K. Akmuradov Vop. filoz. 22 no 2 15-25 '68

300 3 HISTORICAL MATERIALISM

Correlation between the laws of historical materialism and the rules of historical science A. I. Veitlin. P. M. Eglida Vop. filoz. 22 no 2 110-117 '68

300 44 THEORY AND TACTICS OF REVOLUTION

Dialectics of the objective and subjective in a revolutionary situation G. A. Titova, P. M. Eglida Vop. ist. KPSS no 3 108-113 Mr '68

Historical experience of the Great October Revolution A. M. Rumiantov Vop. ist. 43 no 1 7-17 Ja '68

Leninist theory of the socialist revolution IU. I. Gornachev, O. S. Korytkovskii Vop. ist. KPSS no 3 74-83 Mr '68

300 45 DICTATORSHIP OF THE PROLETARIAT

Epshteyn, I. M. [Development of the dictatorship of the proletariat into a state of all people of the U. S. S. R., a methodological textbook for students of daytime, evening, and correspondence departments taking a course in "Scientific communism"] Pereastanie gosudarstva diktaturoy proletariata v obshchenarodnoye gosudarstvo v SSSR, uchebno-metodicheskoe posobie po kursu "Nauchnyi kommunizm" dlia studentov dnevnogo, vechernego i zaocnogo otdelenii Moskva, 1967. 36 p

Organization of a network of party units in rural areas during the strengthening and consolidation of the dictatorship of the proletariat A. F. Danilevskii Vop. ist. KPSS no 3 56-65 Mr '68

300 46 SOCIALISM AND COMMUNISM

Anniversary meeting of the Academic Council of the Institute of World Economics and International Relations devoted to the 50th anniversary of the Great October Socialist Revolution. Mirov. i. ekon. i. mezhnats. otn. no. 1 120-135 '68

Civilization. A. Dubrovina. Vop. lit. 11 no 1 27-53 Ja '67.

Commodity and monetary relations and the socialist system of management. I. Astashevskii Ekon. Rad. Ukr. 9 no. 12 24-31 D '66.

On the side of communism is life's truth Doshk. vosp. 40 no. 9 3-4 '67.

Organic characteristics of creative art. I. Volkov. Vop. lit. 10 no 5 91-104 My '66.

Our common cause; some problems of our pre-revolutionary discussion. Vop. lit. 10 no. 7 3-23 JI '66.

The party calls to new achievements. Vop. lit. 10 no. 5 3-7 Mr '66.

Party membership and truth. G. Kunitayn. Vop. lit. 11 no. 6 157-169 Je '67.

Roads and crossroads. S. Mashinskii. Vop. lit. 10 no. 5 70-80 My '67.

A symposium on convergence theories IU. V. Ikonitskii. Vop. filoz. 22 no 2 130-133 '68

The victory of the Great October Revolution is the triumph of Lenin's theory of the socialist revolution K. Dubina. Komm. Ukr. 42 no. 8 10-20 Ag '67

We shall come to the victory of communism! Sov. profsoyuz 23 no. 21 1-3 N '67.

300.48(161)—New States

Scientific socialism and the liberated countries. R. Ulanovskii Kommunist 44 no 4 92-106 Mr '68

300.48 ROLE OF THE COMMUNIST PARTY

The CPSU and the development of the Soviet Armed Forces at the present stage IU. N. Artyomoshin Vop. ist. KPSS 12 no 2 3-17 F '68

Studying the activity of the CPSU in directing the military buildup P. A. Zhilin Vop. ist. KPSS 12 no. 2 18-27 F '68

300.48(471 316)—Yaroslavl Province

[Economic reform and party work] Khoztaistvennaya reforma i partiinala rabota. Yaroslavl, Verkhne-Volzhske kn. izd., 1967. 125 p.

300 48(575 1)—Uzbek S S R

The sources of our strength and power of our state
Izv. i pr. kul't. 30 no. 8 49-52 Ag '67

300 51 COMMUNIST DEMOCRACY

The broadest, the most representative, and the most just,
I. Sovetsk. Sov. gos. i pravo 24 no. 31 20-22 N '67
Socialism and industrial democracy IU E. Volkov
Vop. filoz. 22 no. 1 3-11 '68

300 582 COMMUNISM OUTSIDE THE SOVIET UNION

1. Antifascism is the world repeated by lovers Andre
Vermisov Sov. gos. i pravo 23 no. 24 18 D '67
International significance of the U.S.S.R. practice in
the building of socialism, A. Rumantsev Mir. ekon. i
mezhdunar. otn. no. 17-18 '68
The October Revolution and our time foreign periodicals
on the 50th anniversary of the Great October Revolution
I. S. A. At. Stanton, A. G. Gougeon, I. I. Pavchenko
Vop. filoz. 22 no. 2 161 174 '68

300 582(438)—Poland

The Great October Revolution and West Ukrainian regions,
I. I. Kompaniets' Ukr. ist. zhur. II no. 10 24-32 O '67

300 582(519 3)—Mongolian People's Republic

Our destinies are inseparable D. I. Adamchuk Sov.
prof. obozr. 24 no. 1 34-35 Ia '68

300 582(71)—Canada

Buck, Tim [Influence of the Great October Socialist
Revolution on the Canadian labor movement] V. I. I. I.
Velikoi Oktjabr'skoi revoliutsii na kanadskoe rabochee
dvizhenie Moskva, Politizdat, 1967 150 p. (Velikaya
sila idel Oktjabria)

Reaction to the October Revolution in Canada, P. I.
Kavchuk, Ukr. ist. zhur. II no. 10 33-39 O '67.

301 SOCIOLOGY

Discussion on precapitalist social formations formation
and structure A. I. A. G. Gougeon Vop. filoz. 22 no. 2
118 124 '68

Some methodological problems in concrete sociological
studies A. A. Vasilov Izv. AN Mold SSR no. 2 77-
85 '67

301(4/9 104)—Capitalist countries of the world

Some lessons of the development of Western sociology
N. F. Numonov Vop. filoz. 22 no. 1 54-65 '68

301(73)—United States of America

Real problems and naive illusions A. I. Popov Vop.
filoz. 22 no. 1 167-169 '68

Theory of bureaucracy and bureaucratism in the present-
day bourgeois sociology of the U.S.A., A. F. Zverev
Sov. gos. i pravo no. 2 124-128 F '68.

301 151 SOCIAL PSYCHOLOGY INSTINCT

Sociopsychological studies in sports, I. P. Volkov,
Izv. i pr. kul't. 30 no. 8 49-52 Ag '67.

31 STATISTICS

Checking the representativeness of sampling in studying
family budgets, I. Venetskii, I. Matukha Vest. stat.
no. 1 12-16 '68.

Conference of leaders of "Vestnik Statistiki" in Ufa,
V. Dmitriev, Vest. stat. no. 174-75 '68

The free-power balance of the U.S.S.R. and the efficiency
of using power resources in the national economy
S. Litvak, V. Voropaev Vest. stat. no. 1 32-41 '68.

[Ivanovo Province during 50 years; a statistical abstract]
Ivanovskaya oblast' za 50 let; statisticheskii sbornik
Ivanovo, 1967 277 p.

State statistics in 1968, Addresses by L. Volodarskii and
others Vest. stat. no. 1 3-21 '68.

The women in the U.S.S.R. Vest. stat. no. 1 82-86 '68.

31(471 2b)—Kaliningrad Province

[Kaliningradskaya oblast' v tsifrakh. [Kaliningrad]
Kaliningradskoe kn. izd., 1967, 29 p.

31(471 310)—Moscow City

[Moscow Province during 50 years; a statistical abstract]
Moskovskaya oblast' za 50 let, statisticheskii sbornik
Moskva, "Statistika," 1967 255 p.

31(471 45)—Volgograd Province

[Economy of Volgograd Province during 50 years; a sta-
tistical abstract] Narodnoe khoziaistvo Volgogradskoi
oblasti za 50 let, statisticheskii sbornik, Volgograd,
Nizhne-Volzhskoe kn. izd., 1967 282 p.

31(471 54)—Sverdlovsk Province

[Economy of Sverdlovsk Province; a statistical abstract
published on the 50th anniversary of the Great October
Socialist Revolution] Narodnoe khoziaistvo Sverdlov-
skoi oblasti; statisticheskii sbornik k 50-letii Velikoi
Oktjabr'skoi sotsialisticheskoi revoliutsii Sverdlovsk,
"Statistika," 1967, 146 p.

31(496)—European communist countries as a group

Academic conference on the exchange of practice in work-
ing out and using balances of interbranch relations in
the planning of countries participating in the Mutual
Economic Assistance Council for Eastern Europe
Stat. no. 1 70-71 '68.

31(571 15)—Altai Territory

[Economy of the Altai Territory during 50 years of Soviet
regime, a statistical abstract] Narodnoe khoziaistvo
Altai'skogo kraia za 50 let Sovetskoi vlasti, statistiche-
skii sbornik Barnaul, "Statistika," 1967 108 p.

311 STATISTICAL THEORY AND METHODS

The correlation method of analyzing the connection
between the yield of vineyards and the use of fertilizers
T. Sudov. Probl. i. ekon. Dag. no. 3 188-185 '67

Statistical analysis of the fractional composition of pe-
roleum products V. I. Fainman, Khim. i tekhn. topl.,
masel 10 no. 6 46-49 Je '65.

Statistical groupings in analyzing the influence of
fertilizers on increasing the yield of vineyards
T. Sudov. Probl. i. ekon. Dag. no. 5 175-179 '67

31(44)—France

Production indices in bourgeois statistics, O. K. Oganes-
yan Uch. zap. Evraz. un. 103 75-85 '66.

312 DEMOGRAPHY VITAL STATISTICS

Analysis of lethal outcomes in patients with fractures of
the proximal portion of the femur treated with
conservative methods V. A. Sechenovskii Ostrop.
traum. i protv. 28 no. 12 27-32 D '67

312(471 67)—Dughestan A S S R

Changes in the composition and distribution of the popu-
lation of Dughestan from 1897 to 1965 K. P.
Sergeeva Probl. i. ekon. Dag. no. 3 269-278 '67

313 STATISTICS OF MORBIDITY, DISABILITY, ETC

Characteristics of contingents served by the emergency
medical station of Moscow F. N. Grigor'eva
Trudy TSU 103 98-99 '67

Incidence of plague in foreign countries in 1961-1965 and
some problems on international quarantine in plagues
S. U. Divov, L. M. Matichuk Zhur. mikrobiol. i epid.
immun. 44 no. 11 105-109 N '67

Primary disability in diseases of a therapeutic character
T. V. Elisava Trudy TSU 103 76-83 '67

313(575 3)—Tajik S S R.

Some data on causes of death among the population of
Dushanbe M. Avazo, Trudy TSU 103 72-75 '67

32 POLITICAL SCIENCE POLITICS CURRENT AFFAIRS

Brief news Rad. pravo no. 2 112 F '68

32(495)—Greece

In defense of Greek patriots Nov. vrem. 25(i. e. 26)
no. 8 23 F '68

32(533)—Yemen

The two Yemen republics, D. Vol'skii, Nov. vrem.,
25(i. e. 26) no. 12 13-15 M '68.

32(539)—Arab countries as a bloc

The Persian Gulf states, L. Melvedko, Nov. vrem.,
25(i. e. 26) no. 11 18-20 M '68.

321 THE STATE AND SOCIETY

Against the anti-Marxist conceptions of the bourgeois
theoricians of the state and law, A. Galin, M. Kh.
Turukhlin, Sov. gos. i pravo no. 2 53-58 F '68

The alliance of workers and peasants A. K. Kurylev,
Vop. filoz. 22 no. 2 3-14 '68

Correlation between the state and law, V. Guliev, Sov.
iust. no. 24 3-5 D '67.

Epshtein, L. M. [Development of the dictatorship of the
proletariat into a state of all people of the U.S.S.R.,
a methodological textbook for students of daytime
evening, and correspondence course in "
gosudarstvo
po kursu "N
"i kommunizmu" dia studentov dne-
nogo, vechernego i zaocnogo otdelenii Moskva, 1967,
36 p.

Kokis, P. P. [Philosophical problems in P. I. Stuchka's
works] Filosofskie problemy v trudakh P. I. Stuchki
Riga, "Zinatne," 1967 237 p.

Marx and the creation of the dialectical and materialistic
theory of the state and law, E. L. Rozin, Sov. gos. i
pravo no. 2 13-22 F '68.

Society, the state, and the individual, N. Aleksandrov,
Sov. iust. no. 17 3-5 S '67.

Theory of the state and law as a branch of political sci-
ence, G. S. Ostrovskiy, Sov. gos. i pravo no. 2-23-31
F '68.

What 50 years of communist rule in the U.S.S.R. re-
veal us N. I. Galin Sov. iust. po izuch. t. 1
no. 14 5-10 '67

321(431)—German Democratic Republic

An international scientific conference in Berlin
IU P. Petrov Sov. gos. i pravo no. 2 141-143 F '67

323 INTERNAL POLITICS

An inspiring document of the party, Sov. iust. 31
1-2 Ag '67.

Recent events in the U.S.S.R., Sov. iust. po izuch. t. 1
no. 14 108-130 '67

323(433)—Federal Republic of Germany

Crisis of confidence, A. Grigoriants, Nov. vrem.,
25(i. e. 26) no. 12 18-19 M '68.

Policy of "quiet annexation" in West Berlin A. Grigori-
ants, Nov. vrem. 25(i. e. 26) no. 11 17 M '68

323(44)—France

Agreement of the left forces in France, B. Ruzhik
Nov. vrem. 25(i. e. 26) no. 11 16-17 M '68.

Political changes in France IU, Ruzhikskii, Mir. ekon. i
mezhdunar. otn. no. 1 137-139 '68

323(491 1)—Iceland

Uncertain routine of Iceland P. Kuschel Mir. ekon. i
mezhdunar. otn. no. 2 110-114 '68

323(495)—Greece

Greek tragedy G. Belkos Mir. ekon. i mezhdunar. otn.
no. 2 73-80 '68

The King's gambit, V. Chentlavskii Nov. vrem.,
25(i. e. 26) no. 11 10-13 M '68

323(51)—China

After a pause in Peking, IU, Kosiukov, Nov. vrem.,
25(i. e. 26) no. 11 14-15 M '68.

323(530)—Saudi Arabia

Double-dealing of Saudi Arabia K. Ivanov Nov. vrem.,
25(i. e. 26) no. 8 16-18 F '68

323(52)—Northeast Africa, Egypt and Sudan

Conspiracy trial in Cairo E. Primakov, Nov. vrem.,
25(i. e. 26) no. 7 11-17 F '68.

323(58)—Southern Africa (including Rhodesia)

A disgraceful verdict, V. Sidenko, Nov. vrem. 25(i. e. 26)
no. 7 18 F '68.

323 1 NATIONAL, POPULAR, RACE MOVEMENTS AND TENDENCIES

The Great October Revolution and the cultural revolu-
tion of the peoples of the U.S.S.R. M. A. Atukhina,
Izv. AN Kazakh SSR, Ser. obshchestv. n. 6 no. 6 10 14
N-D '67.

The peasant movement in the non-Russian regions of
Russia before the Reform of 1861 V. A. Fedunov, Vop.
ist. 43 no. 1 161-169 Ja '68

Struggle of the Communist Party for the unity of Russian
and Ukrainian proletarians in 1917-1920, A. F. Kuznetsov,
Ukr. ist. zhur. II no. 10 62-68 O '67.

323 15 NATIONAL MINORITIES MINORITY MOVEMENTS

Development of the laws which regulate relations among
the states and nationalities of the U.S.S.R. D. I.
Zlatopol'skii, Uch. zap. VNIISZ no. 10 200-202 '67

The October Revolution and the triumph of the federalist
nationality policy in the U.S.S.R. S. D. Miarovich,
Vest. AN Kazakh SSR 23 no. 12 8-21 N '67.

Soviet non-Russian schools during the past 50 years
N. V. Taldin, Sov. pedagog. 31 no. 12 65-73 D '67

323.15(161)—New States

Scientific socialism and the liberated countries
R. I. Ivanovskii Kommunist 44 no. 4 92-106 M '68

323.15(575 3)—Tajik S S R

Tireless participation of the sons of the Ukrainian people
in the building of the new life in Tajikistan, A. M.
Vishnevskii, Ukr. ist. zhur. II no. 10 70-78 O '67.

323 2 POLITICAL ACTION, AGITATION AND STRIFE

Elimination of the centers of the internal counterrevolu-
tion in Soviet Russia (continuation) D. L. Goltikov,
Vop. ist. 43 no. 1 133-149 Ja '68.

[From the history of class struggle in prerevolutionary
and Soviet Russia] Iz istorii klassovoi bor'by v dore-
volskionnoi i Sovetskoi Rossii, Volgograd, 1967,
168 p.

The trial of the "Tactical Center" case, D. Goltikov,
Sov. iust. 31 no. 15:15-16 Ag '67.

323 2(73)—United States of America

The "new leftist movement," V. Churanov, Mir. ekon. i
mezhdunar. otn. no. 1 94-98 '68.

323 3 SOCIAL STRATA, (INCOME) GROUPS AND CLASSES

The alliance of workers and peasants A. K. Knyazev Vop. vop. 22 no. 2-3-11 '68
Proving the technical and cultural level of the peasantry, P. Ignatovskii Pion. sel'khoz. 43 no. 11-57-63 '67
The October Revolution and the peasantry, G. Shariapov Pion. sel'khoz. 43 no. 11-16-23 '67.

323 3(474 2)—Estonian S. S. R.

Ballat, Raimo. [About Tallinn and the people of Tallinn; changes in the social composition of its population during 1871-1917] Tallinnast ja tallinnlastest, nihked elanikkonna sotsiaalses koosseisus, 1871-1917 Tallinn, "Eesti Raamat," 1966 158 p. [In Estonian]

323 3(478)—Moldavian S. S. R.

Transitional forms of the feudal exploitation of Moldavian peasants in the 18th and early 19th centuries, the status of "scutarii" V. A. Grosul, P. G. Dimitriu P. V. Sov. Izv. AN Mold. SSR no. 2-3-46 '67

323 3(495)—Greece

Byzantine laws of the 14th century on the peasantry (according to Ammonopolis) and their reflection in contemporary documents V. A. Smirnov Uch. zap. Pech. gos. un. no. 143-98-109 '66

323 3(56)—Near East

Forms of the dependence of the rural population in Asia Minor in the 3d-1st centuries B.C. T. S. Golubtsova Vest. drev. ist. no. 7-25-14 JI-18-5 '67

323 33 FARM WORKERS (LABORERS)

Problems of using the village labor resources V. Chernakov Vop. ekon. no. 1-10-19 Ja '68

323 33(471 62)—Kraevedu Territory

The collective farmer returns from work I. U. Faltov Sov. profsoyuz. 23 no. 2-1-11 D '67

323 33(478)—Moldavian S. S. R.

The statute and life A. Tautchi Sov. profsoyuz. 21 no. 1-16-17 Ja '68

323 33(575 1)—Uzbek S. S. R.

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324(480)—Finland

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324(575.1)—Uzbek S. S. R.

Uzbek S. S. R. Laws, statutes, etc. [Statute on elections to province, district, city, settlement, village, and autonomous workers' deputies of the Uzbek S. S. R. Adopted by decree of the Presidium of the Supreme Soviet of the Uzbek S. S. R., October 7, 1950. With amendments introduced by decrees of the Presidium of the Supreme Soviet of the Uzbek S. S. R., December 21, 1954, December 10, 1958, January 6, 1959, January 12, 1963, and October 31, 1966] Polozhenie o vyborakh v oblasnye, rayonnye, gosodskoe, poselkovoye, sel'skie i aul'nye Sovety deputatov trudiashchikh-sia Uzbekskoi SSR Ulverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Uzbekskoi SSR ot 7 oktyabrya 1950 g. s izmeneniyami, vnosenymi Ukazami Prezidiuma Verkhovnogo Soveta Uzbekskoi SSR ot 21 dekabrya 1954 g., 10 dekabrya 1958, 6 yanvarya 1959 g., 12 yanvarya 1963 g., 131 oktyabrya 1966 g. Tashkent, "Uzbekistan," 1966. 31 p.

324(73)—United States of America

Primary elections in the U. S. A. K. Tamarin Mir. ekon. i mezhdunar. otn. no. 2-130-131 '68

325 MIGRATION, COLONIZATION, COLONIAL POLICY

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The Great October Socialist Revolution and the liberation of the oppressed peoples, A. E. Frenov, V. A. Kim, Izv. AN Kazakh. SSR, Ser. obshchestv. 5 no. 6:3-9 N-D '67.

325(41)—United Kingdom and Northern Ireland

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326 SLAVERY. SERFDOM

326(479 24)—Azerbaijan S. S. R.

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International notes, Nov. vrem. 25(i.e. 26) no. 11-21-25 Mr '68.

International notes, Nov. vrem. 25(i.e. 26) no. 12-22-23 Mr '68.

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Letters to the editor, Nov. vrem. 25(i.e. 26) no. 12-12 Mr '68.

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327(41)—United Kingdom and Northern Ireland

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327(47)—Union of Soviet Socialist Republics (U. S. S. R.)

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327(497.2)—Bulgaria

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327(574)—Kazakh S. S. R.

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327(591)—Burma

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327(6)—Africa

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327(7)—North America

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327(73)—United States of America

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329 01 COMMUNIST PARTY OF THE SOVIET UNION

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The great accord, Tyi. snab. Sov. Vost. Sil. 26 no. 6-3-1 Je '66.

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Landmarks for repairmen, Tekh. i vopr. 25 no. 8-1-4 Ag '66.

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Persist in raising combat readiness of the military medical service, Voen.-med. zhur. no. 12-1-7 D '67.

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329. 01(471 11)—Archangel Province

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330 19 (Continued)

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330 19(437)—Czechoslovakia

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330 19(471 316)—Yaroslavl Province

[Economic reform and party work] Khoz. i sotsialna reforma i putina rabota. Ia. oslavl', Veikhne-Volzhskoe kn. izd., 1967 125 p

330 19(471 46)—Astrakhan Province

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330 19(477)—Ukrainian S. S. R.

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330 19(574)—Kazakh S. S. R.

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330 19(575 1)—Uzbek S. S. R.

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330 2 ORGANIZATION AND COOPERATION IN THE ECONOMIC SPHERE REORGANIZATION, REFORM, ETC.

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330 2(177)—Underdeveloped and underdeveloped areas

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330 2(4/9 103)—Communist countries of the world

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330 2(47)—Union of Soviet Socialist Republics (U. S. S. R.)

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330 2(496)—European communist countries as a group

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330 2(530)—Arab countries as a bloc

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330 2(574)—Kazakh S. S. R.

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330 2(575 1)—Uzbek S. S. R.

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330 2(581)—Afghanistan

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330 2(587)—Equatorial, South Central and East Africa

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331(479 25)—Armenian S. S. R.

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331(575 1)—Uzbek S. S. R.

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331(597 7)—North Vietnam

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331(8)—South America

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331 2(471 67)—Daghestan A. S. S. R.

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331 8(479 25)—Armenian S.S.R.
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331 8(571 64)—Sakhalin Province
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331 881(471 45)—Volgograd Province
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331 881(474 2)—Estonian S.S.R.
Kuuli, Oja, Aho Lichman, and Harald Saarmit. (For the workers' state, struggle of the Estonian trade unions during 1918-1940) Tooraba riigi eest, Eesti ametühingute võitlust aastail 1918-1940 Tallinn, "Testi Raamat," 1967, 451 p. [In Estonian]

331 881(476)—White Russian S.S.R.
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331 881(478)—Moldavian S.S.R.
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331 881(519 3)—Mongolian People's Republic
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331 881(571 53)—Irkutsk Province
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331 97 INCENTIVES DECORATIONS, BONUSES, ETC.
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Economic reform and the problems of material incentives. S. S. Karinsku, Uch. zap VNIISZ no 10 88-91 '67.

Formation and use of the incentive funds V. M. Muratkhodzhayev Ekon i zhizn' no 11 68-71 '67.

High awards oblige K. A. Sokolov, Kozh-obuv, prom, 8 no 9 4-7 S '66.

Holder of three Orders of Glory. S. Yushin, Part. zhuzn' no 3 68-70 P '68

Legal regulation of bonuses paid from the fund of material incentives IE. Hrytsenko Rad pravo no 2 58-62 '68

For's respond to high awards P. Yushin, Part. zhuzn' no 3 68-70 P '68

Material incentives for workers and employees. I. K. T. Khudorian Sov profsoyuzy 24 no 16-8 Ja '68

Memorial flags in honor of the first anniversary of the first conference of the Soviet Union, Khark. 141 no 11 4-5 D '66

The Motherland honors the laborer. Khark. 141 no 11 4-5 D '66

Recipients of high awards. I. K. T. Khudorian Sov profsoyuzy 24 no 16-8 Ja '68

Recommending memorial banners of the USSR to the USSR Profsoyuzy 24 no 161-62 Ja '68

Winners of state prizes for 1968 for the construction and opening of the Soviet Union. Khark. 141 no 11 4-5 D '66

Workers of the food industry. V. Moshchay Sov profsoyuzy 23 no 2136-37 D '67

Providing material incentives for workers. V. Moshchay Sov profsoyuzy 23 no 2136-37 D '67

331 97(471 17)—Volgograd Province

The work arrangement bonus. V. Moshchay Sov profsoyuzy 23 no 2136-37 D '67

332 PRIVATE FINANCE

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332.5(73) United States of America
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Economic methods of British neo-colonialism. M. A. T. Khudorian Sov profsoyuzy 24 no 16-8 Ja '68

332.6(40) European capitalism
Oil companies of the U.S.A. and England in the non-Market countries. I. M. Rozhnova, 1914 (1) no 14 69-117 '67.

332.6(465) Sweden
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332.6(68) Southern Africa (including Rhodesia)
Rosa of the Rhodesian tragedy. A. T. Khudorian Sov profsoyuzy 24 no 16-8 Ja '68

332.7 CREDIT

Detkova, M. P. [Issuing credit to service industry enterprises] Kreditovanie predpriyatii bytovogo obsluzhivaniia Moskva, "Legkaiia industriia," 1967 99 p

332.7(177)—Underdeveloped and underdeveloped areas

Problem of the foreign debt of developing countries, M. Mironov, S. N. Zhurav Vnesh. toig. 18 no. 2 17-19 '68.

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Methods of calculating the efficiency of foreign trade taking into account the influence of credit, S. Zakharov, G. Shagalov Vop. ekon. no. 2 76-86 F '68.

333 LAND AND PROPERTY REAL ESTATE

Absolute rent two M. Meshchankovskii Mir. ekon. i mezhdunar. otn. no. 2 116-122 '68.
Compensation payments to the tenants of land, IU, Zhariiov, Sov. iust. 31 no. 16; 12-13 Ag '67.
Joint session of lawyers and students of agrarian problems devoted to the 50th anniversary of the Great October Revolution O. A. Kichatova Sov. gos. i pravo no. 2 140-141 F '68.

333(4/9 104)—Capitalist countries of the world

Scientific and technological revolution and absolute rent II Muller Mir. ekon. i mezhdunar. otn. no. 2 123-127 '68.

333(4)—Europe

New epigraphic data on land tenure in the Roman colony of Gange, N. N. Belova Uch. zap. Perm. gos. un. no. 143 81-85 '66.

333(430)—Germany

German feudal laws of the 14th-16th centuries on the alienation of peasant tenements V. E. Maier, Uch. zap. Perm. gos. un. no. 143 103-111 '66.

333(44)—France

The agrarian laws of France B. P. Kuznetsov, Sov. gos. i pravo no. 2 119-121 F '68.

333(471 332)—Smolensk Province

Budaev, D. I. [The reform of peasant land tenure in the Smolensk Government in 1861, the problem of carrying out the "Regulations of February 19"] Krest'ianskaia reforma 1861 goda v Smolenskoii gubernii, k voprosu o realizatsii "Polozhenii 19 fevralia" Smolensk, 1967. 292 p

333(477)—Ukrainian S. S. R.

Land assessment V. Motozov Ekon. Rad. Ukr. 10 no. 7 71-72 JI '67.

333(479)—Caucasus and Transcaucasia

Reactionary nature of the prerevolutionary agrarian law of May 4, 1900 I. M. Gassanov, Izv. AN Azerb. SSR Ser. iust. filol. i pravo no. 1 78-37 '67.

333(574)—Kazakh S. S. R.

The Great October Revolution and the solution of the land question in Kazakhstan, A. Drenov, Vest. AN Kazakh. SSR 23 no. 10; 3-10 O '67.

333(575)—Central Asia

Novikov, M. P. [Struggle of the Communist Party of Turkistan for the solution of the agrarian problem and the restoration of cotton growing, 1921-1924] Bor'ba Kompartii Turkistana za razreshenie zemel'nogo voprosa i vosstanovlenie khlopkovodstva, 1921-1924 gg. Tashkent, "Fan," 1966 141 p.

333(575.1)—Uzbek S. S. R.

Water means life! D. Kucherenko Ekon. i zhizn' 9 no. 10 16-52 '67.

333.1 PUBLIC PROPERTY

For an effective reparation for loss caused to socialist property, L. Krakhmal'nik, Sov. iust. 31 no. 16; 19-20 Ag '67.

Problems of developing socialist property M. Panchenko, L. Fedoryashcheva Ekon. Rad. Ukr. 10 no. 7 91-93 JI '67.

We should observe the laws on liability for loss caused to the field crops of collective and state farms by farm animals, N. Syrodoev, Sov. iust. no. 17 12-13 S '67.

334 COOPERATIVE MOVEMENT AND COOPERATIVES

We should prevent the pilfering of the consumer cooperatives' property Sh. Adzinov, Sov. iust. 31 no. 13; 14-15 Je '67.

335 SOCIALIST SOCIALIST SYSTEMS

Compass of life I. Malchanov Grazhd. av. 24 no. 10 12-13 O '67.

A conversation worth continuing, V. Ozerov, Vop. lit. 10 no. 6 49-52 Je '66.

A great aim, T. Chelnova, Grazhd. av. 24 no. 10 12-13 O '67.

The main problem B. Suchkov, Vop. lit. 10 no. 6 7-11 Je '66.

Time, the real and the romantic T. Motyleva, Vop. lit. 10 no. 6 107-123 Je '66.

To the Soviet people and all workers of the Union of Soviet Socialist Republics "Koren' zhizn'" no. 11 2-5 '67.

336 PUBLIC FINANCE

Becoming equal with the foremost people I. Ol'nev Tyl i snab. Sov. Voor. Sil. 26 no. 2 58-59 F '66.

Economical management is a creative business M. Novikov, V. Konstantinov Tyl i snab. Sov. Voor. Sil. 26 no. 2 14-18 F '66.

Economy is the law of socialist management S. Golota Tyl i snab. Sov. Voor. Sil. 26 no. 2 8-13 F '66.

Equipment loves cautious people, articles in military newspapers Tyl i snab. Sov. Voor. Sil. 26 no. 2 62-63 S '66.

[50 years of Soviet finance] 50 let sovetskikh finansov. Moskva, "Finansy," 1967. 349 p.

Innovators are discovering resources for economy, A. Zhitvin Tyl i snab. Sov. Voor. Sil. 26 no. 2 61-62 S '66.

Landmarks for repairmen Tekh. i vopr. 25 no. 1 1-1 Ag '66.

Let the little light burn! Excerpts from letters Tyl i snab. Sov. Voor. Sil. 26 no. 2 59-62 Ag '66.

Make better use of material and financial resources, V. Duto Tyl i snab. Sov. Voor. Sil. 26 no. 2 18-11 Ja '66.

Military economy and supplies of the Red Army from 1918 to 1922 V. Vyatkinskii Tyl i snab. Sov. Voor. Sil. 26 no. 6 11-17 Je '66.

More creativity and initiative II. Savchenko, Tyl i snab. Sov. Voor. Sil. 26 no. 2 57-60 S '67.

Stimulate thrift, P. Borjak, A. Selin, Tyl i snab. Sov. Voor. Sil. 26 no. 2 48-50 Ag '66.

We are all responsible for public property, I. Irgiamian, Tyl i snab. Sov. Voor. Sil. 26 no. 2 10-11 Ag '65.

Yet another potential for economy I. Gvozdev, V. Sedel'nikov Tyl i snab. Sov. Voor. Sil. 26 no. 2 86 F '66.

336.1 STATE WEALTH AND REVENUE BUDGET

Garbuzov, V. E. [The state budget of the U. S. S. R. for 1968 and carrying out of its budget for 1966, report and closing address at the third session of the Seventh Supreme Soviet of the U. S. S. R., October 10 and 12, 1967. Law on the state budget of the U. S. S. R. for 1968. Decision of the Supreme Soviet of the U. S. S. R. approving the report on carrying out the state budget of the U. S. S. R. for 1966] O gosudarstvennom budzhete SSSR na 1968 god i ob ispolnenii gosudarstvennogo budzheta SSSR za 1966 god; doklad i zakhiuchitel'nye slova na tre't'ei sessii Verkhovnogo Soveta SSSR sed'mogo sozyva 10 i 12 oktiabria 1967 goda. Zakon Soyuza Sovetskikh Sotsialisticheskikh Respublik o gosudarstvennom budzhete SSSR na 1968 god. Postanovlenie Verkhovnogo Soveta SSSR ob utverzhdenii otcheta ob ispolnenii gosudarstvennogo budzheta SSSR za 1966 god Moskva, Politizdat, 1967. 36 p.

336.1(471 67)—Daghestan A. S. S. R.

Daghestan budget after the victory of the Soviet regime II A. Koriev Probl. raz. ekon. Dag. no. 2 229-236 '67.

336.1(477)—Ukrainian S. S. R.

Role of Soviet budget in improving national welfare S. I. Demchenko, M. Oleksienko Ekon. Rad. Ukr. 10 no. 7 71-72 JI '67.

336.2 TAXES

Privileges in taxation, M. Parshin, Tyl i snab. Sov. Voor. Sil. 26 no. 2 88 F '66.

337 CUSTOMS

Customs system of the U. S. S. R., S. Dmitriev, Vnesh. toig. 48 no. 1 10-19 '68.

Customs war, or customs disarmament? I. Blumulen, Vnesh. toig. 48 no. 2 21-25 '68.

338 PRODUCTION, CREATION OF WEALTH, ECONOMIC SITUATION

Economic problems of the group production of forgings, M. E. Gurevich, Kuz. shtam. proizv. 9 no. 12 36-40 D '67.

Fifty heroic years Ekon. i zhizn' 9 no. 10 4-5 '67.

Inspiring results and bright prospects, Sov. profsoyuz 23 no. 2 42-3 D '67.

[Ivanovo Province during 50 years; a statistical abstract] Ivanovskaia oblast' za 50 let; statisticheskii sbornik. Ivanovo, 1967 277 p.

People, the toilers, people, the creators, Komm. Ukr. 42 no. 8 3-9 Ag '67.

Production indices in bourgeois statistics, O. K. Oganesian, Uch. zap. Drev. un. 103 75-86 '66.

Quality and the economics of an enterprise, S. Poliakova, Sov. profsoyuz 23 no. 2 47-19 D '67.

Widespread application of the experience will help us to go forward Part. zhizn' no. 2 3-7 Ja '68.

Years of struggle and victories Komm. Ukr. 42 no. 8 35-40 Ag '67.

338(436)—Austria

Basic changes in the economy and foreign trade of Austria L. V. Sabel'nikov, BIKI [Prilozh.] no. 11 15-43 '67.

338(460)—Portugal

The economy of Portugal contradictions of development I. V. Vechinapin Mir. ekon. i mezhdunar. otn. no. 2 100-105 '68.

338(471 26)—Kaliningrad Province

[Kaliningrad Province in figures] Kaliningradskaia oblast' v tsifrakh [Kaliningrad] Kaliningradskaia kn. izd., 1967. 29 p.

338(471 310)—Moscow City

[Moscow Province during 50 years; a statistical abstract] Moskovskaya oblast' za 50 let, statisticheskii sbornik Moskva, "Statistika," 1967 255 p.

338(471 316)—Yaroslavl Province

[Biography of my region] Biografiia kraia mogo "Iaroslavl", Verkhne-Volzhskaia kn. izd., 1967 558 p.

338(471 341)—Gorky Province

[Years of great building, 1917-1967, developing the economy and culture in Gorky Province] Gody velikogo stroitel'stva, 1917-1967, razvitiie narodnogo khoziaistva i kul'tury v Gorkovskoi oblasti Gorkii, Volgo-Viat'skoe kn. izd., 1967. 494 p.

338(471 41)—Tatar A. S. S. R.

Man's prospects and the fields, R. Behaev Mol. komm. no. 11 81-87 '67.

338(471 45)—Volgograd Province

[Economy of Volgograd Province during 50 years; a statistical abstract] Narodnoe khoziaistvo Volgogradskoi oblasti za 50 let, statisticheskii sbornik Volgograd, Nizhne-Volzhskaia kn. izd., 1967 262 p.

Gundyrin, P. A. [There is a cliff on the Volga] Est' na Volge utes. Volgograd, Nizhne-Volzhskaia kn. izd., 1967 213 p.

338(471 54)—Sverdlovsk Province

[Economy of Sverdlovsk Province; a statistical abstract published on the 50th anniversary of the Great October Socialist Revolution] Narodnoe khoziaistvo Sverdlovskoi oblasti; statisticheskii sbornik K 50-letii Velikoi Oktjabr'skoi sotsialisticheskoi revoliutsii. Sverdlovsk, "Statistika," 1967. 146 p.

338(476)—White Russian S. S. R.

Navitski, Ul. [Soviet White Russia today and tomorrow] Savetskaiia Belarus' sennia i zautra. Minsk, 1966. 50 p. (Biblioteka gazety "Nolas Radzimy")

The party organization and the production plan of industrial enterprises, V. Pavlukevich, Part. zhizn' no. 3 26-35 F '68.

338(477)—Ukrainian S. S. R.

Encyclopedia of the national economy of the Ukrainian S. S. R., O. Lyysiuk Ekon. Rad. Ukr. 10 no. 7 95-96 JI '67.

Under the banner of communism, Ukr. ist. zhur. 11 no. 10 3-11 O '67.

338(477 6)—Donets Basin

[Gorkovka; biography of the city] Gorkovka; biografiia goroda Donetsk, "Donbass," 1967. 159 p.

338(477 8)—Western Ukraine

A conference on the subject "The Great October Revolution and Teinopol' Province," M. I. Bel, Ukr. ist. zhur. 11 no. 10 154-155 O '67.

338(477 9)—Crimea

[Years of struggle and victories] Gody bor'by i pobed. [Simferopol'] "Krym," 1967. 557 p.

338(478)—Moldavian S. S. R.

In honor of a significant date, Part. zhizn' no. 2 46 Ja '68.

338(496)—European communist countries as a group

Transport and the international socialist division of labor, B. Gorizontov, Vop. ekon. no. 1 74-81 Ja '68.

338(52)—Japan

Our neighbor Japan, V. Zorin, Nov. vrem. 26 [i. e. 26] no. 7 27-30 F '68.

338 9(471 52)—Bishkek A S R
Selfless labor of the Tsimmermantsestov Collective
R. Sh Kudashov. Str. tr. 12 no. 10 11 O '67

338 9(375 1)—Uzbek S S R

Zinadillaev, S K [Industry of Uzbekistan and basic economic problems of its development] Promyshlennost' Uzbekistana i osnovnye ekonomicheskie problemy ee razvitiya. Tashkent, "Fan," 1967. 329 p

338 9(73)—United States of America

Atlas "Me and Mo": The western part of the U. S. A. M. Polovitskaya. Mu. ekon. i. m. d. 10 no. 1 96-104 '68

338 91 CAPITAL LABOR RAW MATERIALS NATURAL ENERGY

Accumulation of capital and the condition of the proletariat. L. Shalashina. Nauch. dokl. v. shkol. 10 no. 12 86-95 '67.

338 91(477)—Ukrainian S S R

Improving the efficiency of using capital assets is an important potentiality of the industry. P. Kon. Rad. Ukr. 10 no. 7 36-37 '67

338 98 ECONOMIC PLANNING AND CONTROL

338 98(4/9 104)—Capitalist countries of the world

Regulation and programming of the capitalist economy, essence, methods, and contradictions. L. Altsh. Mu. ekon. i. m. d. 10 no. 1 11-52 '68

339 DISTRIBUTION, CONSUMPTION OF WEALTH OR GOODS, STANDARD OF LIVING, ETC

Advantages of socialism. N. Butskov, I. Smirnov. Nov. v. 25 [1. 26] no. 12 3-6 '68

Checking the representativeness of sampling in studying family budgets. I. Ventskiy, I. Matukha. Vest. stat. 1 42-48 '68

Distribution according to work. Public consumption funds. A. I. Tatin, V. N. Semenov, G. V. Donskiy. Str. tr. 11 no. 12 30-31 '67

High quality goods are needed for the population. M. Savitskiy. Part. zh. 10 no. 2 11-16 '68

Material bases of improving the living standards of the Soviet people. G. Kutyrev. Nauch. dokl. v. shkol. 10 no. 12 8-9 '67

Uplurge of the material welfare of village toilers. I. Matukha. Ekon. sel. khoz. 11 no. 11 50-56 '67.

339(471 310)—Moscow City

Center of socialist industry. Vitali Moev, G. Khaz, M. Sk. 41 no. 10:36-37 O '67.

339(471 54)—Sverdlovsk Province

Public consumption funds and the living standards of the population. D. Stukhlin, M. Khverson, Nauch. dokl. v. shkol. 10 no. 12 28-39 '67.

339(477)—Ukrainian S S R

[Supply the workers with quality goods] Trudilashchym - dobroit tovary. L'viv, "Kamensk," 1965. 97 p

339(400)—European communist countries as a group

Growth of workers' material welfare and cultural level in the European socialist countries, members of the Council. N. Stolpov. Vop. ekon. 11 117-127 '68

339(574)—Kazakh S S R

Everything for the benefit of the working people. B. Bul'trikova. Nat. khoz. Kazakh. 25 no. 10:70-73 N '67.

34 JURISPRUDENCE. LAW. LEGISLATION

The art of forensic oratory. V. Vulf. Sots. zakon. 10 no. 7:56-59 '67

Conferences of our readers. Sov. iust. 31 no. 16:21 '67

The 50th anniversary of the "Iuridicheskaya literatura" Publishing House. V. Avilim. Sov. iust. no. 24 1-2 '67.

Historical experience of the October Revolution and Soviet laws. F. Kalbychev, E. Kuz'min. Sov. iust. 31 no. 15:3-5 Ag '67.

The individual, interests, and law. IU. Zaymalov. Sov. iust. 31 no. 15:6-7 Ag '67.

Intelligentsia prepare for the anniversary. Sov. iust. 31 no. 16 7-8 Ag '67

The language of legal documents. M. Maksimov. Sov. iust. 31 no. 10 15-16 Ag '67

Legal periodicals and their readers. Sots. zakon. 10 no. 1 55 '67

New legal literature in the U. S. S. R. Sov. gos. i. pravo. 10 no. 2 151-157 '68

Preparing for the anniversary. Sov. iust. no. 17:7-8 '67.

A theoretical and practical conference of the lawyers practicing in the R. S. F. S. R. A. Polat. Sov. iust. no. 17 3-6 '67

340 LAW IN GENERAL COMPARATIVE LAW

Against the anti-Marxist conceptions of the bourgeois theoreticians of the state and law. A. Galin, M. I. Tazukhin. Sov. gos. i. pravo. 10 no. 2 51-58 '68

Correlation between the state and the law. A. Galin. Sov. iust. no. 24 3-5 '67.

Difficulties in the legal priority of the laws of the U. S. S. R. A. V. Mitkevich. Uch. zap. VNIISZ. no. 10 167-169 '67

The form of Soviet law according to the Constitution of the U. S. S. R. of 1946. A. I. Shchegolev. Uch. zap. VNIISZ. no. 10 193-197 '67

A methodological counsel for disseminating the knowledge of law. I. Rukhman. Sov. iust. no. 24 24-25 '67

Priority of the state and law as a branch of political science. G. S. Ostapenko. Sov. gos. i. pravo. 10 no. 2 9-11 '68

Ways of exercising the norms of socialist law. M. I. Gritsh. Sov. gos. i. pravo. 10 no. 2 190-191 '68.

We should develop our mutual contacts. Th. Shornin. Sov. iust. 31 no. 16 8-9 Ag '67

340 6 FORENSIC MEDICINE AND CHEMISTRY MEDICAL JURISPRUDENCE

Evaluating data of the forensic medical examination of cadavers of supposedly drowned persons who in fact were murdered. I. K. Khokhe. Uch. zap. Perm. gos. un. no. 150 197-208 '66

Latency of medical institutions for the wrong methods of treatment. L. Matukha. Sov. iust. 31 no. 16 12-13 Ag '67

Some problems in forensic medical examination of cadavers recovered from water. B. S. Kasatkina. Uch. zap. Perm. gos. un. no. 150 185-196 '66

340 96 TRIALS, LAWSUITS AND ACTIONS

Ancillary actions of socialist organizations. G. N. N. N. Sov. gos. i. pravo. 10 no. 2 71-75 '68

Ginzburg, Aleksandr, comp. [The white book of the trial of A. Sinlavskiy and I. U. Daniel]. Belaya kniga po delu A. Sinlavskogo i I. U. Danielia. [Frankfurt am Main] Posev, 1967. 430 p

310 96(477)—Ukrainian S S R

Decisions of the Supreme Court of the Ukrainian S. S. R. Rad. pravo. no. 2 103-108 '68

341 INTERNATIONAL LAW

Decision No. 5 of the plenary session of the Supreme Court of the U. S. S. R. of May 30, 1967. Sov. iust. 31 no. 15 28-29 Ag '67.

A session of the Institute of International Law. G. I. Tunkin. Sov. gos. i. pravo. 10 no. 2 112 '68

311 1 WORLD ORGANIZATION REGIONAL UNIONS, ETC

The admission of Rumania into the United Nations. M. A. Muntian. Izv. AN Mold. SSR no. 2 86-96 '67

Role of economic collaboration in the progressive change in the structure of mutual relations of the member countries of the Mutual Economic Assistance Council. V. A. Pichakov. Izv. v. shkol. 10 no. 11:115 '67

341 2 INTERNATIONAL RELATIONS AND TREATIES

Nonproliferation and peace. N. Nikolaev. Nov. v. 25 [1. 26] no. 8 19-20 '68

Plan for saving NATO. IU. Shvedkov. Nov. v. 25 [1. 26] no. 11 6-8 '68

We must control the forces of aggression and war. Nov. v. 25 [1. 26] no. 11 2-2 '68

341 2(4 0)—European capitalist countries

The European Convention on Human Rights; a myth and reality. N. V. Zakharova. Sov. gos. i. pravo. 10 no. 2 59-64 '68.

341 2(477)—Ukrainian S S R

Special missions in the diplomatic practice of the Ukrainian S. S. R. K. Sandrovskiy. Rad. pravo. no. 2 91-98 '68

341 2(498)—Rumania

The admission of Rumania into the United Nations. M. A. Muntian. Izv. AN Mold. SSR no. 2 86-96 '67

342 PUBLIC LAW CONSTITUTIONAL LAW

The Constitution of the U. S. S. R. and some problems concerning the development of civil law. R. G. Kuznetsov. Uch. zap. VNIISZ. no. 10 211-220 '67

Constitutional principle of the equality of men and women in the U. S. S. R. V. L. Bul'shar. Uch. zap. VNIISZ. no. 10:220-223 '67

Constitutional problems in the amendment of the laws on local soviets. N. A. Mikhaleva. Uch. zap. VNIISZ. no. 10:208-211 '67

Constitutional problems relating to improvement of the system of the organs of central government in the U. S. S. R. and the Union Republics. V. S. Pronina. Uch. zap. VNIISZ. no. 10:202-205 '67.

Development of the U. S. S. R. which regulate relations among the states and nationalisms of the U. S. S. R. D. I. Zlatopolskiy. Uch. zap. VNIISZ. no. 10 200-207 '68

Difficulties in the legal priority of the laws of the U. S. S. R. A. V. Mitkevich. Uch. zap. VNIISZ. no. 10 167-169 '67

The form of Soviet law according to the Constitution of the U. S. S. R. of 1946. A. I. Shchegolev. Uch. zap. VNIISZ. no. 10 193-197 '67

Improving the legal status of minorities in the Union Republics. V. I. Shaburov. Sov. gos. i. pravo. 10 no. 2 63-70 '68

International rights of citizens of the Soviet Constitution. B. S. Galin. Uch. zap. VNIISZ. no. 10 193-194 '67

The rights were proclaimed and obtained. G. Kuznetsov. Sov. iust. no. 20 8-10 O '67

Society, the state, and the individual. B. Alek. sandrov. Sov. iust. no. 17 4-5 '67

Some problems in the amendment of laws on the organs of central and local government. M. G. Kuznetsov. Uch. zap. VNIISZ. no. 10 221-226 '67

The 10th anniversary of the Constitution of socialism. Socialism. I. I. Luridson. Uch. zap. VNIISZ. no. 10 173-182 '67

312(431)—German Democratic Republic

New Constitution of the German Democratic Republic. V. Chernyshev. Nov. v. 25 [1. 26] no. 8 8-9 '68

342(496)—European communist countries as a group

International significance of the Soviet Constitution. B. S. Galin. Uch. zap. VNIISZ. no. 10 193-194 '67

342 7 CIVIL RIGHTS

How criminal laws protect the basic rights of Soviet citizens. V. N. Ivanov. Uch. zap. VNIISZ. no. 10 212-211 '67

Inalienable rights of each Soviet citizen. I. Voevodin. Sov. iust. 31 no. 16 3-6 Ag '67

The rights of women according to Soviet law. Rad. pravo. no. 2 13-15 '68

342 7(4 0)—European capitalist countries

The European Convention on Human Rights; a myth and reality. N. V. Zakharova. Sov. gos. i. pravo. 10 no. 2 59-64 '68.

343 CRIMINAL LAW

Answering our readers' questions. Sov. iust. no. 21 16, 29 '67

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343(4/9 103)—Communist countries of the world

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343(433)—Federal Republic of Germany

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343(439)—Hungary

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343(574)—Kazakh S S R

Commentaries to the code of criminal laws of the Kazakh S S R. Kommentarii k Uголовnomu kodeksu Kazakhskoi SSR. Pod red. V. N. Markelova. G. F. Polonova. Alma-Ata, "Kazakhstan," 1966. 616 p.

343(575 3)—Tajik S S R

Tajik S S R Laws, statutes, etc. [The criminal procedure code of the Tajik S S R. With amendments as of October 1, 1966]. Uголовno-protsessual'nyi kodeks Tadzhikskoi SSR s izmeneniami i dopolneniami po sostoiianiu na 1 oktjabria 1966 goda. Dushanbe, 1966. 278 p.

343 8 PENOLOGY CRIME PREVENTION AND DETERRENTS

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Decree of the Presidium of the Supreme Soviet of the U. S. S. R. of June 3, 1967. Sov. iust. 31 no. 13-17 Je '67.
Development of an educational collective in corrective labor colonies. Report No. 1. Concept of a guided educational collective and its place in the educational process of Soviet corrective and labor colonies of the Ministry for the Protection of Public Order. V. F. Kiliukin. Nov. issled. i ped. nauk no. 8-67-74 '66.
Judicial examination of problems concerning the preterm discharge of convicted delinquents and the change of penalty to a lesser punishment on the motion of the public. Dzh. A. Aliev. Izv. AN Azerb SSR Ser. Ist., filos. i pravo no. 1105-112 '67.
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Preterm release from corrective labor. L. Borisov. Sov. iust. no. 20-26-22 O '67.
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Studying the effectiveness of disciplinary penalties and socially controlled rehabilitation. A. T. Barabash. Sov. gos. i pravo no. 2-101-108 '68.
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343(474 3)—Latvian S S R

L. A. and L. A. Bergere. [Minors and a study of the effectiveness of criminal law on the materials of the Latvian S S R.] nolotnie i ugovolnyi zakon, issledovanie efektivnosti ugovolnogo nakazaniia po materialam Latv. Pod red. G. I. A. Klaty. Riga, "Zinatne,"

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traz (continuation). Thomas E. Gad- no. 15-30-32 Ag '67.

The prisoner of Alcatraz (continuation). Thomas E. Gaddis. Sov. iust. 31 no. 16-20-31 Ag '67.
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Daily accounting records help in the struggle against crime. N. Skvortsov. Sots. zakon no. 7-45-46 II '67.
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Effectiveness of measures for the prevention of pilfering of socialist property. A. Rekhunov, S. Sitola. Sots. zakon no. 7-50-52 II '67.
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Studying the cultural level of criminals. M. I. Koval'ev. Sov. gos. i pravo no. 2-90-92 F '68.
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Tireless quests. A. Laptev. Sots. zakon no. 7-64-66 II '67.
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343 9(474 3)—Latvian S S R

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343 9(73)—United States of America

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343 915 JUVENILE DELINQUENCY

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343 915(474 3)—Latvian S S R

Kliuchinskai, L. A., and L. A. Bergere. [Minors and criminal law; a study of the effectiveness of criminal penalties based on the materials of the Latvian S S R.] Nesovershennoletnie i ugovolnyi zakon, issledovanie effektivnosti ugovolnogo nakazaniia po materialam Latv. 1967. 182 p.

343 977 CRIMINAL INVESTIGATION

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Investigation of the embezzlement of money committed by overstating the extent and cost of lumbering operations. I. A. Moiseenko. Uch. zap. Perm gos un. no. 150-169-177 '66.
Some procedural and tactical characteristics of the identification of criminals by the injured party or a witness. V. E. Goidcev. Uch. zap. Perm gos un. no. 150-209-215 '66.
Successful investigation of a criminal offense. I. Shokhov. Sov. iust. 31 no. 21-51-53 F '68.
System of the theory of criminal investigation and the place assigned to the methodology of the investigation of special categories of criminal offenses. E. G. Mal'isev. Uch. zap. Perm gos. un. no. 150-135-154 '68.
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Urgent and original acts in criminal investigation. I. Mal'isev. Uch. zap. Perm. gos un. no. 150-135-154 '68.
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From the practice of notarial agencies. Sov. iust. no. 32-3 of cover S '67.
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Legal advice. Rad. pravo no. 2-66-70 F '68.
Responsibility of suppliers for the incomplete delivery of lumber. M. Rovinski. Sov. iust. no. 24-22-23 D '67.
Right of the members of cooperative residential building associations to rent their dwelling quarters and to lodge temporary roomers. I. Khramov. Sov. iust. 31 no. 13-7-8 Je '67.
Rights of the joint ownership of the state and private persons. V. S. Tadvostian. Sov. gos. i pravo no. 2-47-52 F '68.
Taganazarov, Sh. [Joint and shared property in Soviet civil law]. Obshchina dolevain sobstvennost' v sovetskoi grazhdanskoi prave. Dushanbe, "Irfon," 1966. 89 p.
[Theoretical commentaries on court practice in civil cases in 1964-1965]. Nauchnyi kommentarii k sudebnai praktiki po grazhdanskim delam za 1964-1965 gg. Otv. red. A. I. Peigament. Moskva, "Iurid. lit.-ra," 1966. 183 p.
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347.204 HOUSING LAW HOUSING PROBLEM

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347 4 BONDS CONTRACTS AGREEMENTS

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Liability of courts and criminal investigation agencies for loss caused by acts of their personnel. Sov. gos. i pravo no. 2-120-132 F '68.
Liability of medical institutions for the wrong methods of treatment. L. Maidank. Sov. iust. 31 no. 16-12-13 Ag '67.
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347 77 PATENT AND TRADEMARK RIGHTS, ETC
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347.79 MARITIME LAW SHIPPING, NAVIGATION LAW

347.79(202.5)—Black Sea
Regulations governing Black Sea straits. K. K. Rodionov. Moi sob. 50 no. 11-26-30 N '66.

347 9 PROCEDURE, JUDICIARY PERSONNEL ORGANIZATION, COURTS

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Neatly accounting records help in the struggle against crime. V. Skvortsov, Sots. zakon no. 7-45-16 JI '67.

Do, after day. V. Tonkikh, Sov. iust. 31 no. 13-23-24 1c '67.

Decision of the Presidium of the Supreme Court of the U.S.S.R. of May 11, 1967. Sov. iust. 31 no. 13-17 1c '67.

Dismissing a monograph on problems in the general theory of trial evidence. M. B. Sot. zakon no. 7-45-16 JI '67.

The dismissal of civil cases. I. Puchka, Rad. pravo no. 2-3-45 1c '68.

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Grounds for and procedure in the acceptance of representatives of the injured party in Soviet criminal procedure. I. V. Hina, Uch. zap. Perm. gos. un. no. 150-124-12 '66.

Grounds for and the limits of the change of sentences by appellate courts. V. Vlasov, Sov. iust. no. 20-24-25 O '67.

A "temporary citizen" of Balakhna. E. Sospatov, Sov. iust. no. 20-27-29 O '67.

How public prosecutors supervise the observance of laws. Sots. zakon no. 7-85-88 JI '67.

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Initial examination of problems concerning the preterm discharge of convicted delinquents and the change of penalty to a lesser punishment on the motion of the public. Dzh. A. Aliev, Izv. AN Azerb. SSR, Sov. iust., filial prav. no. 1-105-112 '67.

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Legality and sufficient grounds for the decisions of comrades courts. I. Mikhailovskaya, Sov. iust. no. 17-24-25 S '67.

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Refusal of the defense lawyer to defend the accused. U. Stepanovskii, Sots. zakon no. 7-59-60 JI '67.

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Theoretical commentaries on court practice in civil cases in 1964-1965. Nauchnyi kommentarii sudebnoi praktiki po grazhdanskim delam za 1964-1965 gg. Otv. red. A. I. Pergament. Moskva, "Iurid. lit.-izd." 1966. 183 p.

Timesaving methods of civil procedure. G. Laubarskaya, Sov. iust. no. 20-18-20 O '67.

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347 9(471 53)—Peim Province

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347 9(477)—Ukrainian S.S.R.

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347 9(477 8)—Western Ukraine

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347 9(575.3)—Tajik S.S.R.

Tajik S.S.R. Laws, statutes, etc. [The criminal procedure code of the Tajik S.S.R. With amendments as of October 1, 1966]. Ugolovno-protsessual'nyi kodeks Tadzhikskoi SSR. S izmeneniami i dopolneniami po sostoiianiu na 1 oktabria 1966 goda. Dushanbe, 1966. 270 p.

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Decisions of arbitration agencies. Sov. iust. 31 no. 16-28 Ag '67.

Decisions of arbitration agencies. Sov. iust. 31 no. 16-28 Ag '67.

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Decisions of arbitration agencies. Sov. iust. 31 no. 16-28 Ag '67.

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Decisions of arbitration agencies. Sov. iust. 31 no. 16-28 Ag '67.

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Decisions of arbitration agencies. Sov. iust. 31 no. 16-28 Ag '67.

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Decisions of arbitration agencies. Sov. iust. 31 no. 16-28 Ag '67.

Decisions of arbitration agencies. Sov. iust. 31 no. 16-28 Ag '67.

Decisions of arbitration agencies. Sov. iust. 31 no. 16-28 Ag '67.

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347 906(474 3)—Latvian S.S.R.

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347 906(721 1)—Cuba

Foreign trade arbitration in the Republic of Cuba. S. Gutsev, Vnesh. torg. 18 no. 1-60 '68.

35 PUBLIC ADMINISTRATION ADMINISTRATIVE LAW

[The U.S.S.R.; administrative and territorial divisions of the Union Republics as of July 1, 1967]. SSSR, administrativno-territorial'noe delenie sojuznykh respublik na 1 iulija 1967 goda. Moskva, 1967. 654 p.

35 07 ADMINISTRATIVE AND GOVERNING BODIES

Improving the legal status of ministries in the Union Republics. V. I. Shabalov, Sov. gos. i pravo no. 2-65-70 1c '68.

In the "Coastal" of the U.S.S.R. Na stroi. Ros. 3 no. 10-10 O '67.

Some problems in the amendment of laws on the work of organs of central and local government. M. G. Kirichenko, Uch. zap. VNIISZ no. 10-221-226 '67.

Soviets are the political foundation of the U.S.S.R. M. Tsvik, Rad. pravo no. 2-17-22 1c '68.

35 07(575 1)—Uzbek S.S.R.

Uzbek S.S.R. Laws, statutes, etc. [Statute on elections to province, district, city, settlement, village, and aul Soviets of workers' deputies of the Uzbek S.S.R. Adopted by decree of the Presidium of the Supreme Soviet of the Uzbek S.S.R., October 7, 1950. With amendments introduced by decrees of the Presidium of the Supreme Soviet of the Uzbek S.S.R., December 21, 1964, December 16, 1958, January 6, 1959, January 12, 1963, and October 31, 1966]. Polozhenie o vyborakh v oblastiye, rayonnye, gorodskie, poselkovye, sel'skie i aul'nye Sovety deputatov i nadschikhkhsia

Uzbekskoi SSR. Uverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Uzbekskoi SSR of 7 oktobra 1950 g. s izmeneniami, vneshennymi Ukazami Prezidiuma Verkhovnogo Soveta Uzbekskoi SSR of 21 dekabria 1954 g., 16 dekabria 1958, 6 ianvaria 1959 g., 12 ianvaria 1963 g. i 31 oktobra 1966 g. Tashkent, "Uzbekistan," 1966. 31 p.

35 08 PUBLIC SERVANTS AND PERSONNEL

35.08(41)—United Kingdom and Northern Ireland

People and events. Michael Stewart; Kurt Waldheim; Chung Doo Ilwan. Nov. vrem. 25[i, e. 26] no. 12-10, 15, 17 Mr '68.

35 08(436)—Austria

People and events. Michael Stewart; Kurt Waldheim; Chung Doo Ilwan. Nov. vrem. 25[i, e. 26] no. 12-10, 15, 17 Mr '68.

35 08(477 88)—Transcarpathia

Kyryliuk, H. V. [A statesman] Derzhavna liudyna. Uzhhorod, "Karpaty," 1966. 77 p. (Liudy zemli karpats'koj)

35.08(489)—Denmark

People and events. Hilmar Baunsgaard; Penn South. Nov. vrem. 25[i, e. 26] no. 8-20, 31 F '68.

People and events. Oddur Gudjonsson; Paul Hartling. Nov. vrem. 25[i, e. 26] no. 11-20 Mr '68.

35 08(491 1)—Iceland

People and events. Oddur Gudjonsson; Paul Hartling. Nov. vrem. 25[i, e. 26] no. 11-20 Mr '68.

35.08(580)—Cambodia

People and events. Hilmar Baunsgaard; Penn South. Nov. vrem. 25[i, e. 26] no. 8-20, 31 F '68.

351 GOVERNMENT LEGISLATION. PUBLIC SERVICES. CONTROL REGULATIONS

[Administrative fines; a collection of normative acts]. Administrativnye shtrafy, sbornik normativnykh aktov. Kishinev, "Kartia Moldoveneasca," 1967. 143 p.

How soon can a decision of an administrative committee be executed. D. Bakhrakh, Sov. iust. 31 no. 16-26 Ag '67.

Improving the legal regulation of the work of local soviets. I. G. Tsesarenko, R. S. Pavlovskii, Sov. gos. i pravo no. 2-40-46 F '68.

351(477)—Ukrainian S S R

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351 74 POLICE, CIVIC GUARD, POLITICAL POLICE, STATE SECRET POLICE, ETC

New forms of contractual relations regarding the protection of building projects V. V. Laptchuk Sov. just no 2017-19 O '67

Some problems of criminal responsibility for a fault with intent to murder police officers and law enforcement officers in the protection of law and order V. V. Laptchuk Uch. zap. VNIISZ no 1504-45 '66

Structure of the "outstanding auxiliary policeman" cadre Sov. just no 1717 P '67

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Decree of the Presidium of the Supreme Soviet of the R. S. S. R. of June 1, 1967 Sov. just no 1531 P '67

351 77 PUBLIC HEALTH FOOD HOUSING, ETC

Legal regulation of work with radioactive substances and the sources of ionizing radiations V. I. Sov. just no 2113-16 P '68

351 81 COMMUNICATIONS TRAFFIC TRANSPORT

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351 82 ECONOMIC LEGISLATION AND CONTROL, AGRICULTURE, TRADE AND INDUSTRY

Decisions of arbitration agencies Sov. zakon no 784-65 P '67

Decisions of arbitration agencies Sov. just no 2032 O '67

Decisions of arbitration agencies, Sov. just no 2429 D '67

The economic reform and business law V. Laptchuk Sov. just no 2013-15 O '67

Economic reform and problems concerning the regulation of hours of work I. I. Guntzburg, Uch. zap. VNIISZ no 1051-45 '67

Economic reform and Soviet law, S. N. Barminev Uch. zap. VNIISZ no 1033-18 '67

Economic reform and the legal regulation of delivery of goods, R. O. Khalifov Uch. zap. VNIISZ no 1054-65 '67

How the arbitration agencies protect the rights of business enterprises under the new conditions T. I. Aho Uch. zap. VNIISZ no 10110-17 '67

A joint session of lawyers and students of agrarian problems devoted to the 50th anniversary of the Great October Revolution, O. A. Kichatov, Sov. gos. pravo no 2110-111 P '68

The laws governing the disposal of fixed assets in industrial enterprises I. Polonskiy, Sov. just no 215-7 D '67

Legal problems arising from the effective use of manpower V. I. Stavitskiy Uch. zap. VNIISZ no 1095-44 '67

Legal problems concerning the improved use of the fixed assets of industrial enterprises I. G. Polonskiy Uch. zap. VNIISZ no 10101-107 '67

Legal problems of commercial accounting relating to the economic reform, I. A. Fanchuk, Uch. zap. VNIISZ no 1029-10 '67

Legal regulation of the working capital of industrial enterprises I. Polonskiy, V. Slom Sov. just no 1610-11 Ag '67

Legal status of business concerns under the new conditions A. G. Pevzner Uch. zap. VNIISZ no 1089-103 '67

Plans for and the organization of contractual relations in the socialist national economy, O. S. Ioffe, Uch. zap. VNIISZ no 1041-53 '67

Practical implementation of the instructions on receiving and verifying the number of delivered goods I. Rukosuev Sov. just no 31 no 16-20 Ag '67

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Relations between industrial enterprises and the offices of the State Bank should be improved, O. Pushkin, I. Kras'ko Rad pravo no 251-58 P '68

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Some legal problems of the economic reform, V. V. Laptchuk, Uch. zap. VNIISZ no 1019-28 '67

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351 82(44)—France

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351 82(477)—Ukrainian S S R

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351 82(496)—European communist countries as a group

Legal aspects of the economic reform in the group of socialist countries I. A. Grunberg Uch. zap. VNIISZ no 1077-47 '67

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Development of the laws which protect the work of proletarian workers during the last 50 years O. Kargazov, I. A. Kravchik SSR Sov. obshchestvo no 615-20 '67

For peace and decent living workers Sov. pravo no 2124-44-45 D '67

Legal problems relating to the five-day work week I. U. Koshunov Sov. zakon no 779-83 P '67

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351 85 PUBLIC EDUCATION, ENLIGHTENMENT AND CULTURE ENCOURAGEMENT OF SCIENCE AND THE ARTS, ETC

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Historical experience of the cultural revolution in the U. S. S. R. M. P. Kam Vop. ist. no 1109-122 P '68

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351 85(574)—Kazakh S S R

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The October Revolution and the development of scientific studies in Kazakhstan Sh. Esenov, Vest. AN Kazakh SSR no 1122-13 N '67

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To the Central Committee of the Communist Party of the Soviet Union Vest. AN Kazakh SSR no 117 N '67

351 85(575 1)—Uzbek S S R

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351 87(471 41)—Tatar A S S R

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351 9(474 2)—Estonian S S R

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Industry is the law of socialistic management. S. Golota. Tyl i snab. Sov. Voor. Sil 26 no 2 8-13 F '66.

Forward Chief Captain Petukhov. G. Roshchikov. Tyl i snab. Sov. Voor. Sil 26 no 9 33-55 S '66.

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Guarding the achievements of socialism. N. I. Krylov. Nov. voen. 25(1. 26) no 8 3-3 F '66.

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Geologists are discovering resources for economy. A. Zhelezn. Tyl i snab. Sov. Voor. Sil 26 no. 9 61-62 S '66.

Geologists of the North Sea Fleet. O. Kutai. Tekh i voen. 25 no 6 72-74 Ju '66.

Landmarks for repairmen. Tekh i voen. 25 no 8 11 Ag '66.

Leading military physician and parachutist. A. I. Ziatushkov. G. A. Manasov. Voenn.-med. zhur. no. 12 15-20 D '67.

Let the little light burn! Excerpts from letters. Tyl i snab. Sov. Voor. Sil 26 no. 8 59-62 Ag '66.

A life dedicated to science. A. Kiselev. Tekh i voen. 25 no 8 70-78 Ag '66.

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Officer of a pipe-laying unit. A. Laar. Tyl i snab. Sov. Voor. Sil 26 no 1 28-29 Ja '66.

On a winter exercise. M. Igolinskii. Tyl i snab. Sov. Voor. Sil 26 no. 1 25-27 Ja '66.

The people's army. V. Polikarpov. Nov. voen. 25(1. 26) no 7 5-7 F '66.

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355 (211)—Cold War regions

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Vojenskiye tekhnika. Tekh i voen. 25 no 5 60 My '68.

355 02 NATIONAL DEFENSE POLICY. MILITARY POLICY

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The great record. Tyl i snab. Sov. Voor. Sil 26 no 6 4-1 Ju '66.

The Great October Revolution and the building of Soviet military cadres. V. Domnikov. Voenn.-ist. zhur. 9 no. 11:14-25 N '67.

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Ideological seasoning is the basis for strong discipline. S. Sebov-Manov. Tyl i snab. Sov. Voor. Sil 26 no. 10 17-21 O '65.

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A modernized aeronautical garrison. A. Silenchuk. Tyl i snab. Sov. Voor. Sil 26 no. 10 13-10 O '65.

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Training devices in the educational process. B. Moshkalo and others. Tekh i voen. 25 no 8 36-10 Ag '66.

V. I. Lenin's military and theoretical heritage and contemporaneity. P. Tikhonov. Voenn.-ist. zhur. 9 no. 11:3-13 N '67.

With a confident step. I. Pavlov. Tyl i snab. Sov. Voor. Sil 26 no 2 18-21 F '66.

The word of the Party inspires. N. Veriasov. Tyl i snab. Sov. Voor. Sil 26 no 5 1-7 My '66.

A worthy celebration of the October holiday. Tyl i snab. Sov. Voor. Sil 26 no 10 3-6 O '65.

Young officers learn to work independently. S. I. Fedorov. V. Shchegolev, V. Trolov. Tyl i snab. Sov. Voor. Sil 26 no 1 86 Ja '66.

355 2 FORCES PERSONNEL MOBILIZATION

Becoming equal with the foreigner people. F. Olinov. Tyl i snab. Sov. Voor. Sil 26 no 3 58-59 F '66.

Classification of types of repairs. I. Bolshakov, V. Utkin. Tekh i voen. 25 no 8 62-64 Ag '65.

Crash program in light industry. N. Tarasov. Tyl i snab. Sov. Voor. Sil 26 no 9 7-12 S '66.

Defectoscopes. G. Samoilovich. Tekh i voen. 25 no 4 31-35 S '61.

Deputy commander in charge of technical matters. V. Zelenikhin, A. Chistov. Tyl i snab. Sov. Voor. Sil 26 no 2 37-39 F '66.

The entire collective. V. Suvorov. Tyl i snab. Sov. Voor. Sil 26 no. 1 19-50 Ja '66.

Equipment loves zealous people: articles in military newspapers. Tyl i snab. Sov. Voor. Sil 26 no. 9 62-63 S '66.

A four-axle platform used as an end-loading slope. A. Ignat'ev. Tyl i snab. Sov. Voor. Sil 26 no 8 88 Ag '66.

Heroes do not die. N. A. Deribas. Sred. spets. obr. 11 no 8 31-32 Ag '67.

How and you being served? A war correspondent's tale. N. Prosekov, V. Golovin, V. Metlov. Tyl i snab. Sov. Voor. Sil 26 no. 9 18-50 S '66.

How best to attach caterpillar track equipment. A. Umanitskii. Tyl i snab. Sov. Voor. Sil 26 no 8 88-89 Ag '66.

"Improve the management of military trading." P. Kochetkov. Tyl i snab. Sov. Voor. Sil 26 no 2 46-1 F '66.

Improve the organization of military transportation. Tyl i snab. Sov. Voor. Sil 26 no 9 3-6 S '66.

In the interests of smooth operation of combat complexes. M. Borisov. Tyl i snab. Sov. Voor. Sil 26 no 1 68-72 Ja '66.

An innovator. A. P'zhov. Tekh i voen. 25 no 9 4-6 S '61.

The matter of honesty in trade workers. M. Grigor'yan. Tyl i snab. Sov. Voor. Sil 26 no 8 51-51 Ag '66.

Observation point for equipment. P. Orschkin. Tekh i voen. 25 no. 8 11-19 Ag '65.

On hard-to-pass sections of roads. V. Baci. Tyl i snab. Sov. Voor. Sil 26 no. 9 68-70 S '66.

Our, the navy's. M. Khapichov. Tyl i snab. Sov. Voor. Sil 26 no 1 20-21 Ja '66.

Preservation of engines. M. Rezboredko. Tekh i voen. 25 no 9 53-51 S '64.

Proper maintenance is the source of economy. I. Evutskhin. Tyl i snab. Sov. Voor. Sil 26 no. 9 78-82 S '66.

Repairing automobiles in the field. B. Sul'din. Tyl i snab. Sov. Voor. Sil 26 no. 8 81-84 Ag '66.

Seasonal care of engineering equipment and automobiles. A. Tarasov, Kh. Neveler, S. Khuslin. Tekh i voen. 25 no 9 11-41 S '61.

Service troops of our navy. V. Rusaev, V. Shalomin. Tyl i snab. Sov. Voor. Sil 26 no. 9 13-10 S '66.

Testing KAP-3 devices in the workshop. G. Golii. Tekh i voen. 25 no 9 50-51 S '64.

Transporting equipment on railroads. A. Furman. Tyl i snab. Sov. Voor. Sil 26 no. 1 61-63 Ja '66.

Utilization. N. Skvortsov, B. Kotliar. Tekh i voen. 25 no 6 27-31 Ju '66.

Use ships' equipment economically. B. Karpyshev. Tyl i snab. Sov. Voor. Sil 26 no. 1 46-48 Ja '66.

We load special automobiles compactly. A. Bortov. Tyl i snab. Sov. Voor. Sil 26 no. 8 74-75 Ag '65.

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- Satisfy inquiries of aviators more fully. I. O. Charenko. Tyl i snab. Sov. Voor. Sil 26 no. 8 65-66 Ag '66
- The senior medical officer of a regiment. M. Smirnov. Tyl i snab. Sov. Voor. Sil 26 no. 10 37-39 O '65
- Service provision in the operation of Soviet armed forces in the Far East. A. Lagovskii. Tyl i snab. Sov. Voor. Sil 25 no. 8 12-17 Ag '65
- The ship's physician in prolonged cruises. A. Pestov. M. Kashin. Tyl i snab. Sov. Voor. Sil 26 no. 9 41-47 S '66
- Supplying automobile troops who are occupied in gathering crops. G. Marchenko. Tyl i snab. Sov. Voor. Sil 25 no. 8 54-56 Ag '65
- Using linear programming methods. B. Kosenko, O. I. Aronov. Tyl i snab. Sov. Voor. Sil 26 no. 2 74-83 F '66
- When a ship is in navy yard. A. Belov. Tyl i snab. Sov. Voor. Sil 25 no. 8 76-78 Ag '66
- Work of service troops in hot, humid climatic conditions. P. Karpovich. Tyl i snab. Sov. Voor. Sil 26 no. 10 33-36 O '65

358.1 ARTILLERY AND ARMOR

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- The military engineer. Tekh. i voen. zhur. 25 no. 10-13 O '66

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- The course of delivering supplies has been simplified. V. Uspekii, V. Belov. Tyl i snab. Sov. Voor. Sil 26 no. 8 55-56 Ag '66
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- Detecting early signs of atherosclerosis in flight crews. D. G. Fovin, T. M. Kovina, T. A. Sukhomilova. Voen.-med. zhur. no. 12-57-59 D '67
- The engineer is the trainer of his subordinates. G. Il'inskiy. Tekh. i voen. zhur. no. 9 36-37 S '64
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- Recover airplanes at the start. I. Simakov, K. Chermashentsev. Tekh. i voen. zhur. no. 8 16-23 Ag '65
- Satisfy inquiries of aviators more fully. E. Ovcharenko. Tyl i snab. Sov. Voor. Sil 26 no. 8 65-66 Ag '66
- The technical culture of aviators. B. Iremkin. Tekh. i voen. zhur. no. 8 4-11 Ag '65
- Technician of an excellent airplane. R. Faingelsh. Tekh. i voen. zhur. 25 no. 8 63 Ag '66
- The utmost readiness. N. Skomorokhov. Tekh. i voen. zhur. 25 no. 8 4-10 Ag '66

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- Outdining sea boundaries. M. A. Rudnikii. Tekh. i voen. zhur. 25 no. 8 12-17 Je '66
- On the 25th anniversary of courses for the medical officer corps of the Red Banner Northern Fleet. V. I. Sheratobitov, B. M. Kupsili, N. M. Popyshov. Voen.-med. zhur. no. 1 79-80 Ja '68
- Organizational of instructional and methodological work in fleet courses for the medical officer corps. N. F. D'achenko. Voen.-med. zhur. no. 1-80-82 Ja '68
- Ours, the navy's. M. Kharichev. Tyl i snab. Sov. Voor. Sil 26 no. 1 20-21 Ja '66
- Rescue ships. A. Smukol. Tekh. i voen. zhur. 25 no. 10-21 O '66
- Service troops of our navy. V. Russov, V. Sholomin. Tyl i snab. Sov. Voor. Sil 26 no. 8 13-19 S '66
- When a ship is in navy yard. A. Belov. Tyl i snab. Sov. Voor. Sil 26 no. 8 76-78 Ag '66
- Work style of staff officers. I. D. Egorov. Mor. sbor. 50 no. 11 36-40 N '66

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- Characteristics of contingents served by the emergency medical aid station of Moscow. E. N. Grigor'eva. Trudy TSU 103 98-99 '67
- Dependence of dispensarization effectiveness data on the conditions of its execution. L. N. Pokrovskaya. Trudy TSU 103 56-60 '67

10 years of Soviet military epidemiology. I. I. Znamov. Zhur. mikrobiol. i epid. i immun. 41 no. 11 45-52 N '67

One of the best. I. V. Selivanov, R. A. Marasano. Voen.-med. zhur. no. 12 11-14 D '67

Present-day state of emergency medical service. E. N. Grigor'eva. Trudy TSU 103 91-97 '67

362.1 (471 232)—Leningrad City

Activity of the Petersburg Pasteur Station, 1880-1960. A. A. Efimenko. Sov. med. 30 no. 1 148-151 Ja '68

362.1 (471 310)—Moscow City

Commandment of Botkin's disciples. Gor. khoz. Mosk. 41 no. 10 16-48 O '67

362.4 WELFARE OF PHYSICALLY HANDICAPPED

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State of prostheses application in invalids following amputation of upper extremities and aspects of its improvements. M. V. Sukhov, Ortop., Travm. i prot. 29 no. 1 22-27 Ja '68

362.6 WELFARE OF AGED, INFIRM AND SICK

Primary disability and problems of its prevention. T. N. Piskova. Trudy TSU 103 84-90 '67

Primary disability in diseases of a therapeutic character. T. N. Eliseeva. Trudy TSU 103 76-83 '67

362.7 CHILD WELFARE CARE, ADOPTION, ETC

Decree of the Presidium of the Supreme Soviet of the U.S.S.R. of July 21, 1967. Sov. iust. no. 17 26 S '67

Prostheses in preschool children with defects of the lower extremities. G. P. Onokhova, Ortop., Travm. i prot. 29 no. 1 27-32 Ja '68

362.8 YOUTH WELFARE, CLUBS, ETC

Documents of historical significance. L. M. Sviridov. Teor. i prak. fiz. kul't. 30 no. 8 5-8 Ag '67

Organization and work of a club of technological creation in chemistry. N. A. Chepurina. Stud. spets. obr. 13 no. 6 53 Je '66

The "Rainbow" Club. T. Valisheva. Prof. tekhn. obr. 21 no. 7 11-11 '67

The statute of committees on youth. Sov. iust. 31 no. 15: 21-25 Ag '67

362.8 (471 232)—Leningrad City

A young chemist's club. L. V. Sokolova. Shkola i prosv. 11 no. 12 18 D '67

362.8 (471 310)—Moscow City

12-A Suvorov Boulevard. V. S. Bartenova. Shkola i prosv. 11 no. 12 41-47 D '67

362.8 (477)—Ukrainian S.S.R.

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367 INSTITUTIONS FOR SOCIAL INTERCOURSE CLUBS, ETC.

367 (477)—Ukrainian S.S.R.

Contributions of the cultural centers to the great anniversary. P. Tien'ko. Kom. Ukr. 42 no. 8 21-31 Ag '67

368.4 SOCIAL INSURANCE WORKMEN'S INSURANCE

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368.45 MARRIAGE, MATERNITY, FAMILY INCREASE

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Just a mother. A. Antonova. Doshk. vosp. 40 no. 9 46-47 '67

What was she to you? L. Meshkova. Doshk. vosp. 40 no. 9 45-46 '67

37 EDUCATION

Area of latent doubt in threshold changes. K. V. Bardin. Nov. issl. v ped. nauk. no. 8 139-146 '66

Athletic education and the overcoming of religious family traditions in children. Report No. 1 Determining the content of religious family traditions. M. D. Shevchenko. Nov. issl. v ped. nauk. no. 8 55-60 '66

"Clamores Eliae." A version of "De rerum humanarum emendatione consultatio Catholica." A. Skarka. Sov. pedagog. 31 no. 12 93-96 D '67

A classic work of Russian pedagogy: on the centennial of the publishing of K. D. Ushinski's work "Man as the object of education." D. Loidkipandze. Rad. shk. 47 no. 1 26-31 Ja '68

Contemporary meaning of Comenius' projects for the improvement of things as expressed in "Panorthosia." J. D. Pope. Sov. pedagog. 31 no. 12 96-100 D '67

A contemporary of October. B. N. Bakhtalov, N. M. Kuznetsov. Voen.-med. zhur. no. 12 14-18 D '67

Development of an educational collective in collective labor colonies. Report No. 1 Concept of a guided educational collective and its place in the educational process of Soviet collective and labor colonies of the Ministry for the Protection of Public Order. V. I. Iukin. Nov. issl. v ped. nauk. no. 8 67-71 '66

50 years of Soviet educational psychology. H. A. Menchinskaya. Sov. pedagog. 31 no. 10 126-142 O '67

From experience in moral education. M. A. Zavatskaya, I. V. Chernaya. Nach. shkol. 35 no. 12 13-17 D '67

From foreign press information. Sov. pedagog. 31 no. 12 137-139 D '67

A giant uprising in the people's education. M. P. Kashin. Sov. pedagog. 31 no. 10 24-37 O '67

The Great October Socialist Revolution and basic changes in the field of education. M. I. Kondakov, N. P. Kuzin. Sov. pedagog. 31 no. 10 4-23 O '67

The human brain and psychological processes. M. G. Iaroslavskii, A. E. Lipkina. Nach. shkol. 35 no. 12 67-72 D '67

The importance of J. A. Comenius' "De rerum humanarum emendatione consultatio Catholica" for socialist pedagogy. D. O. Loidkipandze. Sov. pedagog. 31 no. 12 87-92 D '67

An international conference on the work of Comenius "De rerum humanarum emendatione consultatio Catholica." Sov. pedagog. 31 no. 12 73-74 D '67

News from education in various countries. Nat. obr. no. 1 106-107 Ja '68

News on education from foreign countries. Sred. spets. obr. 13 no. 9 51-52 S '66

Our diary. Nat. obr. no. 1 93 Ja '68

The philosophical ideas of J. A. Comenius and their evaluation by the progressive Russian educators of the late 19th and early 20th century. A. I. Piskunov. Sov. pedagog. 31 no. 12 80-86 D '67

A problem of national importance. L. I. Iunkina. Doshk. vosp. 40 no. 9 37-38 '67

Questions of moral education in the works of N. K. Krupskaya. D. I. Rudneva. Sov. pedagog. 31 no. 12 18-24 D '67

Russian enlighteners of the 18th century on the educational role of bibliographies. M. G. Katsenelenbogen. Nov. issl. v ped. nauk. no. 8 121-125 '66

Some problems in the methodology of checking and grading mechanical drawings. V. F. Kardash. Shkola i prosv. 11 no. 6 36-42 Jr '67

Soviet non-Russian schools during the past 50 years. N. V. Taldin. Sov. pedagog. 31 no. 12 55-72 D '67

Soviet theory of educational psychology. L. I. Rozhovitch, L. S. Slavina. Sov. pedagog. 31 no. 12 3-17 D '67

Toward new achievements in the anniversary year. Rad. shk. 46 no. 9 1-6 S '67

Urgent tasks of education personnel. Nat. obr. no. 1 1-5 Ja '68

Where does Professor Rudan's anti-communism lead him? F. Korolev. Nat. obr. no. 1 101-105 Ja '68

37 (438)—Poland

Development of higher education in the Polish People's Republic. Wlodzimierz Mikhailov. Sov. pedagog. 31 no. 12 101-107 D '67

37 (439)—Hungary

Public education in fraternal Hungary. B. Kobzar, V. Chepelev. Rad. shk. 46 no. 9 101-106 S '67

37 (471)—Russian Soviet Federated Socialist Republic (R.S.F.S.R.)

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37 (474 2)—Estonian S.S.R.

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37 (474 5)—Lithuanian S.S.R.

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37 (476)—White Russian S.S.R.

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- Salaries of automobile and tractor driving instructors.
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- School management needs a scientific basis Nar obr
no 1 121-122 Ja '68
- The school principal's time A. Titulin Nar obr no 1
14-17 Ja '68
- The school supervisor and school management Nar obr
no 1 30-32 Ja '68
- A shining star V. Pryhorovskiy Rad shk 47 no 1
54-55 Ja '68
- A sower of good seed Myoslar Stepanovich Rad
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- The teaching staff and the Komsozol organization in
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- 371 1(474 2)—Estonian S S R**
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- 371 1(477)—Ukrainian S S R**
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- 371 1(478)—Moldavian S S R**
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- 371 1(497 2)—Bulgaria**
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- 371 1(575 2)—Klghiz S S R**
The son of a peasant IA Kisel'gov Prof., -tekh obi
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- 371 3 METHODS OF INSTRUCTION**
Adding sound to educational films. A. Nikulin Tekh i
vosp 25 no 3 67-69 My '66
- Automation and the elements of programmed instruction
in the educational process I. A. Vysokovskii Sred
spets obi 13 no 9 19-21, 26 S '66
- Burov, V. A., and others** [Classroom demonstrations in
physics for higher grades of secondary school, textbook
for teachers] Demonstratsionnyi eksperiment po fizike
v starshikh klassakh srednei shkol, posobie dlia uchite-
lla Moskva, "Prosvetshenie,"
Ch. 1 [Mechanics Heat] Mekhanika, teplota
Pod red A A Pokrovskogo 1967 366 p
- Characteristics in the teaching of the course of "Funda-
mentals of industrial automation" P E. Kapchinskii
Sred, spets obi 14 no, 8 20-22 Ag '67.
- Classes in pictorial arts M Smirnov, Nar obr no 1
93-94 Ja '68
- Classification of the technical means of programmed
instruction Report No 1 Analysis of existing clas-
sified systems and classification of technical means
based on educational principles. A D. Poleschchuk
Nov issl v ped nauk no 8 12-17 '66.
- A club of enthusiasts of the scientific organization of
labor L. Magol'yeva, C. L'vov Nar obi no 1
92-93, 94 Ja '68
- [Collection of articles on educational television] Sbornik
statei po uchebnomu teledidaktu. Pod obschch red
G. P. Lyzo. Moskva, 1967 131 p (Uchebnoe teledi-
denie).
- Composition (continuation) L. Aizerman Nar obr
no 1 40-46 Ja '68
- Content and system of teaching methods in general
technical subjects L. I. Moroz Sred spets, obi 14
no, 8 15-20 Ag '67.
- Developing skills in the planning of research tasks
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- Difficulty of learning classical dynamics. F. Sh. Shifin,
Uch, zap, Ped inst, Gerts, 303, 313-311 '66.
- Elementary derivation of Einstein-Lorentz equations for
the electromagnetic field. S. V. Izmailov, Uch, zap, Ped
inst, Gerts, 303, 269-276 '66.
- Equipment for the demonstration of visual aids. I. I.
Tumchenko, Sred spets, obi 13 no 6 37-19 Ja '66
- Experience in conducting the first Moldavian pedagogical
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14 no 12 9 D '67

27.3 (Continued)

- 371 3(431)—German Democratic Republic
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371 3(47) 232)—Leningrad City

371 3(471 54)——Sverdlovsk Province

371 3(477)—Ukrainian S S R

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371 6(438)——England

371 7(474 5)——Lithuanian S. S. R.

371 8 SCHOOL LIFE CUSTOMS HONORS,
UNIFORM, ETC.

A club of enthusiasts of the scientific organization of labor. L. Magorysheva, E. L'kov Nat. obs. no 192-03, 21 Ja '68

J71 8(471 22)—Karelian A S S R

371 8(471 45)—Volgograd Province

371 8(471 62)—Krasnodar Territory

371 8(474 3)—Latvian S S R

37) 8(477)—Ukrainian S. S. R.

371 9 EDUCATION OF SPECIAL CATEGORIES OF

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372 PRESCHOOL AND ELEMENTARY OR PRIMARY EDUCATION

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35 no. 12 36-38 D '67

372 The little ones play on the winter playground T. Fedotova Doshk. vosp. 40 no 12 15-18 '67.
 Logical vocabulary lessons in the first grade V. Kurushina Doshk. vosp. 40 no 9 13-14 '67.
 Looking into the heart of the child R. Borisova, Doshk. vosp. 40 no 8 61-65 '67.
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 A morning show for the youngest groups in kindergarten. Doshk. vosp. 40 no 9 112-128 '67.
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 Spelling of proper nouns, S. I. Zhukov, Nach. shkola 36 no 1 80-84 Ja '68.
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 Suggested lesson plan for the 3rd quarter, Z. V. Kopacheva, P. S. Kurumova Nach. shkola 36 no. 1 61-75 Ja '68.
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 Teach them to be responsible for their actions, I. Ostrovskaya Doshk. vosp. 40 no 8 53-56 '67.
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 There are various words A. Zhekov, Doshk. vosp. 40 no 12 76 '67.
 This is how it began... R. Prushtakala, Doshk. vosp. 40 no. 12 96-98 '67.
 This leaves a mark N. Amirzhanova, Doshk. vosp. 40 no. 12 68-68 '67.
 To be an intelligent, well-rounded person N. Stin Doshk. vosp. 40 no 9 57 '67.
 Toward new achievements, Nach. shkola 36 no. 1 1-5 Ja '68.
 Understanding of words by 3-5 year old children A. Bogatyreva, Doshk. vosp. 40 no. 8 18-21 '67.
 V. P. Zakharova, S. Parafeyeva, Doshk. vosp. 40 no. 12 76 '67.
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 A winter excursion into nature, L. N. Stasenka Nach. shkola 35 no. 12 30-33 D '67.
 Work on pronunciation in the 1st-2d grades, V. E. Ososkaya, Nach. shkola 35 no. 12 17-20 D '67.
 Work with a book, A. V. Levashova, N. A. Kargin, Nach. shkola 36 no. 1 32-38 Ja '68.
 Work with the young G. Shvalko, Doshk. vosp. 41 no. 1 91-93 '68.

372(439)—Hungary

In the People's Republic of Hungary. Doshk. vosp. 40 no. 9 84-85 '67.

372(44)—France

What does it mean to "express oneself"? M. Goussier Doshk. vosp. 40 no 12 99-101 '67.

372(471 II)—Archangel Province

A second home S. Gotshev, Doshk. vosp. 40 no. 12 77 '67.

372(471 232)—Leningrad City

How I teach the youngest group (the article by N. Nazirova Doshk. vosp. 40 no 9 11-12 '67).
 Kindergarten of the factory named after Zhukov R. Finkelshteyn Doshk. vosp. 40 no 12 77-81 '67.
 On Detskaya Street M. Petrova, Doshk. vosp. 40 no 9 5-6 '67.

372(471 310)—Moscow City

Kindergarten of the "Krasnyi Trugol'nik" Industrial Plant R. Borisova, Doshk. vosp. 40 no 12 61-65 '67.

372(471 42)—Ulyanovsk Province

Preschool education in Ulyanovsk Province, T. Petrova, Doshk. vosp. 41 no. 1 80-91 '68.

372(471 5)—Ural regions

From the history of preschool education in the Ural region V. Boshayeva, V. M. Dolgin, V. P. Kuznetsov, Doshk. vosp. 40 no. 8 91-96 '67.
 Kindergarten of the Ural Plant for the construction of Railroad Cars I. Davydov, Doshk. vosp. 40 no 12 90 '67.

372(471 54)—Sverdlovsk Province

"Bring the youngster to the kindergarten" I. A. Kovaleva, Sov. professy 91 no 1 1-2 Ja '68.

372(471 631)—Kalmyk A. S. S. R.

In the kindergartens of Kalmykia, H. Okunova, Doshk. vosp. 41 no. 1 81 '68.

372(479 24)—Azerbaijan S. S. R.

Some problems relating to the education of children in Azerbaijan I. A. Gadzhiev, Izv. AN Azerb. SSR, 1 ser. filol. i prav. no 1 70-81 '67.

372(479 25)—Armenian S. S. R.

A rural school, I. N. Vartanian, Nach. shkola 35 no. 12 48, 55 D '67.

372(73)—United States of America

Toys in the form of monsters, H. Kaganovskaya, Doshk. vosp. 40 no. 12 101-104 '67.

372 364 MANUAL TRAINING IN SCHOOLS

Development of independent work habits in manual training classes, R. V. Ponomareva, Nach. shkola 36 no. 1 56 Ja '68.

A device for making the capping of bundles, Zh. P. Danilov, Shkola i prosv. 11 no. 12 30-31 D '67.

Experience in raising the qualifications of manual training teachers, I. D. Votintsev, Shkola i prosv. 11 no. 1 58-59 D '67.

Give manual training a polytechnical basis, V. I. Sventitskii, Shkola i prosv. 11 no. 6 11-14 D '67.

Inculcating discipline in students during their work in instructional workshops P. P. Stizhikhina, Shkola i prosv. 11 no 6 16-17, 30 '68.

Individual and collective work of the schoolchildren, I. I. Noskov, Shkola i prosv. 11 no. 12 14-15 D '67.

Manual training curriculum in a course on Art, V. I. Rublinskii, Shkola i prosv. 11 no. 6 19-21 D '67.

Manual training curriculum in the processing of wood, L. V. Osipova, Shkola i prosv. 11 no. 6 14-16 D '67.

Organization of practical work, A. I. Shchegolev, Shkola i prosv. 11 no. 12-28 D '67.

Our best people, Shkola i prosv. 11 no. 6 20, 13 '67.

Practical work and the student's education, I. M. Shchegolev, Shkola i prosv. 11 no. 12 11-13 D '67.

Perfecting the manual training of schoolchildren, V. I. Strezikozin, Shkola i prosv. 11 no 6 3-5 D '67.

Principles of manual training, I. I. Dmitriyev, Shkola i prosv. 11 no. 12 20-22 D '67.

A room for manual training classes, A. E. Shabanov, Nach. shkola 36 no. 1 54-55 Ja '68.

Scientific research in polytechnical and manual training, A. A. Poliakov, Shkola i prosv. 11 no. 12 3-4 D '67.

Study of electric wiring diagrams in manual training, V. I. Rokov, Shkola i prosv. 11 no. 12 14-15 D '67.

A teacher of manual training, R. M. Udalov, Shkola i prosv. 11 no. 6 31-32 D '67.

Technical modeling, M. A. Ryzhukhin, Shkola i prosv. 11 no. 6 29-31 D '67.

Work and the beautiful, I. I. Mokin, Shkola i prosv. 11 no 6 9-10 D '67.

372 364(431)—German Democratic Republic

Organization of the student's practical work, Viktor Schilder, Shkola i prosv. 11 no. 12 63-65 D '67.

372 364(471 232)—Leningrad City

Scientific organization of work in school shops
Z. Lisagor Prof -tekh obr 24 no 7 15-16 JI '67

372 364(471 61)—Rostov Province

Realist competitions of students in the manufacture of industrial products M G Eitispokhov Sred spets obr 14 no 12 27-29 D '67

372 364(477)—Ukrainian S.S.R.

Vocational training and vocational education in Ukrainian schools during the prewar years 1937-1941 M G Khitarovich Nov issl v ped nauk no 8 103-109 '66

373 SECONDARY EDUCATION

Developing polytechnical knowledge in secondary school as exemplified by machine equipment and mechanical technology Report No 1 Introduction F K Korzhinskiy Nov issl v ped nauk no 8 82-83 '66

Developing polytechnical knowledge in secondary schools as exemplified by machine equipment and mechanical technology Report No 3 Fifth to eighth grades G IU Penkovich Nov issl v ped nauk no 8 90-95 '66

Developing polytechnical knowledge in secondary schools as exemplified by machine equipment and mechanical technology Report No 4 Senior grades E K Korzhinskiy, G IU, Penkovich Nov issl v ped nauk no 8 96-102 '66

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Let us multiply the positive experience in educational work, I. A. Beloglazov Sred spets obr 14 no 8 1-4 Ag '67

The new school year and the new tasks N. P. Krasnov, Sred spets obr 13 no 9 1-3 S '66

Parents and the tasks of schools L. N. Pirozhnikov Rad, obr 47 no 1 96-100 Ja '68

Psychological fundamentals of agricultural experimentation, I. P. Dalia Shkola i proizvod, 11 no 12 22-24 D '67

Raising the requirements for education in biology in secondary schools, L. I. Lohinova, M. I. Fedorenko Rad shk 46 no 9 68-72 S '67

Student's training in agricultural work, G. A. Samyshkin, K. P. Serebriakov, K. I. Oshpov, Shkola i proizvod, 11 no 12 25-26 D '67

Teaching the elements of computing mathematics in the senior grades of secondary schools Report No 3 Methods of studying the effectiveness of the mastering of knowledge by students A. I. Ianchukov Nov issl v ped nauk no 8 32-36 '66

With the young naturalists and technicians V. Filippova, Kar obr 1 no 66-69 Ja '68

Zhukov, A. G. [Material for lectures and discussions on contemporary Soviet literature in secondary schools] Material k tekstam i besedam po sovremennoi sovetskoi literature v srednei shkole Minsk, "Narodnaya shkola," 1966, 81 p.

373(437)—Czechoslovakia

Scientific and technical information and the secondary schools Milos Hlinka Sred spets obr 11 no 9 49-56, 52 S '66

373 6 TECHNICAL AND VOCATIONAL INSTITUTES, POLYTECHNICAL INSTITUTES

Basic stages in the development of factory schools; 1918-1940. Report No 3 Development of factory schools as uniform institutions of vocational education in industrial enterprises 1933-1940 E. G. Osavskiy, Nov issl v ped nauk no 8 115-120 '66

Content and system of teaching methods in general technical subjects, L. I. Moroz, Sred spets obr 14 no 8 15-20 Ag '67

Determining the content of vocational and technical education, P. R. Atulov, Nov issl v ped nauk no 8 75-81 '66

Developing polytechnical knowledge in secondary schools as exemplified by machine equipment and mechanical technology Report No 1 Introduction E. K. Korzhinskiy Nov issl v ped nauk no 8 82-83 '66

Developing polytechnical knowledge in secondary schools as exemplified by machine equipment and mechanical technology Report No 2 The elementary grades B. A. Golub, Nov issl v ped nauk no 8 84-89 '66

Developing polytechnical knowledge in secondary schools as exemplified by machine equipment and mechanical technology Report No 3 Fifth to eighth grades G. IU, Penkovich Nov issl v ped nauk no 8 90-95 '66

Developing polytechnical knowledge in secondary schools as exemplified by machine equipment and mechanical technology Report No 4 Senior grades E. K. Korzhinskiy, G. IU, Penkovich Nov issl v ped nauk no 8 96-102 '66

An educational methodological section helps industry, N. Shilakov Prof -tekh obr 24 no 7 30 JI '67

An exhibition of students' works, V. Neelov, Sred spets obr 13 no 9 18 S '66

Experience in the work on vocational orientation, N. M. Salopeko, Shkola i proizvod, 11 no 8 10-12 Je '67

Fifteen-year-olds have come to study, N. P. Pakhomova, Sred spets obr 13 no 9 7-11 S '66

Follow-up of our articles: letters to the editor B. Kuz'min, G. Gitskaia Sred spets obr 14 no 12 49-50 D '67

Foreign chronicle Sred spets obr 13 no 6 14-45 '66

Here they train specialists for rural construction, I. Suvein Sel', stroi 18 no 8 21-22 Ag '63

Improving the instruction in mechanical engineering N. I. Ralskiy Sred spets obr 13 no 9 22 S '66

In step with life A. Akhapiia Prof -tekh obr 24 no 7 17-18 JI '67

In the Ministry of Higher and Secondary Vocational Education of the U.S.S.R. Sred spets obr 13 no 9 44 S '66

Increasing the effectiveness of applied economics classes, A. I. Gausman, Sred spets obr 13 no 6 30-33 Je '66

Inspection of vocational schools L. Rodzevich Prof -tekh obr 24 no 7 22-23 JI '67

The Khabarovsk Technical School of Railway Transportation N. Golato Sred spets obr 14 no 12 16-47 D '67

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Let us concentrate our attention on the unsolved problems Prof -tekh obr 24 no 7 1-2 JI '67

Let us multiply the positive experience in educational work, I. A. Beloglazov Sred spets obr 11 no 6 1-4 Ag '67

Motives which induce teenagers to choose a vocation V. V. Iatoshenko Rad shk 17 no 1 65-68 Ja '68

A need for research work in vocational orientation, V. V. Chebysheva, Shkola i proizvod, 11 no 12 9-10 D '67

A new form of programmed instruction classes V. L. Finkel'man Sred spets obr 14 no 12 13-16 D '67

New recruits of the labor army, A. Bulgakov, NTO 9 no 12 7-9 D '67

The new school year and the new tasks N. P. Krasnov, Sred spets obr 13 no 9 1-3 S '66

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Organization and work of a club of technological creation in chemistry N. A. Chupurna Sred spets obr 13 no 6 53 Je '66

Our consultations, Sred spets obr 13 no 6 46-47 Je '66

Our interviews: Reports of the delegates to the 15th Congress of the V. I. Lenin All-Union Communist Youth League Sred spets obr 13 no 6 5-8 Je '66

Our suggestions, V. Dem'ianenko, P. Podgatskii, Sred spets obr 13 no 6 37-31 Je '66

The place of vocational guidance I. Sandomirskii Nal obr 1 no 70 Ja '68

"Radiotekhnika" Sred spets obr 14 no 12 47 D '67

Regional exhibitions of technical education, M. Merman, Sred spets obr 14 no 8 33 Ag '67

Scientific research in polytechnical and manual training, A. A. Polinikov, Shkola i proizvod, 11 no 12 3-8 D '67

Scientific work in higher technical schools of machine building, V. T. Meshcherin, Izv. vys. ucheb. zav. mashinostroenie no 10 5-12 '67

Students evaluate their knowledge, V. A. Sambov Sred spets obr 13 no 9 24-28 S '66

A teachers' conference, L. Shkap, Sred spets obr 14 no 12 50 D '67

Teaching youth to be staunch and faithful Leninists: notes from the plenum of the Methodological Council, Sred spets obr 11 no 8 46-50 Ag '67

Toward the glorious anniversary, P. I. Aksekov, V. A. Meleshin, A. V. Farber, Sred spets obr 14 no 8 10-11 Ag '67

Training in economics, Kh. M. Dekster, N. M. Chernogubovskaya, Sred spets obr 13 no 9 23-24 S '66

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Use of All-Union standards in education, E. S. Edius Sred spets obr 13 no 9 27-30 S '66

A useful discussion Prof -tekh obr 24 no 7 29 JI '67

We are training industrial artists, I. Volkotrub, Sred spets obr 13 no 9 53-3 of cover S '66

We should systematize the polytechnical knowledge, A. A. Ershov, Shkola i proizvod, 11 no 12 27 D '67

373 6(431)—German Democratic Republic

The training of specialists in technical education, Gerhard Wachner, Shkola i proizvod 11 no 8 70 Je '67

373 6(471 232)—Leningrad City

Source of increased forces, A. Filin, NTO 9 no 12 5-6 D '67

373 6(471 310)—Moscow City

Classes in radio engineering, M. Kaznik Prof -tekh obr 24 no 7 19-20 JI '67

Educating high-principle fighters, A. Potasnikov, Prof -tekh obr 24 no 7 25 JI '67

373 6(471 327)—Penza Province

A technical school in Penza, K. P. Koronov, Sred spets obr 13 no 6 50 Je '66

373 6(471 44)—Saratov Province

The secondary technical schools of Saratov prepare for the anniversary of the October Revolution, B. Almazov Sred spets obr 14 no 8 53-55 Ag '67

373 6(471 54)—Sverdlovsk Province

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Through the prism of economics, P. Zhukov, NTO 9 no 12 46 D '67

373 6(474 2)—Estonian S.S.R.

Continuous contacts between instruction and work activity, M. I. Nogimirovskii Sred spets obr 13 no 9 34-35 36 S '66

373 6(471 3)—Latvian S.S.R.

The search will continue, L. P. Krutikala, V. A. Rudkin, Sred spets obr 14 no 12 24-28 D '67

373 6(476)—White Russian S.S.R.

Our first experiment G. Koldaev, Sred spets obr 13 no 9 11 S '66

A working kinematic hookup of a machine tool model M. Sh. Tanopol'skiy Sred spets obr 14 no 12 12-13 D '67

373 6(477)—Ukrainian S.S.R.

For the theaters of our country, G. Kurus', Sred spets obr 13 no 6 28-29 Je '66

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Manual training and vocational education in Ukrainian schools during the prewar years, 1937-1941, M. G. Khitarovich, Nov issl v ped nauk no 8 103-109 '66

Our experience in creating a system for vocational guidance work, L. I. Didenko Rad shk 46 no 9 80-82 S '67

373 6(478)—Moldavian S.S.R.

Students' experience in creating a laboratory on automation, S. G. Vorob'ev Sred spets obr 13 no 6 12-16 Je '66

373 6(479 22)—Georgian S.S.R.

The Georgian S.S.R., G. Vazarianvili Sred spets obr 14 no 6 5-7 Ag '67

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373 6(497 2)—Bulgaria

Technological progress and the training of secondary technical personnel in Bulgaria, A. Koptiev, Sred spets obr 13 no 6 11-44 Je '66

373 6(571 51)—Krasnoyarsk Territory

Friendly cooperation of a school group with a building brigade, B. B. Bobrovskii Sred spets obr 14 no 12 29 D '67

373 6(571 53)—Irkutsk Province

A young polytechnical school, L. P. Koz'min, Sred spets obr 11 no 12 40 D '67

373 6(574)—Kazakh S.S.R.

Dependable reinforcement, A. Mukanov, Prof -tekh obr 24 no 7 3 JI '67

An important means of ideological and political training, E. Zinenko, I. Kolyanov, Prof -tekh obr 24 no 7 5-8 JI '67

Let us develop and improve the training of cadres in Kazakhstan Prof -tekh obr 24 no 7 3 JI '67

Out-of-class work should be interesting and stimulating, A. I. Sofronova Sred spets obr 14 no 12 22-24 D '67

373 6(576 1)—Uzbek S.S.R.

The Bukhara Agricultural School, Kh. A. Khidolatov, G. I. Murtaizin, Sred spets obr 13 no 6 10-19 Je '68

Development of vocational education in the Union Republics, The Uzbek S.S.S.R., F. Khamidov, Sred spets obr 13 no 9 4-6 S '66

In the State Committee for Vocational and Technical Education attached to the Council of Ministers of the U.S.S.R., Prof -tekh obr 24 no 7 21 JI '67

373 6(576 2)—Kirghiz S.S.R.

Practical work of young miners, N. Mordvin, Prof -tekh obr 24 no 7 11 JI '67

373 68 AGRICULTURAL TRAINING

Marked by the improved training of specialists in agriculture, N. F. Panshin, Sred spets obr 13 no 9 43-48 S '66

Mathematical treatment of test results, G. P. Shul'nev, Shkola i proizvod 11 no 6 27-28 Je '67

373 68(576 2)—Kirghiz S.S.R.

Friendly cooperation of a state farm and a school, I. Dzholochiev, Prof -tekh obr 24 no 7 8 JI '67

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539 6 STANDARDIZATION

Standard on molds for vulcanizing tires. B.S. Part 1. 1st ed. 15 Khm 1 nat. mch. inst. no. 11 19-12 N '65

Standards and progress. N. Shajova. Mashinostroitel' no. 1 23-30 Ja '68

Use of all-Union standards in education. E. S. Medus. Sred. shkola no. 13 no. 9 27-30 S '66

39 ETHNOGRAPHY. CUSTOM AND TRADITION. FOLKLORE. SOCIAL ANTHROPOLOGY

Essays on Soviet ethnographic studies. I. V. Bredin. Vop. ist. 43 no. 1 37-56 Ja '68

39(52)—Japan

Holidays of Japanese children. E. Smirnova. Doshk. vosp. 41 no. 1 96 '68.

341 COSTUME. ADORNMENT. FASHION

Indices. T. Fontreva. Doshk. vosp. 10 no. 9 '61 '67

352 PRIVATE AND FAMILY LIFE

About Nizhnia. R. Ipatova. Doshk. vosp. 40 no. 12 41-45 '67

About the date of us. I. Korzhagina. Doshk. vosp. 10 no. 8 32 '67

About the wedding. K. Volkova. Doshk. vosp. 11 no. 1 57-59 '68.

At my mother's debt. K. Gailor. Doshk. vosp. 10 no. 8 55-56 '67

Are careful! The children are near. I. Rubashina. Doshk. vosp. 10 no. 8 50-52 '67

For the sake of the child. E. I. VA. Doshk. vosp. 10 no. 12 41-50 '67

Goodbye, future. I. Trumkina. Doshk. vosp. 11 no. 1 55-56 '68

If it to be happy. Viktor Lunden. Doshk. vosp. 10 no. 7 41-44 '67

I am raising a son. V. Bocharova. Doshk. vosp. 10 no. 12 38-41 '67

A letter to the editors. N. I. Anskina. Doshk. vosp. 10 no. 9 14 '67.

My mother. T. Limolina. Doshk. vosp. 10 no. 8 51 '67.

One need not be afraid of his mother. N. Kuznetsova. Doshk. vosp. 40 no. 12 50 '67

Responsibilities of the young family. Doshk. vosp. 10 no. 8 3-5 '67.

Thank you, mother! A. Chelnomashchenko. Doshk. vosp. 40 no. 8 53-54 '67.

This is a serious step. V. B. Va. Doshk. vosp. 41 no. 1 54 '68.

"We are parents and not teachers." A. Vinogradova. Doshk. vosp. 10 no. 8 57-59 '67.

We pick them, we gather them. N. Filippova. Doshk. vosp. 40 no. 8 98-100 '67

With a loving word. N. Iakovleva, G. Donsent. Doshk. vosp. 40 no. 12 51-53 '67

394 PUBLIC LIFE. SOCIAL LIFE

Holidays of the workers of the petroleum and gas industries of the U.S.S.R. Izv. vyz. ucheb. zav. in. 61 1 gaz. 9 no. 9 3-1 '65.

396 WOMEN AND SOCIETY. FEMINISM

Conferences of the women deputies of the Soviets devoted to the anniversary of the October Revolution, October 1927. L. D. Vukuk. Ukr. ist. zhur. 11 no. 10 106-108 O '67.

Constitutional principle of the equality of men and women in the U.S.S.R. V. L. Bil'shat. Uch. zap. VNIISZ no. 10 220-223 '67

Declaration of the United Nations on eliminating the discrimination against women. IU. Karimov. Rad. pravo no. 2 99-101 F '68

Our roll call. M. Krasovskii. B. Prusa. Sots. zakon. no. 7 21-25 Ji '67.

The rights of women according to Soviet law. Rad. pravo no. 2 13-16 F '68

Shining path. T. N. Nikolaeva. Sov. profsoyuzy 23 no. 21 4-6 N '67

The women in the U.S.S.R. Vest. stat. no. 1 82-96 '68

398 FOLKLORE

398(478)—Moldavian S.S.R.

Russian traditional lyrical folk songs in Moldavia. R. A. Bogomolova. Uch. zap. Kish. un. 88 87-94 '67.

398(495)—Greece

Folklore characteristics of a tradition concerning the Corinthian Tyrant Cypselos. M. V. Skrzhibinskaia. Vest. drev. ist. no. 3 65-73 Ji-Ag-S '67.

4. PHILOLOGY. LINGUISTICS. LANGUAGES

41 PHILOLOGY

Basic methods of linguistic reconstruction. G. S. Klychkov. Vop. iaz. 10 no. 6 30-40 N-D '61

Books, periodicals, and booklets received by the editor. Vop. iaz. 10 no. 3 158 Mv-Jc '61

Books, periodicals, and booklets received by the editor. Vop. iaz. 10 no. 6 111 N-D '61

Brief news. Vop. iaz. 10 no. 3 116-117 Mv-Jc '61

Brief news. Vop. iaz. 10 no. 6 130-140 N-D '61

Brief news. Vop. iaz. 10 no. 1 159-165 Ja-I '63

Development of habits of oral speech in a foreign language, from training experience at the Kirov Vuz. Pechersk College. Uch. zap. Kish. un. 77 90-95 '66

Is there an international vocabulary? V. V. Akadets. Vop. iaz. 10 no. 3 60-69 Mv-Jc '61

Language contacts. A. IU. Rozentveyg. Vop. iaz. 12 no. 1 57-66 Ja-I '63

Methodology of the historical and comparative study of unrelated languages. A. P. Dol' on. Uch. zap. TGU no. 17 78-87 '66

Principal reports delivered at the 6th International Linguistic Congress. B. A. Svirchinskii. Vop. iaz. 12 no. 1 151-158 Ja-I '63

Reformation of transformational grammar. R. B. Liz. Vop. iaz. 10 no. 6 11-50 N-D '61

A scientific conference "The Lomonosov Lectures." M. L. Remneva, A. IA. Esinob. Uch. zap. Kish. un. 77 101-105 '66

The second traditional Olympic conference in linguistics and mathematics. B. IU. Gortchakov. Uch. zap. Kish. un. 77 101-105 '66

Some causes of the stability of agglutinative linguistic structures. B. A. Svirchinskii. Vop. iaz. 12 no. 1 46-56 Ja-I '63

Speech articulation at preschool age. V. Telench. Doshk. vosp. 11 no. 1 20-32 '68.

The standard form and quantitative characteristics of some linguistic descriptions. I. A. Melchuk. Vop. iaz. 12 no. 1 113-123 Ja-I '63

Typological classification of languages on a basis of linguistic characteristics. Structure of the archetypal language in the typological classification of language. B. A. Uspenskii. Vop. iaz. 10 no. 6 51-64 N-D '61

The unpublished linguistic heritage of I. D. Polivanov. Vop. iaz. 12 no. 1 96-98 Ja-I '63

Vital category of maximum nonmaximum. B. M. Balin. Uch. zap. Kish. un. 77 22-29 '67

We need bilingual dictionaries of personal names. I. P. Stupin. Uch. zap. Kish. un. 77 66-75 '66

What the linguists are working on. Vop. iaz. 10 no. 3 144-147 Mv-Jc '61

Word boundaries. V. M. Zhuravskii. Vop. iaz. 10 no. 3 3-21 Mv-Jc '61

41(41)—United Kingdom and Northern Ireland

Visiting English analysts. G. J. Bruton. Vop. iaz. 12 no. 2 136-143 '68

41(437)—Czechoslovakia

A conference on Slavic syntax in Brno. I. Bauer. Vop. iaz. 10 no. 6 132-137 N-D '61

41(471-24)—Novgorod Province

Interpretation of a feature of case systemism in the Old Novgorod dialect. A. N. Dobronosova. Vop. iaz. 10 no. 6 83-89 N-D '61

41(571)—Asianic R. S. F. S. R.

New Russian hydronymic models based on the materials of the hydronymy of Eastern Siberia. I. A. Vozubova. Uch. zap. TGU no. 57 57-62 '68.

A vocabulary of some foreign words in the dialects of the central Ob' Valley. V. V. Palagina. Uch. zap. TGU no. 57 34-40 '66.

41(571-16)—Tomsk Province

Characteristics of the morphological system of nouns in the dialect of Ishtan, a village in the Kiselevsk District of Tomsk Province. O. N. Kisileva. Uch. zap. TGU no. 57 11-50 '66

Characteristics of vociferous in the language of official documents of the 17th century of the city of Tomsk. S. I. Mazo. Uch. zap. TGU no. 57 63-69 '66.

Manifestation of morphological and syntactic interference in some phrases noted in the Russian speech of the Tomsk Province Tatars. O. I. Gordeeva. Uch. zap. TGU no. 57 88-96 '66

Some characteristics of government in the dialects of Tomsk and Kemerovo Provinces. F. M. Panteleeva. Uch. zap. TGU no. 57 51-56 '68.

41(571-17)—Kemerovo Province

Some characteristics of government in the dialects of Tomsk and Kemerovo Provinces. F. M. Panteleeva. Uch. zap. TGU no. 57 51-56 '66

42 LANGUAGES AND DIALECTS

Method for constructing formal morphology of languages for machine translation. I. L. Bratchkov, I. A. Mikhailova. Metod. vych. no. 4 110-136 '67

42(47)—Union of Soviet Socialist Republics (U.S.S.R.)

At the Institute for Non-Russian Schools. M. Shakhlin. Nau. obr. no. 1 122-125 Ja '68

43 GERMANIC LANGUAGES

Formation of speech habits during foreign language instruction based on German language materials. Report No. 2. System of exercises for developing speech habits in the initial phase of instruction. L. G. Voronin, I. I. Bogdanov. IU. A. Burlakov. 200 1961. ped. nauk no. 8 151-155 '66

Iakub, V., and P. Lind. [Russian-Norwegian phrase book] Russko-norvezhskii razgovornik. Moskva, "Progress," 1965. 315 p.

Questions and answers. O. D. Ventsman. Uch. zap. per. MGPIIA no. 1 112-117 '67

Relationship between the spoken and written language. V. Motch. Vop. iaz. 12 no. 1 90-95 Ja-I '63

Semantics of participles in modern German: problem of word sameness. A. N. Shomin. Uch. zap. Kish. un. 77 1-21 '67

Ways of developing the causative verbs in the German language. F. M. Mandler. Uch. zap. TGU no. 57 103-111 '67

43-1 ENGLISH

Basic stages of training a translator. A. I. Reister. Uch. zap. Kish. un. 77 66-75 '67

Communicative division of a sentence based on materials of parallel combination with a definite article and demonstrative pronoun in modern English. K. G. Selezneva. Nauch. dokl. vyz. shkoly, filol. nauk. 9 no. 1 122-130 '66.

Figurative phrases expressing comparison in modern English. IA. G. Benchenko. Nauch. dokl. vyz. shkoly, filol. nauk. 9 no. 1 131-139 '66

Foreign language lessons on television. A. Kosmodem'skanskaya. Doshk. vosp. 41 no. 1 20-22 '68

Preservation of the individual character of the original in translation. G. G. Pokhlepov. Uch. zap. Kish. un. 77 101-103 '67

Three degrees of the complex use of nominal sentences. O. M. Baisova. Vop. iaz. 10 no. 3 98-103 Mv-Jc '61

44 ROMANCE LANGUAGES

Development of terms for designating carriage and its constituent parts in Moldavian dialects. A. S. Sorbale. Uch. zap. Kish. un. 77 22-31 '66.

Elliptical verbless sentences. I. D. Andriyeva. Uch. zap. Kish. un. 77 66-75 '66

Logical accentuation. P. S. Popov. Vop. iaz. 10 no. 3 87-97 Mv-Jc '61

Marion'yanov, IU. S., and I. I. Magdusieva. [French language for adults] Frantsuzskii iazyk dlia vzroslykh. Moskva, "Nauka," 1967. 309 p.

The prefix "de" in modern French. G. S. Chuchik. Uch. zap. Kish. un. 77 12-15 '66.

Present state of the Spanish language and problems in its study. R. A. Budagov. Nauch. dokl. vyz. shkoly, filol. nauk. 9 no. 1 162-166 '66.

Problems of the relative future in Italian. G. G. I. Gheorgiu. Vop. iaz. 10 no. 3 104-109 Mv-Jc '61

Relationship of affixal word formation to the original and literary basis in modern French. I. A. Tsyhova. Uch. zap. Kish. un. 77 76-82 '66.

Semantic categories of the parts of speech. S. I. Kanamich. Uch. zap. Kish. un. 77 83-89 '66.

Synthetic patronymy based on the materials of the Spanish language. Vop. iaz. 10 no. 6 90-92 N-D '61

47 CLASSICAL LANGUAGES (LATIN AND GREEK)

Etymology of the Greek word *horos*. F. I. Molina. V. A. Gubova. Uch. zap. TGU no. 57 91-96 '66

Lempel', N. M. [The Latin language] Latinskii iazyk. Moskva, "Meditsina," 1960. 251 p.

A type of prohibition in the Latin language. G. A. Chugina. Uch. zap. TGU no. 57 100-101 '66.

48 SLAVIC AND BAL TIC LANGUAGES

An all-Slavic linguistic atlas. Vop. iaz. 10 no. 3 16-30 Mv-Jc '61

An all-Slavic linguistic atlas. Vop. iaz. 10 no. 6 65-71 N-D '61

A conference on Slavic syntax in Brno. I. Bauer. Vop. iaz. 10 no. 6 132-137 N-D '61

Early history of Slavic velars. M. I. Burlakova. Vop. slav. iaz. no. 6 48-65 '62

An experimental questionnaire for the Slavic linguistic atlas. Vop. iaz. 12 no. 1 67-74 Ja-I '63

Geography of the Slavic words "Dozhd'" and "Sneg." N. I. Tolstol. Vop. slav. iaz. no. 6 146-155 '62

History of the Slavic verbal aspect. V. P. Gidkov. Vop. iaz. 12 no. 1 86-89 Ja-I '63

Linguistic basis of the hypothesis on the Vistula-Oder area as the original homeland of the Slavs. V. V. Martynov. Vop. iaz. 10 no. 3 31-59 Mv-Jc '61

Principles of compiling a dictionary of the Old Slavic language. R. M. Tserdin. Vop. slav. iaz. no. 6 112-139 '62.

Problems of linguistic terminology and of conventional symbols in the Slavic languages. P. Ivic. Vop. iaz. 12 no. 1 18-28 Ja-I '63

Problems of Slavic and Iranian linguistic relations in the ancient period. A. A. Zaharnak. Vop. slav. iaz. no. 6 28-45 '62.

- The Proto-Slavic "kot-." V. N. Toporov. Vop. slav. iaz no 6 173-176 '63
- Reconstruction of the stress in the Proto-Slavic verb V. A. Dybo Vop. slav. iaz no. 6 3-27 '62
- Result of the typological study of the Slavic word-stock. N. I. Tolstol Vop. iaz 12 no 1 29-45 Ja-F '63
- Slavic inscriptions in Wallachia, Moldavia, Transylvania, and Dobruja D. P. Bogdan Vop. iaz 10 no 6 72-82 N-D '61
- Some results of the development of Soviet Slavic studies I. A. Khrenov Vop. iaz 43 no 1 64-74 Ja '66
- 482 RUSSIAN**
- At the Institute for Non-Russian Schools M. Shibaikin Nat. obi no 1122-1135 Ja '66
- Auxiliary verbs with attendant meaning in the Russian language. M. A. Shelaikin. Nauch. dokl. vys. shkoly, filol. nauki 9 no 4 110-121 '66
- Connective constructions in expositions and compositions P. V. Kobzev. Nach. shkola 35 no. 12 56-57 D '67
- Contributions of Leningrad methodologists to the methodology of teaching Russian language in elementary grades P. A. Grushnikov, N. K. Nikitina. Nach. shkola 35 no 12 63-66 D '67
- The correlation of constructions with reflexive and non-reflexive verbs. N. A. Lobanova. Nauch. dokl. vys. shkoly, filol. nauki 9 no 4 75-86 '66
- Developing the vocabulary of children. V. Loginova. Doshk. vosp. 40 no. 9 21-27 '67
- Development of adjectival phrases in the Russian literary language of the 19th century N. N. Prokopyevich Vop. iaz 12 no 1 75-85 Ja-F '63
- A draft program in explanatory reading. V. G. Goritskii Nach. shkola 35 no. 12 74-78 D '67
- The environment as a distinctive feature of phraseological units. M. T. Tagiev. Nauch. dokl. vys. shkoly, filol. nauki 9 no. 4 66-74 '66
- Experience in developing grammatically correct speech in children. R. Statsenko. Doshk. vosp. 40 no. 9 9-11 '67
- Familiarizing the children with the phonetic structure of words. G. Tumakova. Doshk. vosp. 40 no. 9 31-36 '67
- The first phraseological dictionary G. Denisenko. Doshk. vosp. 41 no 173 '68
- For a high level of theoretical instruction in the Russian language. N. A. Shcherbakova, K. T. Golovina, T. G. Ramzaeva. Nach. shkola 35 no 1 76-79 Ja '68
- Games in Russian language classes. G. V. Ivanova. Nach. shkola 35 no 12 22-28 D '67
- General laws governing the development of the vocabulary of literary Russian in the 19th century I. I. S. Sorokin Vop. iaz 10 no 3 22-35 My-Je '61
- How I teach the youngest group their native language. N. L. Nazarova. Doshk. vosp. 40 no. 9 11-12 '67
- Iakub, V., and P. Lind.** [Russian-Norwegian phrase book] Russko-norvezhskii razgovornik. Moskva, "Progress," 1965 316 p
- Letters to the editor. S. N. Potapov. Nauch. dokl. vys. shkoly, filol. nauki 9 no. 4 192-195 '66
- Lexical and phonetic variations of words in dialects O. I. Blinova. Uch. zap. TGU no 57 17-31 '66
- Lexical parallelism in the field of objects: based on Russian language materials. V. G. Balkov. Nauch. dokl. vys. shkoly, filol. nauki 9 no 4 87-99 '66
- Logical accentuation P. S. Popov. Vop. iaz 10 no 3 87-97 My-Je '61
- Logical vocabulary lessons in the first grade. V. Kiriushkin. Doshk. vosp. 10 no. 9 13-14 '67
- The meaning relationships between members of the correlative pairs of the prefixational type. O. M. Sokolov. Uch. zap. TGU no. 57 3-8 '66
- Mikhailov, M. M.** [The culture of Russian speech] Kul'tura russkoi rechi. Cheboksary, Chuvashskoe kn. izd., 1966 214 p.
- More about the character of the provincial dictionary. P. P. Sorokolotov. Nauch. dokl. vys. shkoly, filol. nauki 9 no. 5 140-145 '66
- The phonetics of Metel'slav's charter prepared about 1130. G. O. Vinokur. Vop. slav. iaz no. 6 66-75 '62
- The place of the extended attribute in relation to the attributed word in the Russian sentence V. Z. Samnikov. Vop. iaz 12 no 1 124-130 Ja-F '63
- Quantitative analysis of the lexical structure of some Russian texts. F. Pap. Vop. iaz 10 no 6 93-100 N-D '61
- "Russkaya rech'" in 1867. G. Denisenko. Doshk. vosp. 40 no. 12 62-65 '67
- Some general trends in the development of the Russian literary language in the 20th century. M. V. Panov. Vop. iaz 12 no. 1 3-17 Ja-F '63
- Some regularities in the development of the structural types of complex sentences in the literary Russian of the 16th century N. S. Pospelov. Vop. iaz 10 no. 6 3-13 N-D '61
- Some urgent problems of speech development. G. Liamina. Doshk. vosp. 40 no. 9 15-18 '67
- Spelling of proper nouns. S. F. Zhukov. Nach. shkola 30 no. 1 80-84 Ja '68
- Style exercises in connection with the study of the verb. Sh. V. Zhurzhina. Nach. shkola 35 no. 1 30-13 Ja '68
- Stylistological mistakes in speech. A. N. Matveeva. Nach. shkola 35 no. 12 20-21 D '67
- Temporary functions of the verb in subordinate sentences; the perfect and imperfect tenses. E. G. Nikitina. Nauch. dokl. vys. shkoly, filol. nauki 9 no. 4 100-109 '66
- There are various voids A. Zheltov. Doshk. vosp. 40 no 8 72 '67
- Types of lexical differences of a dialectal language O. I. Blinova. Uch. zap. TGU no 57 9-16 '66
- Understanding of words by 3-5 year old children A. Bogatyreva. Doshk. vosp. 40 no 9 18-21 '67
- Word formation of verbs of motion in the Russian language E. V. Chesko. Vop. slav. iaz no 6 156-171 '62
- Word order in a group of definable words and the coordinating attributive determination in the Russian language. G. I. Klimovskaya. Uch. zap. TGU no 67 70-77 '66
- Work on pronunciation in the 1st-2d grades V. E. Ososovskaya. Nach. shkola 35 no. 12 17-20 D '67
- The written language and specific ways of its study T. M. Nikolaeva. Vop. iaz 10 no 3 78-86 My-Je '61
- 484 OTHER SLAVIC LANGUAGES**
- Origin and development of types of complex sentences: based on materials of the Czech language I. A. Bauer. Vop. slav. iaz no 6 89-111 '62
- Research work on the Sorbic language at the Institute of Sobic Ethnography of the German Democratic Republic H. Faska. Vop. iaz 10 no 3 140-141 My-Je '61
- Stages of the loss of nasality in the southwestern Macedonian dialects V. M. Ulich-Svitych. Vop. slav. iaz no 6 76-88 '62
- 488 BALTIC LANGUAGES**
- Collection and study of toponyms in the Lithuanian S. S. R. E. Grinoveckiene, J. Senkus. Vop. iaz 10 no 6 130-131 N-D '61
- 491 OTHER INDO-EUROPEAN LANGUAGES**
- Approach of Armenian consonantism Jan Orelsh. Vop. iaz 10 no 3 44-45 My-Je '61
- Problems of Armenian consonantism E. Benveniste. Vop. iaz 10 no 3 37-39 My-Je '61
- Problems of Slavic and Iranian linguistic relations in the ancient period A. A. Zaliznjak. Vop. slav. iaz no 6 28-45 '62
- Remarks on Armenian consonantism H. Vogl. Vop. iaz 10 no 3 10-43 My-Je '61
- Sentences with infinitive-verbal constructions in Bengali E. M. Bykova. Vop. iaz 10 no 3 110-111 My-Je '61
- The shift of consonants in the Armenian language E. A. Makaev. Vop. iaz 10 no 6 22-20 N-D '61
- 492 SEMITIC LANGUAGES**
- Typical case of breaking morphological rule in classical Arabic. A. I. S. Lekshtshvili. Soob. AN Gruz. SSR 17 no. 1 237-240 Ji '67
- 494 URAL-ALTAIC LANGUAGES**
- Abdullaev, T. A.** [Phonetics of Khorezmi dialects; experience in the monographic description of Oguz and Kipchak adverbs in the Uzbek language] Fonetika khorezmstikh govorov, opyt monograficheskogo opisanija oguzskogo i kipchakskogo narechij uzbekskogo iazyka. Tashkent, "Fan," 1967 245 p
- Comparative phonetics of the Kazakh and Uigur languages. Zh. Aralbaev, T. Talipov. Izv. AN Kazakh. SSR Ser. obshchestv. 5 no. 6 70-85 N-D '67
- The nature of sound changes in the Turkic languages, the change "1 ~ 2" R. G. Akhmetjanov. Vop. iaz 10 no. 6 128-129 N-D '61
- 494.6 CAUCASIAN LANGUAGES**
- A comparative and historical reconstruction of the declension system in the Proto-Kartvelian language G. A. Klimov. Vop. iaz 10 no. 6 14-21 N-D '61
- 495 SINO-TIBETAN LANGUAGES**
- The Tangut language and writing N. I. Konrad. Vop. iaz 10 no 3 115-125 My-Je '61
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- Problems of African studies discussed at the 25th International Congress of the Students of the Orient. Vop. iaz 10 no 3 142-143 My-Je '61
- 497 NORTH AND SOUTH AMERICAN INDIAN LANGUAGES**
- From materials on the language of the Botocudo Indians. N. G. Shpintsin. Vop. iaz 10 no. 6 101-107 N-D '61
- 5. MATHEMATICS AND NATURAL SCIENCES**
- 500 GENERAL**
- 500(476)—White Russian S. S. R.**
- White Russian science on the eve of the 50th Soviet anniversary. Dokl. AN BSSR 11 no 11 959-964 N '67
- 502 NATURAL HISTORY IN GENERAL**
- Bel'skaja, E. M., and K. Sh. Shabaev.** [Natural history; a textbook for the 4th grade of eight-year schools] Prirodovedenie; uchebnik dlia 4-go klassa vos'miletnoi shkoly. Izd. 6-e, perer. Tashkent, "Uchitel'," 1966. 270 p.
- Elements of entertainment in nature study classes. I. I. Nikitina, S. L. Okun', V. M. Shalavina. Nach. shkola 35 no 1 46-52 Ja '68
- 502.7 NATURE AND WILDLIFE PROTECTION WILDLIFE MANAGEMENT**
- Judicial examination of cases concerning the conservation of natural resources Sov. iust. 31 no 16 2 4 Ag '67
- Polevin, V. I., comp.** [Wildlife protection] Otkraz pirody. Moskva, "Prosveshchenie" Vyp. 2 1966 251 p
- Protection of natural resources and tasks of the pedagogical community V. S. Medyna. Rad. shk. 44 no 9 73-78 S '67
- 502.7(474.2)—Estonian S. S. R.**
- [Nature protection and landscape] Looduskaitse ja maastik Tallinn, Eesti NSV Põllumajanduse Ministeri mi Teaduslik-Tehnillise Informatsioon Büroo, 1966 105 p [In Estonian]
- Voore, Villem.** [Schools and wildlife protection] Shkola i okruhana prirody Tallinn, "Valgus," 1966. 105 p
- 502.7(571.61)—Amur Province**
- Remarkable river of the Amur region I. R. Sitil'eva. Priroda no 1 100-104 '68
- 51 MATHEMATICS**
- Development of the students' spatial concepts in the study of the metric system P. M. Polevnikov. Nach. shkola 35 no 12 29, 62, D '67
- A draft program in arithmetic. P. M. Erdniev. Nach. shkola 35 no. 12 79-81 D '67
- Experiment in the programmed instruction of arithmetic Report No. 1 Principles of preparing an experimental program for an elementary course in arithmetic V. G. Sal'mina, V. P. Sokhina. Nov. issl. v ped. nauk no 9 7-12 '66
- Laboratory work in mathematics in the 4th grades. Kh. S. Suleimenov. Nach. shkola 35 no 12 27-29 D '67
- [Mathematics] Ref. zhur. Mat. nos. 1-2, Jan.-Feb. 1968
- A new calculating device S. N. Mentovych. Rad. shk. 46 no 9 98-100 S '67
- The new program in mathematics for the 5th grade O. S. Dubynchuk. Rad. shk. 46 no 9 59-67 S '67
- Ryzhkov, V. V., E. N. Samsova, and B. V. Sitnikorad.** [Higher mathematics for students majoring in medicine and agriculture] Vysshaya matematika dlia meditsinskoi i gos'kokhozhastvennoi spetsial'nostei Moskva, 1967. 147 p
- The second traditional Olympic contest in linguistics and mathematics. B. I. U. Gaidetski. Nauch. dokl. vys. shkoly, filol. nauki 9 no. 4 189-188 '66
- Self-made games in arithmetic classes. I. H. Androshchuk. Rad. shk. 46 no 9 92-93 S '67
- Solving and composing typical problems. F. F. Sin'ia. Rad. shk. 46 no 9 83-87 S '67
- Teaching the elements of computing mathematics in the senior grades of secondary schools Report No. 3 Methods of studying the effectiveness of the mastering of knowledge by students. A. I. Isachenkov. No. issl. v ped. nauk no 8 32-36 '66
- 51.01 PHILOSOPHY OF MATHEMATICS**
- The role of mathematical practice in the development of the axiomatic method V. I. Molodshii. Vop. filoz. 22 no 1 134-143 '68
- 511 ARITHMETIC**
- A construction problem connected with the uniform distribution of fractions of exponential functions. L. P. Usol'tsev. Izv. vys. ucheb. zav. i mat. no. 12 75-83 D '67
- A dress from petals. The ants'cookies. A. Fedorenko. Nach. shkola 36 no. 1 47 Ja '68
- Problem solving by the ratio method. A. I. Andresh. Ra. shk. 47 no 1 44-47 Ja '68
- 512 ALGEBRA**
- Developing the concept of algebraic operations K. P. Zakharova. Nov. issl. v ped. nauk no 8 18-24 '66
- Multiplicities of representation weights and multiplicities of representations of semisimple Lie algebras A. I. Klimyk. Dokl. AN SSSR 177 no. 5 1001-1004 D '67
- 512.2 EQUATIONS**
- Solution of word equations with three unknowns I. I. Kimelevskii. Dokl. AN SSSR 177 no. 5 1023-1025 D '67
- Study of the topic "Functions and their graphs" in the 8th grades V. M. Petrov. Rad. shk. 47 no 1 60-63 Ja '68
- 512.8 DETERMINANTS**
- An analog of Andronov-Vitt's theorem. B. P. Demidovych. Dokl. AN SSSR 176 no. 5 994-996 O '67
- Contribution to the theory of soluble matrix groups. G. P. Zhavrid. Dokl. AN BSSR 11 no. 10 873-877 O '67

- On the ergodic (Birkhoff) theorem, V. N. Laptunskii, Izv. AN BSSR 11 no. 12 1051-1056 D '67.
- On a transformation in matrix spaces and Grassman's manifolds, E. L. Petrov, Dokl. AN SSSR 177 no. 1 22-27 D '67.
- On the hypothesis for Siegel's modular group of the $\Gamma(2)$ kind, A. N. Andrianov, Dokl. AN SSSR 177 no. 4 7-12 D '67.

512 9 VECTOR ANALYSIS CALCULUS OF TENSORS

- On the series of identities for secondary covariant derivatives of a curvature tensor, V. I. Bashkov, Izv. vys. ucheb. zav. mat. no. 116-17 Ja '68.
- On the problem in the theory of asymmetric potential and the system of circular and annular stamps, G. N. Petrov, Prikl. matem. 4 no. 12 16-27 D '67.

513 GEOMETRY

- Analysis of the composition of the system of knowledge in Euclidean elements, Report No. 1, General features of the organization of knowledge in the "Elements", - Stepan, A. M. Rozin, A. S. Mostaeva, Nov. usl. v pad. tekhn. 5:48-54 '66.
- On the filled models of geometric bodies, V. H. Kovalenko, Prikl. matem. 4 no. 10 1-11 Ja '68.
- On the properties of the subject outline of the program in mathematics, V. A. Chernitskii, uch. shkola 35 no. 12 68-62 D '67.

513 7 LINE AND ENUMERATIVE GEOMETRY COMPLEXES CONSEQUENCES CONNEXES KINEMATIC GEOMETRY, TRANSFORMATIONS

- Calculation of the pressure on the rolls during wide strip rolling, G. A. Smirnov-Miron, V. M. Rosenberg, P. S. Fokhts, Izv. vys. ucheb. zav. Chern. mat. 10 no. 11 4-15 '67.
- On the solutions for quasi-linear systems of four first-order partial differential equations, F. M. Kan, Izv. vys. ucheb. zav. mat. no. 178-80 Ja '68.
- Main sets of parallel and normal congruence of surfaces on P^3 , I. N. Krivososov, Izv. vys. ucheb. zav. mat. no. 178-81 Ja '68.

513 8 NON-EUCLIDEAN, MULTIDIMENSIONAL AND OTHER FORMS OF GEOMETRY FUNCTIONAL AND HILBERT SPACES

- A class of integral geometry problems, M. M. Lavrent'ev, I. U. E. Anikony, Dokl. AN SSSR 176 no. 5 1002-1003 O '67.
- On the dimensionality of commutative subalgebras in R_n , I. N. Chernyshov, Funk. anal. i ego prilozh. 1 no. 179-81 O-D '67.
- On the problem of an open compact monotone continuous mapping of a nonmetrizable bicompact onto a compactum, N. A. Vukobrat, Dokl. AN SSSR 177 no. 5 995-996 D '67.
- Existence of unconditional bases in Orlicz spaces, V. F. Goposhin, Funk. anal. i ego prilozh. 1 no. 4 26-32 O-D '67.
- Homeomorphic mapping of compact dynamic systems into a Birkhoff dynamic system, B. A. Shebekov, Izv. vys. ucheb. zav. mat. no. 129-103 D '67.

- Homogeneous 3-cycle spaces, N. A. Stepanov, Izv. vys. ucheb. zav. mat. no. 129-104 D '67.
- The uniformity of Banach spaces of analytic functions of one variable and of two variables, G. M. Khent, Dokl. AN SSSR 176 no. 5 1031-1034 O '67.

- On an operator equation in Hilbert space, T. A. Zamanov, Vest. Mosk. un. Ser. I Mat., mekh. 23 no. 1 35-40 Ja '68.

- On local cohomology groups, L. M. Beniaminov, L. G. Sklarov, Dokl. AN SSSR 176 no. 5 987-990 O '67.

- On the dimensionality of the product of ordered continua, I. N. Ivanov, Dokl. AN SSSR 177 no. 4 778-781 D '67.
- On the reflexivity of some combinations of seminormed spaces, I. P. Kostenko, Dokl. AN SSSR 177 no. 1 774-777 D '67.

- On the analog of A-spaces, V. V. Vishnevskii, Izv. vys. ucheb. zav. mat. no. 129-30 Ja '68.

- Perfect mappings and compactness, A. V. Arkhangel'skii, Dokl. AN SSSR 176 no. 5 983-986 O '67.

- Quasi-simple sums of subspaces, M. S. Brodskii, G. L. Kisilevskii, Funk. anal. i ego prilozh. 1 no. 4 75-78 O-D '67.

- Spectral properties of dynamic systems with an integral invariant on a torus, A. B. Katok, Funk. anal. i ego prilozh. 1 no. 4 46-50 O-D '67.

- Topological invariants of noncompact Lie groups connected with infinite-dimensional representations, I. M. Gel'fand, D. B. Fuks, Dokl. AN SSSR 177 no. 4 763-768 D '67.

- Topology of noncompact Lie groups, I. M. Gel'fand, D. B. Fuks, Funk. anal. i ego prilozh. 1 no. 4 43-45 O-D '67.

- Two classes of functions in Hilbert space, I. A. Dorfman, Vest. Mosk. un. Ser. I Mat., mekh. 23 no. 1 61-68 Ja '68.

513 83 TOPOLOGY

- Some classes of locally convex topological spaces. Part 3, I. V. Gribanov, Izv. vys. ucheb. zav. mat. no. 150-63 Ja '68.

- Spectral dimension of strictly n -dimensional bicomplexes, V. A. Valiev, Vest. Mosk. un. Ser. I Mat., mekh. 23 no. 1 12-15 Ja '68.

517 ANALYSIS CALCULUS

- Application of Fourier's method to the solution of difference equations, B. A. Samokish, Metod vych. no. 4 97-101 '67.

- Rate of convergence of one iterative process in determining eigenvalues and eigenvectors of a self-conjugate operator, F. Kuncir, Metod vych. no. 1 50-59 '67.

- Scheme of a partitioning method and application of the variation method to a partitioned equation, L. A. Rozin, Metod vych. no. 4 87-95 '67.

517 2 DIFFERENTIAL CALCULUS

- Some linear conversions of differential equations for a electrical machines, V. I. Bepalov, Izv. vys. ucheb. zav. elektromekh. no. 11 1249-1246 N '67.

517 43 OPERATORS (MATHEMATICS) INVARIANTS

- Factorization of ordinary linear differential operators and their transformation into operators with constant coefficients, Part 2, L. M. Berkovich, Izv. vys. ucheb. zav. mat. no. 123-13 D '67.

- Pseudodifferential operators and the Cauchy problem for differential equations with variable coefficients, I. R. Volevich, S. G. Gindlikh, Funk. anal. i ego prilozh. 1 no. 4 8-25 O-D '67.

- Quasi-simple sums of subspaces, M. S. Brodskii, G. L. Kisilevskii, Funk. anal. i ego prilozh. 1 no. 4 75-78 O-D '67.

- Riemann-Liouville's generalized operator and some of its uses, M. M. Dzhibibashian, Dokl. AN SSSR 177 no. 1 767-770 D '67.

- Spectral radius of indecomposable positive operators, I. Marek, Dokl. AN SSSR 176 no. 5 1009-1011 O '67.

517 5 THEORY OF FUNCTIONS

- Angular boundary values of quasi-conformal mappings of a sphere, V. A. Zorich, Dokl. AN SSSR 177 no. 4 771-773 D '67.

- Approximation of analytic functions of class $L_p(p, 1)$, V. M. Koblashvili, Soob. AN Gruz. SSR 47 no. 1 3-6 Ji '67.

- Approximation of functions by singular integrals, V. A. Baskakov, Izv. vys. ucheb. zav. mat. no. 13-15 Ja '68.

- Asymptotic behavior of Green's functions for equations correct according to Petrovskii with several variables and the classes of correctness for the solution of the Cauchy problem, B. A. Iskenderov, Vest. Mosk. un. Ser. I Mat., mekh. 23 no. 1 17-23 Ja '68.

- Best uniform approximation of continuous functions by entire functions of finite degree over the whole real axis, A. E. Timan, Dokl. AN SSSR 177 no. 1 790-792 D '67.

- A boundary value problem for a nonlinear heat conduction equation, K. G. Valeev, I. U. V. Rakitskii, PMIT no. 5 52-61 S-O '67.

- A construction problem connected with the uniform distribution of fractions of exponential functions, L. P. Ustol'tsev, Izv. vys. ucheb. zav. mat. no. 127-103 D '67.

- Deviation of Levinson polynomials for abstract functions, M. A. Kundel', Vest. Mosk. un. Ser. I Mat., mekh. 23 no. 1 3-11 Ja '68.

- Discrete device for analyzing graphically given function, T. A. Aheev, Za tekh. prog. 6 no. 1130-11 N '68.

- Duality principles for boundary value problems, M. A. Krasnosel'skii, U. A. Lifshits, Dokl. AN SSSR 176 no. 5 999-1001 O '67.

- Effect of compound boundary conditions on the elastoplastic state of a flexible plate, A. I. Shchegoleva, V. A. Kolodin, R. I. Rybakova, Prikl. matem. 3 no. 11, 20-36 N '67.

- Extremum problems for some classes of analytic functions with a bounded mean modulus, V. M. Tarpiogeva, Dokl. AN SSSR 176 no. 5 1027-1030 O '67.

- A general Tauberian theorem and its application to $K(\lambda, \mu, \lambda)$ methods, K. M. Stepanchuk, Izv. vys. ucheb. zav. mat. no. 125-84 D '67.

- A generalized Abel equation and an equation containing a Cauchy kernel, S. G. Saenko, Dokl. AN SSSR 176 no. 5 1019-1022 O '67.

- A highly accurate scheme of convergence in the method of straight lines for some boundary value problems in the case of parabolic equations, V. N. Abrashin, Dokl. AN SSSR 11 no. 1 970-972 N '67.

- Integral inequalities with convex functions, E. K. Godunova, Izv. vys. ucheb. zav. mat. no. 17-49 Ja '68.

- The linear conjugation problem for the case of an infinite line, V. A. Pantashvili, Soob. AN Gruz. SSR 47 no. 1 7-12 Ji '67.

- Methods for solving generalized problems of smoothing and extrapolating random functions, D. B. Udin, Dokl. AN SSSR 177 no. 4 793-795 D '67.

- Note on convergence and estimating the error in the approximate inversion of the Laplace transformation by means of orthogonal Legendre and Jacobi polynomials, V. I. Krylov, N. S. Skoblia, Dokl. AN BSSR 11 no. 10: 863-865 O '67.

- Numerical solution of a fundamental mixed problem in the plane theory of elasticity, V. V. Bokov, Izv. vys. ucheb. zav. mat. no. 123-28 Ja '68.

- On the coefficients of univalent functions, I. M. Mitin, Dokl. AN SSSR 176 no. 5 1015-1018 O '67.

- On the reflexivity of some combinations of seminormed spaces, I. P. Kostenko, Dokl. AN SSSR 177 no. 4 774-777 D '67.

- Parametric localization modulo of polynomial zeroes and Laurent series, G. G. Tsegelik, Izv. vys. ucheb. zav. mat. no. 12-90-96 D '67.

- A problem in quelling the core and the generalization of cylindrical J_n functions connected with it, L. A. Luister, Dokl. AN SSSR 177 no. 5 1005-1007 D '67.

- Refining the smoothness of functions in Kolmogorov's theorem on superpositions, B. L. Fridman, Dokl. AN SSSR 177 no. 5 1019-1022 D '67.

- Sign of Green's function of a multipoint even difference boundary value problem, A. L. Teptin, Izv. vys. ucheb. zav. mat. no. 1308-119 Ja '68.

- Some types of power expansions of entire functions of exponential type, I. U. A. Kar'min, Vest. Mosk. un. Ser. I Mat., mekh. 23 no. 1 49-63 Ja '68.

- Tauberian-type theorems for matrix methods of summation of series and their application, K. M. Stepanchuk, Izv. vys. ucheb. zav. mat. no. 122-97 Ja '68.

- Theory and application of two theorems on the stability of partial indices of a Riemann boundary value problem, G. S. Litvinchuk, Izv. vys. ucheb. zav. mat. no. 12 47-57 D '67.

- Two classes of functions in Hilbert space, I. A. Dorfman, Vest. Mosk. un. Ser. I Mat., mekh. 23 no. 1 64-68 Ja '68.

- Value of the best approximation of functions of several variables by polynomials using Itai's system, O. D. Gubanova, Izv. vys. ucheb. zav. mat. no. 139-16 Ja '68.

517 544 DIRICHLET'S PROBLEM BOUNDARY VALUE PROBLEM

- Application of the Prandtl - Mises transformation to the solution of problems of the boundary layer theory, A. Sh. Dorfman, Teplofiz. vyz. temp. 5 no. 5 858-866 S-O '67.

- Method for conjugating gradients in network with crossed iterations for Dirichlet's difference problem, M. Dolobush, Metod vych. no. 4 36-48 '67.

- Sign of Green's function of a multipoint even difference boundary value problem, A. L. Teptin, Izv. vys. ucheb. zav. mat. no. 1308-118 Ja '68.

517 6 INTEGRALS

- Approximation of functions by singular integrals, V. A. Baskakov, Izv. vys. ucheb. zav. mat. no. 13-15 Ja '68.

- Convergence of a mechanical cubature method for the solution of integral equations, I. P. Mysovetskikh, Metod vych. no. 1 63-72 '67.

- Experiment in the solution of integral equations of the first order, I. Fridrikh, Metod vych. no. 4 102-109 '67.

- The linear conjugation problem for the case of an infinite line, V. A. Pantashvili, Soob. AN Gruz. SSR 47 no. 1 7-12 Ji '67.

- Minimization of an integral from the modulo of a linear function, V. A. Daugavet, Metod vych. no. 4 26-35 '67.

- Note on convergence and estimating the error in the approximate inversion of the Laplace transformation by means of orthogonal Legendre and Jacobi polynomials, V. I. Krylov, N. S. Skoblia, Dokl. AN BSSR 11 no. 10: 861-865 O '67.

517 9 DIFFERENTIAL EQUATIONS

- A fine connectivity associated with a quasi-linear system of second-order partial differential equations, V. I. Birmukas, Izv. vys. ucheb. zav. mat. no. 118-22 Ja '68.

- Algorithm for the construction of the boundaries of instability regions of Hamiltonian systems with periodic coefficients, R. G. Pittel', Metod vych. no. 4 151-183 '67.

- An analog of Andronov - Viti's theorem, B. P. Demidovich, Dokl. AN SSSR 176 no. 5 994-996 O '67.

- Approximate methods for solving nonlinear operator equations, R. I. Kachurovskii, Izv. vys. ucheb. zav. mat. no. 12:27-37 D '67.

- An assessment of the stability of solution to the reverse problem of induction logging, S. I. Tembulatov, AN Kazakh. SSR 23 no. 10:57-63 O '67.

- Asymptotic behavior of Green's functions for equations correct according to Petrovskii with several variables and the classes of correctness for the solution of the Cauchy problem, R. A. Iskenderov, Vest. Mosk. un. Ser. I Mat., mekh. 23 no. 17-23 Ja '68.

- Calculation of static fields using integral equations, O. V. Tozoni, I. D. Maergoiz, Izv. vys. ucheb. zav. elektromekh. no. 11:107-1197 N '67.

- Cauchy problem for a first-order equation with variable coefficients, I. U. V. Stikarov, Dokl. AN SSSR 177 no. 5 1012-1014 D '67.

- The Cauchy problem for general linear equations, V. M. Borek, Dokl. AN SSSR 177 no. 4 754-762 D '67.

- Choice of coordinate functions in Ritz's method for ordinary differential operators given in an infinite interval, I. U. V. Veizhinskaya, Metod vych. no. 4 3-12 '67.

- A class of linear representations of complex semisimple Lie groups, R. S. Ismagulov, Funk. anal. i ego prilozh. 1 no. 4:68-74 O-D '67.

- A computation scheme for the approximate solution of the Cauchy problem for a second-order hyperbolic equation, V. N. Abrashin, Dokl. AN BSSR 11 no. 12: 1060-1064 D '67.

- Concerning A. N. Tikhonov's method for the solution of incorrect problems. M. K. Gavurin. *Metod. v. ch.* no. 4:21-23 '67.
- Conservation laws for quasi-linear systems of n th order partial differential equations. E. M. Ivan. *Izv. v. uch. zav., mat.* no. 1:78-80. Ja '68.
- Development of the method of integral differential equations in the theory of plates and shells. B. N. Lashin. *Izv. TSUkhim. Prikl. mekh.* 4 no. 12:10-15. D '67.
- Devices for solving boundary value problems using the Monte Carlo method. G. I. Kapiton and others. *Izv. v. uch. zav., elektromekh.* no. 11:126-126P. N '67.
- Evaluation of the solution of linear parabolic equations. V. A. Orlov. *Metod. vych.* no. 4:73-86. '67.
- Existence of unconditional bases in Orlicz Spaces. V. F. Gaponchik. *Funk. anal. i ego prilozh.* 1 no. 4:26-32. O-D '67.
- Generalization of a dual integral equation. F. D. Bertovich. *Izv. v. uch. zav., mat.* no. 12:16-19. D '67.
- A generalized Abelian equation and an equation containing a Cauchy kernel. S. G. Samko. *Dokl. AN SSSR* 176 no. 5:1019-1022. O '67.
- High-dimensional orbits of semisimple linear Lie groups. L. M. Andreev, P. B. Vinberg, A. G. Lashin. *Funk. anal. i ego prilozh.* 1 no. 4:3-7. O-D '67.
- A highly accurate scheme of convergence in the method of straight lines for some boundary value problems in the case of parabolic equations. V. N. Abramov. *Dokl. AN SSSR* 11 no. 11:970-972. '67.
- Homeomorphic mapping of compact dynamic systems into a Belousov dynamic system. B. A. Shcherbakov. *Izv. v. uch. zav., mat.* no. 12:97-103. D '67.
- Necessary and sufficient conditions for the solvability of solutions to differential equations. A. A. El'shenko. *Dokl. AN SSSR* 11 no. 11:963-966. N '67.
- Necessary and sufficient conditions for the existence in the large of solutions to systems of differential equations. A. A. El'shenko. *Dokl. AN SSSR* 11 no. 10:867-869. O '67.
- A noncyclic Dirichlet problem. R. S. Saks. *Dokl. AN SSSR* 177 no. 1:706-709. D '67.
- Nonisotomorphism of certain function spaces from a different number of variables. G. M. Khankin. *Funk. anal. i ego prilozh.* 1 no. 4:37-48. O-D '67.
- Note on the instability of solutions to nonlinear differential equations of the second order. D. V. L'vovskiy. *Sov. AN Gruz. SSR* 47 no. 1:19-21. 11 '67.
- Numerical solution of Cauchy's problem. I. P. Mysovskikh. *Metod. vych.* no. 4:60-62. '67.
- On a class of degenerate quasi-linear equations. M. I. Freidlin. *Dokl. AN SSSR* 177 no. 5:1015-1018. D '67.
- On an operator equation in Hilbert space. T. A. Zamanov. *Vest. Mosk. un. Ser. I. Mat., mekh.* 23 no. 1:35-40. Ja '68.
- On Plancherel's measure for nilpotent Lie groups. A. A. Kirillov. *Funk. anal. i ego prilozh.* 1 no. 1:81-85. O-D '67.
- On the existence of random periodic conditions for quasi-linear stochastic differential equations. Part 2. V. I. Grishakov, S. N. Silmanov. *Izv. v. uch. zav., mat.* no. 12:20-26. D '67.
- Optimization of the synthesis of machines controlling automation processes. I. I. Antolevskiy, D. I. Ilyushin, I. I. Kapustin. *Dokl. AN SSSR* 177 no. 1:800-803. D '67.
- A priori estimates and solvability of quasi-linear elliptic equations of the second order in a compound region in which both the boundary condition and the conjugation condition are nonlinear. M. V. Boruk. *Dokl. AN SSSR* 177 no. 5:991-994. D '67.
- Pseudodifferential operators and the Cauchy problem for differential equations with variable coefficients. L. R. Volovich, S. G. Gindikin. *Funk. anal. i ego prilozh.* 1 no. 4:8-25. O-D '67.
- Radon transformation in matrix spaces and Grassman's manifolds. E. E. Petrov. *Dokl. AN SSSR* 177 no. 1:782-785. D '67.
- Regularization of ill-posed problems for singular integral equations. V. P. Maslov. *Dokl. AN SSSR* 176 no. 5:1012-1014. O '67.
- The relaxation theory of Jacobi methods. G. D. Maistrovskiy. *Dokl. AN SSSR* 176 no. 5:1004-1006. O '67.
- Simple graduated Lie algebras of finite growth. V. G. Kats. *Funk. anal. i ego prilozh.* 1 no. 4:82-83. O-D '67.
- Solution of boundary value problems for a Laplace equation using Green's network functions. A. I. Voronkova. *Metod. vych.* no. 4:13-20. '67.
- Solution of elliptic equations with constant coefficients and the right side rising at infinity. B. R. Vainberg. *Vest. Mosk. un. Ser. I. Mat., mekh.* 23 no. 1:41-48. Ja '68.
- Spectral properties of dynamic systems with an integral invariant on a torus. A. B. Katok. *Funk. anal. i ego prilozh.* 1 no. 4:46-56. O-D '67.
- Square roots of metric automorphisms. A. M. Stepin. *Dokl. AN SSSR* 176 no. 5:1023-1026. O '67.
- Stability of branching almost periodic solutions to some systems of differential equations. V. Sh. Burd. *D. Sabirav. Dokl. AN SSSR* 176 no. 5:991-993. O '67.
- Uniqueness of the solution of second-order integral equations in problems of diffraction on unbounded screens. *Dokl. AN SSSR* 177 no. 4:820-823. D '67.
- 518 SPECIAL METHODS OF CALCULATION**
COMPUTING AIDS GRAPHICAL CALCULATION
- Algorithm for determining the development of a convex envelope of a finite number of points. I. U. G. Dutskevich. *Metod. vych.* no. 1:117-150. '67.
- [Collection of monographic studies] *Nomograficheskiy sbornik*. Moskva, Vychislitel'nyi tsentr AN SSSR (Trudy Vychislitel'nogo tsentra). No. 2. 1964. 199 p.
- Discrete device for analyzing graphically given function. F. A. Vlasov. *Zh. vych. prikl.* 6 no. 11:10-11. '66.
- Graphical method of calculating superimposed outflow. G. I. Chernykh. *Izv. v. uch. zav., chim. in. i* 10 no. 12:140-143. '67.
- Nomograms for determining actual steam content of water vapor and steam-soluble sugar-bearing currents in vertical pipes at low pressures and vacuum. I. I. Segant'. *S. I. Trachevskiy. V. I. U. Tolstovskiy. Izv. v. uch. zav. energ.* 10 no. 12:11-17. D '67.
- Nomograms for evaluating adopted decisions. R. I. Sitomskiy. *Moshinostroyeniye* no. 9:41. S '67.
- [Numerical methods of solving applied problems] *Chislennyye metody resheniya prikladnykh zadach*. Tashkent, "Fan," 1967. 88 p.
- Use of a mathematical method for the calculation of the optimal placement of enterprises producing mineral pigments. Z. S. Minin, V. A. Bakov. *Funk. anal. i ego prilozh.* no. 6:6-8. '67.
- 518 9 MATHEMATICAL GAMES**
- Arithmetical dominoes. M. V. Bogdanovskiy. *Nach. shkol.* 36 no. 1:46-47. Ja '68.
- Effective principle for solving several problems and its application to a game in chess. M. M. Butnitskiy. *Izv. v. uch. zav., elektromekh.* no. 11:1270-1272. N '67.
- Games and mathematics, several concepts of the theory of games. L. Kutsen. *Tekhn. kibernet.* no. 9:27-29. S '67.
- Games during lessons in mental arithmetic. V. V. Varadimov, N. A. Savitskiy. *Nach. shkol.* 36 no. 1:44-45. Ja '68.
- 519 1 COMBINATORIAL ANALYSIS**
- Methods for statistical analysis of a random phase of a signal. N. I. Gol'dberg. *Radiofizika* 22 no. 11:97-104. N '67.
- Substantiating Markov's constructive selection principle. A. G. Grigul. *Dokl. AN SSSR* 177 no. 5:997-1000. D '67.
- 519 2 PROBABILITY THEORY**
- Linear relationships between mean root-forming elements of effusive rocks of the Maymecha-Kotuy region. K. M. Sinikhov. *Uch. zap. NIIGA. Reg. geol.* no. 10:124-121. '67.
- 519 24 MATHEMATICAL STATISTICS**
- Application of the correlation method for analyzing the efficiency of using capital assets. N. G. Vozlovskiy, I. I. Nigmatov, G. I. Nigmatov. *Trudy Ural. politekh. inst.* no. 161:96-100. '67.
- Correlation methods in the analysis of labor productivity. L. A. Izumetova. *Trudy Ural. politekh. inst.* no. 161:101-105. '67.
- Estimation of errors in the matrix processing of spectra. Vop. dor. i zashch. izluch. no. 7:163-165. '67.
- Evaluating the validity of simulation results taking into account stochastic factors. G. V. Vemkov. *Izv. AN SSSR. Energ. i transp.* no. 5:126-131. S-O '67.
- Evaluation of counting losses in digital measuring systems in the case of a non-Poisson incoming flux of pulses. S. S. Furukhkin. *Prib. vych. eksp.* 11 no. 5:100-101. S-O '66.
- Excess and treat experimental data correctly. M. D. Kuznetsov, F. A. Eidel'man. *Kosm. i khim.* no. 1:51-55. '68.
- Statistical modeling of open-hearth furnace heats in the finishing period. M. A. Glinkov and others. *Izv. v. uch. zav., chim. in. i* 11 no. 1:172-176. '68.
- Using statistical methods for the evaluation of physical properties of rocks under circumstances close to reservoir conditions. L. M. Marmorshtein, M. M. Plianskii. *Uch. zap. NIIGA. Reg. geol.* no. 10:183-192. '67.
- 519 3 CALCULUS OF VARIATIONS FUNCTIONAL ANALYSIS**
- Correctness of restrictions and stability in extremum problems. Part 1. D. S. Levin. *Vest. Mosk. un. Ser. I. Mat., mekh.* 23 no. 1:24-34. Ja '68.
- Sufficient conditions for the existence of discontinuous solutions to a simple integral of variational calculus. Part 2. V. N. Koshelov, S. F. Morozov. *Izv. v. uch. zav., mat.* no. 12:38-46. D '67.
- Variational solution of an axisymmetric problem of thermoelasticity for a transversely isotropic cylinder of finite length. B. D. Khanzhov. *Izv. v. uch. zav., mat.* no. 12:84-89. D '67.
- 519 4 THEORY OF GROUPS**
- A class of linear representations of complex semisimple Lie groups. R. S. Ismagilov. *Funk. anal. i ego prilozh.* 1 no. 4:69-74. O-D '67.
- Commutative nilpotent algebras of matrices. I. A. Pavlov. *Dokl. AN SSSR* 11 no. 10:870-872. O '67.
- Dimensionality of commutative subgroups in R_n . I. N. Bernshtein. *Funk. anal. i ego prilozh.* 1 no. 4:79-81. O-D '67.
- \mathfrak{F} -subgroups of soluble groups. A. P. Kokhlov. *Dokl. AN SSSR* 11 no. 11:975-976. N '67.
- Finite groups with commutative subgroups. V. A. Levnikov. *Dokl. AN SSSR* 11 no. 12:1037-1053. D '67.
- Homogeneous 3-cycle spaces. N. A. Stepanov. *Izv. v. uch. zav., mat.* no. 12:65-74. D '67.
- Maximal π -cyclic subgroups of a finite group. S. I. Sukhob. *Izv. v. uch. zav., mat.* no. 1:1-157. Ja '68.
- On b -quasi-normal subgroups. F. M. Pavlov. *Dokl. AN SSSR* 11 no. 11:967-969. S '67.
- On Plancherel's measure for nilpotent Lie groups. A. A. Kirillov. *Funk. anal. i ego prilozh.* 1 no. 4:41-45. '67.
- Regularity and stability relations on generalized structures. G. I. Zhironovskiy. *Izv. v. uch. zav., mat.* no. 12:61-77. Ja '68.
- Schur's hypothesis for π -groups of modular groups. I. third. I. V. A. Andriunov. *Dokl. AN SSSR* 177 no. 7:753-758. D '67.
- Stable-type radicals in groups of automorphisms of modules. R. V. Asatiani. *Sov. AN Gruz. SSR* 47 no. 13-18. 11 '67.
- Structure of subgroups of finite groups. S. A. Feit. *Dokl. AN SSSR* 177 no. 5:1026-1029. D '67.
- Topological invariants of noncompact Lie groups connected with infinite-dimensional Lie algebras. I. G. Gelfand, D. B. Fuks. *Dokl. AN SSSR* 177 no. 5:1017. D '67.
- Topology of noncompact Lie groups. I. M. Gelfand, D. B. Fuks. *Funk. anal. i ego prilozh.* 1 no. 4:13-43. O-D '67.
- Verbal and marginal subgroups of linear groups. H. I. Meir-Itzhak. *Dokl. AN SSSR* 177 no. 5:1004-1010. D '67.
- Zhelebochenko, D. P.** [Classification of irreducible representations of a semisimple complex Lie group] *Klassifikatsiya neprivozhimyykh predstavleniy poluprostoy kompleksnoy gruppy Li*. Kiev, 1967. 23 p.
- 519 5 THEORY OF SETS**
- Some classes of locally convex topological spaces. Part 3. I. U. G. Grigul. *Izv. v. uch. zav., mat.* no. 1:50-63. Ja '68.
- 519 9 INFORMATION THEORY AND CYBERNETICS**
- Phones and guidance systems. V. S. Solov'ev. *Tekhn. kibernet.* 25 no. 10:61-71. O '66.
- Phones and technical reliability. I. U. Grigul. *Vopr. 49* no. 16:12-13. Ap '67.
- Discrete extrapolation. A. Sh. Hlokh. *Dokl. V. A. S.* 11 no. 10:878-879. O '67.
- Effect of the distribution of simple numbers on the selection of the constant for an algorithm. I. U. G. Grigul. *Vopr. 49* no. 16:114-116. '67.
- [Journal of abstracts: Cybernetics] *Ref. zhur. "Kibernet."* nos. 11-12, Nov.-Dec. 1967, no. 2, Feb. 1968.
- Literary criticism and cybernetics. *Vop. it. i* 11 no. 1:73. Ja '67.
- The process of regulation and its principal forms. N. F. Abramov. *Vop. filoz.* 22 no. 1:11-53. 11 '67.
- Role of model representation in the development of natural sciences. I. V. Dostova. *Vop. filoz.* 22 no. 1:134-136. '68.
- Shabanov-Kushmarevskiy, I. P.** V. L. Brachov, and A. R. Murashko. [Mathematical models of vision] *Matematicheskiye modeli zora*. Kyiv, "Tekhnika," 1966. 94 p. (Seriya biushni z kibernetiky).
- Take into account the demands of ergonomics. V. A. V. V. Tekhn. kibernet. 25 no. 5:70-75. My '66.
- Three problems discussed at the Third All-Union Symposium on Cybernetics. O. I. Gelfand, B. G. Ustin. *Vop. filoz.* 22 no. 1:134-136. '68.
- 52 ASTRONOMY. SURVEYING GEODESY**
- Aleksandr Ignatievich Lebedinskiy obituary. *Zem. i vesel.* no. 6:91-93. '67.
- [Astronomy] *Ref. zhur. "Astron."* nos. 1-3(51), Jan.-Mar. 1968.
- Brief news. *Bull. Inst. teor. astron.* 11 no. 4:263-270. '67.
- History of Soviet astronomy from 1950 to 1967. P. G. Kulikovskiy. *Zem. i vesel.* no. 6:42-48. '67.
- 521 THEORETICAL ASTRONOMY**
- Computation of the lunar inequality in the motion of the sun. V. A. Izvekov. *Bull. Inst. teor. astron.* 11 no. 2:130-135. '67.
- Elements of circular orbits of unnumbered minor planets. N. A. Bokhan. *Bull. Inst. teor. astron.* 11 no. 2:141-145. '67.
- Formulas for the transition from the center of mass of the earth-moon system to the center of the earth's mass. M. A. Fuzsenko. *Bull. Inst. teor. astron.* 11 no. 2:127-129. '67.
- Secular variations in the elements of the earth's orbit and their effect on the climates in the geological past. Sh. G. Sharaf, N. A. Rudnikova. *Bull. Inst. teor. astron.* 11 no. 1:231-261. '67.
- Stability after Lagrange of a nonautonomous canonical system with one degree of freedom. I. I. U. Plov. *Bull. Inst. teor. astron.* 11 no. 2:84-115. '67.

522 PRACTICAL ASTRONOMY

Observations of minor planets and of Pluto made at the Crimean Astrophysical Observatory. L. I. Chernykh, N. S. Chernykh. Bul. Inst. teor. astron. II no. 2 151-154 '67.

Observations of minor planets made in the Crimean Astrophysical Observatory of the Academy of Sciences of the U.S.S.R. N. S. Chernykh, T. M. Smirnova. Bul. Inst. teor. astron. II no. 1 282-281 '67.

Observations of the comet Everhart (1961 h) made in Buralan. T. A. Polakova, G. S. Romashin. Bul. Inst. teor. astron. II no. 1 287 '67.

Observations of the comets Kopff (1963 i) and Everhart (1964 h) made in Abastumani. I. R. Beirishvili. Bul. Inst. teor. astron. II no. 4 286- '67.

Observations of the solar corona in noneclipse periods and the large Soviet coronagraph. G. M. Nikol'skiy. Zem. i vesl. no. 6 66-70 '67.

Photographic observations of the comet Alcock (1963 bi) made in Pulkovo. N. M. Bonniukova. Bul. Inst. teor. astron. II no. 1 288 '67.

Photographs of neutrino astronomy. G. A. Zisman. Uch. zap. fiz. mat. Gerts. 101 51-55 '66.

Results of photographic observations of minor planets in Zvenigorod. I. A. Ilievich. Bul. Inst. teor. astron. II no. 4 285 '67.

Soviet Pulkovo. A. N. Dadaev. Zem. i vesl. no. 6 71-78 '67.

Technique of the observations of minor planets in the Crimean Astrophysical Observatory of the Academy of Sciences of the U.S.S.R. L. I. Chernykh, N. S. Chernykh. Bul. Inst. teor. astron. II no. 1 279-281 '67.

523 DESCRIPTIVE ASTRONOMY

523(571-512)—Evenki National District

Characteristics of reforestation and tree growth in the region of the Tunguska meteorite fall. V. I. Nekrasov, I. M. Marchanov. Vest. Mosk. un. Ser. 6 Biol., pochv. 23 no. 1 61-71 Ja-I '68.

523 03 ASTROPHYSICS

Diffusion of radiation due to a greatly extended scattering indicatrix. V. V. Sobolev. Dokl. AN SSSR 177 no. 4 812-815 D '67.

Catastrophic states of matter. G. V. Shishkin. Dokl. AN BSSR II no. 10:891-900 O '67.

Spectral radiation of a meteor coma at selected wavelengths. I. N. Kovshun. Astron. vest. 2 no. 1 41-47 Ja-Mi '68.

523 1 UNIVERSE AND ITS STRUCTURE. COSMOLOGY, SPACE

Anomalous satellites of planets. Z. A. Alekceva. Astron. vest. 2 no. 1 25-28 Ja-Mi '68.

Equilibrium and nonequilibrium. I. R. Plotkin. Uch. zap. fiz. mat. Gerts. 101 77-73 '66.

Isotopic hypothesis on the connection between cosmology and elementary particles. D. D. Ivanenko, Izv. vyssh. shk. fiz., 10 no. 11 124-125 '67.

Origin of Jupiter's irregular satellites. V. A. Bronshten. Astron. vest. 2 no. 1 20-36 Ja-Mi '68.

Problems of planetary cosmogony of our time. B. I. U. Levin. Zem. i vesl. no. 6 19-55 '67.

Weakly interacting particles in an anisotropic cosmological model. A. G. Doroshkevich, I. A. B. Zel'dovich, I. D. Novikov. Zhur. eksp. i teor. fiz. 53 no. 2 611-654 Ag '67.

523 10 VARIOUS COSMIC PHENOMENA DUST, RAYS, ETC

Active protection of space ships. I. E. Kovalev, T. A. Babova, K. A. Trukhinov. Vop. dor. i izuch. izluch. no. 7 166-171 '67.

Antiproton stage of the cosmic ray burst of February 23, 1956. V. I. Shishov. Geomag. i aer. 7 no. 6 1083-1085 '67.

Density of slow neutrons at different altitudes of the atmosphere in years of minimum solar activity. A. M. Romanov. Geomag. i aer. 7 no. 6 1089-1090 '67.

Diffusion of cosmic particles in the interplanetary medium. A. Z. Dolginov, I. N. Toptygin. Geomag. i aer. 7 no. 6 967-973 '67.

Diffusion of solar cosmic rays generated by a source of the exponential type. I. I. Mironichenko. Geomag. i aer. 7 no. 6 1081-1083 '67.

Fluctuations in the three-dimensional cascade theory of atmospheric showers. E. V. Gedalla. Soob. AN Gruz. SSR 47 no. 1 43-47 Ji '67.

Frequency dependence of radio wave absorption in the ionosphere. L. M. Belkina. Geomag. i aer. 7 no. 6 967-1000 '67.

Interpretation of data, obtained on board "Pioneer-VI" on the angular distribution of ions in the solar wind. M. Z. Khodolov. Geomag. i aer. 7 no. 6 1079-1081 '67.

Measuring the absolute intensity of the primary and secondary components of cosmic rays in the space immediately surrounding the earth. A. N. Charakhch'ian. Geomag. i aer. 7 no. 6 974-977 '67.

Radiation and reflectivity of Venus at decimeter waves. G. M. Stuklov. Astron. vest. 2 no. 1 19-24 Ja-Mi '68.

Relation between geomagnetic activity and the energy flux density of the quiet solar wind. I. V. Kovalevskii. Geomag. i aer. 7 no. 6 982-984 '67.

Shielding from radiation in space flights. E. M. Kovalev. Vop. dor. i izuch. izluch. no. 7 164-32 '67.

Spark chamber as a detector of high-energy electron and photon showers. A. G. Gopatchenko and others. Prikl. tekhn. eksp. II no. 5 60-66 S-O '66.

Variation of the first adiabatic invariant of a particle in a dipole magnetic field. V. D. Il'in. Geomag. i aer. 7 no. 6 1087-1088 '67.

Wide-range logarithmic integrating electrometer for recording weak fluxes of charged particles. A. N. Gaidarov. Geomag. i aer. 7 no. 6 1066-1070 '67.

523 2 SOLAR OR PLANETARY SYSTEM ORIGIN, ETC

Anomalous satellites of planets. Z. A. Alekceva. Astron. vest. 2 no. 1 25-28 Ja-Mi '68.

Elements of circular orbits of unnumbered minor planets. N. A. Bokhrn. Bul. Inst. teor. astron. II no. 2 145-146 '67.

Evaporation and deceleration of small meteor bodies. V. N. Lobedincis, V. B. Shushkova. Astron. vest. 2 no. 1 17-14 Ja-Mi '68.

Information on the elements published in the "Ephemerides of minor planets." M. V. Shmakova. Bul. Inst. teor. astron. II no. 2 147-150 '67.

Minor planet (414) Hidalgo. M. P. Tsvetk. Bul. Inst. teor. astron. II no. 1 273-278 '67.

Minor planets (1965). N. S. Samoilova-Akhonova. Bul. Inst. teor. astron. II no. 1 225-230 '67.

New outstanding victory of Soviet science and technology. Zem. i vesl. no. 6 2 of cover '67.

Observations of minor planets and of Pluto made at the Crimean Astrophysical Observatory. L. I. Chernykh, N. S. Chernykh. Bul. Inst. teor. astron. II no. 2 151-154 '67.

Observations of minor planets made in the Crimean Astrophysical Observatory of the Academy of Sciences of the U.S.S.R. N. S. Chernykh, T. M. Smirnova. Bul. Inst. teor. astron. II no. 1 282-281 '67.

Observations of the comet Everhart (1961 h) made in Buralan. T. A. Polakova, G. S. Romashin. Bul. Inst. teor. astron. II no. 1 287 '67.

Observations of the comets Kopff (1963 i) and Everhart (1964 h) made in Abastumani. I. R. Beirishvili. Bul. Inst. teor. astron. II no. 4 286 '67.

Observations of the details on Jupiter in 1967. V. D. Bezuglova. Astron. vest. 2 no. 1 59 Ja-Mi '68.

On the fragmentation of meteoric bodies. P. B. Babichanov, E. N. Kramet. Dokl. AN SSSR 177 no. 5 1013-1016 D '67.

Origin of Jupiter's irregular satellites. V. A. Bronshten. Astron. vest. 2 no. 1 20-36 Ja-Mi '68.

Origin of short-period comets. S. Q. Makover. Bul. Inst. teor. astron. II no. 2 123-126 '67.

Photographic observations of the comet Alcock (1963 bi) made in Pulkovo. N. M. Bonniukova. Bul. Inst. teor. astron. II no. 1 288 '67.

Probability of the simultaneous sighting of meteors at several scattered radar stations. O. I. Bel'kovich. Geomag. i aer. 7 no. 6 1076-1070 '67.

Problem of blue clouds. N. I. Grishin. Astron. vest. 2 no. 1 13-18 Ja-Mi '68.

Problems of planetary cosmogony of our time. B. I. U. Levin. Zem. i vesl. no. 6 19-55 '67.

Quasi-random oscillations and the capture problem in the bounded problem of three bodies. V. M. Alekseev. Dokl. AN SSSR 177 no. 1 751-754 D '67.

Radiation and reflectivity of Venus at decimeter waves. G. M. Stuklov. Astron. vest. 2 no. 1 19-24 Ja-Mi '68.

Results of observations of Leonids in 1966. M. L. Divinskii. Astron. vest. 2 no. 1 60-61 Ja-Mi '68.

Results of photographic observations of minor planets in Zvenigorod. I. A. Ilievich. Bul. Inst. teor. astron. II no. 1 288 '67.

Space density and the luminosity function of the flux of Geminids in 1958. A. K. Sidorov, R. L. Khotinok. Astron. vest. 2 no. 1 55-56 Ja-Mi '68.

Spectral radiation of a meteor coma at selected wavelengths. I. N. Kovshun. Astron. vest. 2 no. 1 44-47 Ja-Mi '68.

Technique of the observations of minor planets in the Crimean Astrophysical Observatory of the Academy of Sciences of the U.S.S.R. L. I. Chernykh, N. S. Chernykh. Bul. Inst. teor. astron. II no. 4 279-281 '67.

523.2(571-53)—Irkutsk Province

Possible effect of the Tunguska phenomenon on the upper atmosphere, the geomagnetic field, and airglow. K. G. Ivanov. Geomag. i aer. 7 no. 6 1031-1035 '67.

523.3 THE MOON

Figure of celestial bodies in the state of isostatic equilibrium. M. S. Volkov. Bul. Inst. teor. astron. II no. 4 262-267 '67.

News about the moon's composition. I. U. A. Sarkov. Zem. i vesl. no. 6 57-63 '67.

Topographic plan of the "Luna-9" landing site. B. N. Rodionov. Zem. i vesl. no. 6 64-65 '67.

523.7 THE SUN

Geosensitivity of solar flares as dependent on the altitude of their formation in the solar atmosphere. I. U. N. Dolginova, I. N. Odintsova. Geomag. i aer. 7 no. 6 958-966 '67.

Gravitational field of the sun. N. M. Polakova. Bul. Inst. teor. astron. II no. 1 287 '67.

Observations of the solar corona in noneclipse periods and the large Soviet coronagraph. G. M. Nikol'skiy. Zem. i vesl. no. 6 66-70 '67.

Participants in the Year of the Quiet Sun summarize their results. B. I. Salkin. Zem. i vesl. no. 6 74-80 '67.

Photographic observations of the solar eclipse of May 20 1966. V. A. Babanov. Astron. vest. 2 no. 1 37-58 Ja-Mi '68.

Precumulation of solar eclipses on the electronic computer BESM-2. L. I. Rumiankova. Bul. Inst. teor. astron. II no. 2 136-141 '67.

Relation between geomagnetic activity and the energy flux density of the quiet solar wind. I. V. Kovalevskii. Geomag. i aer. 7 no. 6 982-984 '67.

Solar plasma energy flux in the sectoral structure of the interplanetary magnetic field. I. V. Kovalevskii. Geomag. i aer. 7 no. 6 978-981 '67.

Sources of geomagnetic storms with gradual commencement. A. T. Mamonov. Astron. vest. 2 no. 1 48-54 Ja-Mi '68.

523 8 STARS

Astronomical observations in January and February 1968. A. D. Mal'nev, V. T. Zabolotnyy. Zem. i vesl. no. 6 85-87 '67.

Physics of the stars. V. V. Sobolev. Zem. i vesl. no. 6 23-30 '67.

525 7 TERRESTRIAL ATMOSPHERE IONOSPHERE

Altitude distribution of the electron density variation in the ionosphere. E. V. Sukhorukova. Geomag. i aer. 7 no. 6 988-991 '67.

Brightness of the sky in the 1.5 mμ - 5.2 mμ region. O. P. Kuznetsov, V. V. Dolin, I. A. Kolash. Dokl. AN BSSR II no. 11 991-996 N '67.

Disturbances in the F2 layer in the period of polar magnetic storms. E. I. Dolgov. Geomag. i aer. 7 no. 6 992-996 '67.

Equation describing the electrostatic field generated in the dynamic region of the ionosphere. K. G. Ivanov, R. F. Ilyayev. Geomag. i aer. 7 no. 6 985-987 '67.

Frequency dependence of radio wave absorption in the ionosphere. L. M. Belkina. Geomag. i aer. 7 no. 6 987-1000 '67.

Hydrogen distribution in the upper atmosphere according to observations of H 6563 Å in the luminescence spectrum of the night sky. L. M. Fishkova, N. M. Martavladze. Geomag. i aer. 7 no. 6 1021-1025 '67.

Main characteristics of the atmospheric boundary layer over certain regions of eastern Georgia. O. V. Lomina. Soob. AN Gruz. SSR 47 no. 1 40-54 Ji '67.

Problem of blue clouds. N. I. Grishin. Astron. vest. 2 no. 1 13-18 Ja-Mi '68.

Thirty years of high-frequency impulse soundings of the ionosphere in Tomsk. V. N. Kessikh, Radiotekhnika 22 no. 11 109 N '67.

527 NAVIGATION

The Russian navy is the cradle of radio-controlled navigation. V. I. Baver. Mor. flot. 50 no. 11 74-76 N '66.

528 GEODESY SURVEYING, TRIANGULATION

[Achievements of science: Geodesy, 1965] Itogi nauki i Geodezija, 1965 Moskva, 1967 133 p. (Serija Geodezija).

Effect of the characteristics of cameras on the accurate reproduction of the three-dimensional image of the events recorded by them. V. G. Ivanov. Prikl. tekhn. eksp. II no. 6 66-69 N-D '66.

[Geodesy] Ref. zhur.: Geod. nos. 1-2(52), Jan.-Feb. 1968. Method of compiling small-scale, permanent, hydrogeological maps. K. A. Kondratova, N. M. Khirnova. Razved. i okh. nedr. 31 no. 1 48-53 Ja '68.

New method for the calculation of vertical derivatives of the earth acceleration. I. F. Monin. Dop. AN URSSR Ser. B 29 no. 12 1085-1090 D '67.

Precise cross sectioning of the foundation in observing the shifts of hydraulic structures by triangulation. B. N. Zhukov. Izv. vys. ucheb. zav. stroi i arkhit. 10 no. 6 83-89 '67.

Prospect for utilizing a gyro vertical during its start mode. M. A. Pavlovskii. Izv. vys. ucheb. zav. i prib. 9 no. 3 79-84 '66.

[Uniform standards for quotas (hours) of geodetic and topographic works] Edinye normy vyrobki (vremeni) na geodezicheskie i topograficheskie raboty Moskva, "Nedra" 1968.

Ch. 1. [Field works] Polovye raboty 1968, 192 p.

528(26)—Oceans Seas

Geological mapping of water areas. I. G. Markov, N. N. Kulikov. Uch. zap. NIIGG, Reg. geol. no. 11 217-221 '67.

529 CHRONOLOGY. TIME THE CALENDAR

History of the development of exact time service in the U.S.S.R. O. K. Ukhova. Uch. zap. fiz. mat. Gerts. 303 341-348 '66.

53 PHYSICS AND MECHANICS

- Correlation of the historical and logical in teaching physics. I. Sh. Shafran. Uch. zap. Ped. inst. Gerts. 303. 313-319 '66.
- [Development of physics in the U.S.S.R. in two books] Razvitiye fiziki v SSSR v dvukh knigakh. Moskva, "Nauka," (Sovetskaya nauka i tekhnika z. 50 let) Kn 2. 1967. 359 p.
- Device for the demonstration of ion movement in electrolytes. Sred. spets. obr. 14 no. 12-40 D '67.
- Difficulties of learning classical dynamics. I. Sh. Shafran. Uch. zap. Ped. inst. Gerts. 303 313-319 '66.
- Dmitriy Ivanovich Blokhintsev, on his 60th birthday. Atom energ. 21 no. 159-60 Ja '68.
- Dmitriy Ivanovich Blokhintsev, on his 60th birthday. B. M. Brikhs. Usp. in. nauk. 94 no. 1 185-186 Ja '68.
- Einstein, Albert. [Collection of scientific works in four volumes] Sobraniye nauchnykh trudov v chetyrekh tomakh. Pod red. I. E. Tamna, I. A. Smolodinskogo, B. G. Kuznetsova. Moskva, "Nauka." T. 4. [Articles, reviews, letters. The evolution of physics] Stat'i, rezensii, pis'ma. Evoliutsiya fiziki. 1967. 598 p.
- In this manner we teach independence. A. Usova. Nauch. obr. no. 1 insert 12-16 Ja '68.
- I. V. Davidovich Landau, on his 60th birthday. Atom energ. 21 no. 157-58 Ja '68.
- I. V. Davidovich Landau, on his 60th birthday. V. L. Ginzburg. Usp. in. nauk. 94 no. 1 181-184 Ja '68.
- Local forms of thermal motion causing spin-lattice relaxation in polymers. G. P. Mikhailov, V. A. Shevchuk, Vysokom. soed. Sci. A. 9 no. 11 2442-2449 N '67.
- Methods for teaching statistical physics at the pedagogical institutes of higher education. S. V. Izmailov. Uch. zap. Ped. inst. Gerts. 303 287-311 '66.
- On the question of priority. S. I. Malov. Uch. zap. Ped. inst. Gerts. 303 349-350 '66.
- [Physics] Ref. zhur. Fiz. nos. 1-2 (18A), Jan.-Feb. 1968.
- The principle of historicism in methodological studies. V. N. Moschinskii. Sov. pedagog. 31 no. 12 31-38 D '67.
- Progress in Soviet thermophysics. V. A. Kuznetsov, F. P. Shpil'man. Teplofiz. vys. temp. 5 no. 5 723-738 S O '67.
- Remarkable domains. I. S. Kolot. Sred. spets. obr. 14 no. 12 39 D '67.
- ### 53.08 MEASUREMENT PRINCIPLES, METHODS
- Combination instrument. I. Panov. Tekh. i inzh. 25 no. 10 22-25 O '66.
- Maintaining a unified system of units. V. A. Varnasheva. Izv. vys. ucheb. zav., stroitel'stvo. 10 no. 9 134-136 '67.
- [Measurement and measurement techniques] Ref. zhur. Metrol. i izm. tekhn. no. 12 (32), Dec. 1967, no. 2 (32), Feb. 1968.
- Uncontrollable assumptions in physical measurements. R. G. Givorkyan. Trudy Un. druzh. naiz. Fiz. 24 no. 3 '67.
- ### 53.01 GENERAL PRINCIPLES OF PHYSICS
- The concept of causation and its role in physics. G. B. Zhidakov. Vop. filos. 22 no. 2 16-57 '68.
- The process of regulation and its principal forms. N. T. Abumam. Vop. filos. 22 no. 1 43-53 '68.
- ### 53.02 RELATIVITY PRINCIPLE
- Invariant form of the integral conservation of energy law. I. I. Gutman. Zhur. eksp. i teor. fiz. 53 no. 2 565-568 Ag '67.
- One exact static axial solution to Einstein equations. N. M. Stepanuk. Zhur. eksp. i teor. fiz. 53 no. 2 570-572 Ag '67.
- Philosophical problems in the general theory of relativity. P. S. Dyshlevy, A. Z. Petrov. Vop. filos. 22 no. 1 87-97 '68.
- Uniform axisymmetric cosmological model in the ultra-relativistic case. I. S. Shubin. Dokl. AN SSSR 176 no. 5 1048-1051 O '67.
- ### 53.0145 QUANTUM THEORY WAVE MECHANICS
- Application of theory of groups in quantum chemistry. Part 3. Method of cyclic rearrangements of equivalent orbitals. O. K. Davtian, P. V. Makoidel. Zhur. fiz. khim. 41 no. 9 2321-2329 S '67.
- Constants of mass and charge renormalization in quantum electrodynamics without the bare mass. P. I. Fomin. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 11 972-975 D '67.
- Displacement and collective variables method in quantum statistics. I. R. Ukhovskiy, Usp. fiz. zhur. 12 no. 10 1671-1691 O '67.
- Effect of elastic collisions on the character of nonlinearities of the amplification factor. V. S. Rubanov, N. I. Kabanov. Dokl. AN BSSR 11 no. 10 883-885 O '67.
- Evolution of the quantum field theory. D. I. Blokhintsev, P. S. Isaev. Priroda no. 121-32 '68.
- Formulation of the adiabatic hypothesis in an axiomatic field theory. B. V. Medvedev, M. K. Polivanov. Dokl. AN SSSR 177 no. 4 816-819 D '67.
- Interband interaction and spontaneous polarization of crystal lattices. I. B. Bersuker, B. G. Vekhtov. Fiz. tver. tela. 9 no. 9 2652-2660 S '67.
- One possible mechanism of negative conductivity of thin films in a transverse quantized magnetic field. V. I. Ryabin. Pis'ma v red. Zhur. eksp. i teor. fiz. 53 no. 1 16-17 Ja '68.
- Phase transformation of spherical nuclei into nonspherical nuclei. A. G. Nosov. Zhur. eksp. i teor. fiz. 53 no. 2 570-571 Ag '67.
- Physical meaning of wave functions and the interpretation of quantum mechanics. A. A. Zisman, Uch. zap. Ped. inst. Gerts. 303 109-129 '66.
- Polarization of retarding electron-quanta in inelastic scattering. A. I. Mikhlin, R. Kh. Muradov. Dokl. AN Azerb. SSR 23 no. 4 3-6 '67.
- Quantum-mechanical study of charge transfer in redox catalysis. Decomposition of hydrogen peroxide on copper ammoniates and non porphyrin. I. B. Bersuker, S. S. Budnikov. Teor. i eksp. khim. 3 no. 6 799-810 N-D '67.
- Quantum oscillations of kinetic coefficients of mercury chloride. M. S. Brieske, S. A. Aliev, S. S. Shklyt. Fiz. tver. tela. 9 no. 9 2746-2748 S '67.
- Quantum oscillations of thermomagnetic coefficients in strong magnetic fields. I. M. Gal'perin. Fiz. tver. tela. 9 no. 9 2579-2585 S '67.
- Svechnikov, S. V. [Hamiltonian formalism in renormalized quantum electrodynamics] Gamiltonov formalizm v perenormirovannoi kvantovoi elektrodinamike. Kiev, 1967. 14 p.
- Theory of cyclotron echo. I. A. Asadullin, U. Kh. Koppitman. Fiz. tver. tela. 9 no. 9 2737-2739 S '67.
- Theory of fluctuation levels in disordered systems. I. M. Lifshits. Zhur. eksp. i teor. fiz. 53 no. 2 713-758 Ag '67.
- Thermal equation of state of solid solutions. I. A. Ionidevskii. Fiz. tver. tela. 9 no. 9 2661-2669 S '67.
- Transformation of the energy accumulated in an active medium into the energy of a longitudinal wave in a plasma. V. B. Krasovitskii. Zhur. eksp. i teor. fiz. 53 no. 2 573-578 Ag '67.
- Using the method of Feynman's functionals in classical electrodynamics. V. V. Lzmalov. Uch. zap. Ped. inst. Gerts. 303 31-50 '66.
- ### 53.017 SIMILARITY PRINCIPLE ANALOGIES
- Relation between the similarity criteria of complex and particular problems. V. G. Besonov, A. M. Slesarev. Prikl. mekh. 3 no. 12 100-114 D '67.
- ### 53.018 LINEARITY
- Ultrasound and nonlinear wave processes. V. A. Krasnik. Priroda no. 134-62 '68.
- Using the method of symmetric components in calculating nonlinear unsymmetrical three-phase circuits. I. A. Kutiev. Za. tekh. prog. 6 no. 11 12-15 N '66.
- ### 53.01 MECHANICS
- Buoy, V. A., and others. [Classroom demonstrations in physics for higher grades of secondary schools textbook for teachers] Demonstratsionnyi eksperiment po fizike v starshikh klassakh srednei shkoly, posobie dlia uchitel'na. Moskva, "Prosvetshenie." Ch. 1. [Mechanics. Heat] Mekhanika, teplota. Pod red. A. A. Pokrovskogo. 1967. 368 p.
- Concentration of dynamic stresses in a plate containing two circular holes. V. T. Golovchan. Prikl. mekh. 3 no. 11 21-28 N '67.
- Differentiation of equations on the theory of thin shells along random, mutually orthogonal coordinate lines. I. A. Gordin. Izv. VNIIG. 61 177-179 '66.
- [Mechanics] Ref. zhur. Mekh. no. 12, Dec. 1967, nos. 1-3, Jan.-Mar. 1968.
- Parfentov, V. P. [Theoretical mechanics. Statics; abstracts of lectures] Teoreticheskaya mekhanika. Statika, konspekt lektsii. Leningrad, 1968. 139 p. (Uchebnoe tobovidenie).
- Relation between the similarity criteria of complex and particular problems. V. G. Besonov, A. M. Slesarev. Prikl. mekh. 3 no. 12 100-114 D '67.
- Studying the stressed state of plates containing holes. I. I. Khoma. Prikl. mekh. 3 no. 11 37-49 N '67.
- Upper limit of the torsional rigidity of an inhomogeneous prismatic rod. V. D. Vylezhanin. Prikl. mekh. 3 no. 11 89-94 N '67.
- ### 53.01 KINEMATICS
- Testing by facts the theory of continental drift. U. B. Kharland. Uch. zap. NIIGA. Reg. geol. no. 10 71-98 '67.
- ### 53.02 STATICS AND GRAPHICAL STATICS
- Demonstrating the angular momentum conservation law ("a cat falling to its paws"). G. I. Kataev. Usp. fiz. nauk. 94 no. 1 189 Ja '68.
- Stresses in a hollow thick-walled cylinder caused by nonuniform temperature of the periphery. D. P. Elizarov, S. I. Asin, L. A. Fedorovich. Izv. vys. ucheb. zav., energ. 10 no. 12 80-84 D '67.
- ### 53.03 DYNAMICS, KINETICS
- Effect of random friction on the accuracy of gyroscopic instruments. E. G. Shmulovich. Izv. vys. ucheb. zav., prib. 10 no. 2 77-80 '67.
- Effect of roll on the indices of the MK19 Sperry-type gyrocompass. V. V. Seregin. Izv. vys. ucheb. zav., prib. 10 no. 2 81-84 '67.
- Flotation-type vibrational gyroscope. V. I. Kap. 76, A. I. Studenikin. Izv. vys. ucheb. zav., prib. 9 no. 1 100-103 '66.
- Mass and its relation to velocity. R. N. Sallia. Sred. spets. obr. 14 no. 137-42 Ja '67.
- Problem in increasing the accuracy of gyroscopes. I. O. G. Aclissee, V. P. Demidchenko, I. M. Fedorov. Izv. vys. ucheb. zav., prib. 9 no. 3 85-88 '66.
- Prospect for utilizing a gyrovertical during its static mode. M. A. Pavlovskii. Izv. vys. ucheb. zav., prib. no. 3 79-81 '66.
- Reaction of a contracting glow discharge on anisotropy of rotation. I. U. I. Iorish, V. S. Ivonkin. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 11 938-942 D '67.
- Selection of the form of the rotor of a gyroscope providing minimal aerodynamic resistance. M. P. Stupachenko, I. U. I. Ivanov. Izv. vys. ucheb. zav., prib. 9 no. 3 81-84 '66.
- Simulation of the motion of a gyroscopic pendulum. P. N. Khodimko, L. A. Chubarov. Izv. vys. ucheb. zav., prib. 10 no. 3 79-82 '67.
- Some instrumental errors of gyroscopes. M. A. Pavlovskii. Izv. vys. ucheb. zav., prib. 10 no. 2 85-87 '67.
- Stable equilibrium states of a gyrocompass. M. A. Sergeev. Izv. vys. ucheb. zav., prib. 10 no. 1 73 '67.
- Study of the effect of the kinematic properties of gyroscopic instruments on the dynamics of moving objects. V. G. Vorobiev. Izv. vys. ucheb. zav., prib. 10 no. 2 13 76 '67.
- Sufficient criteria of the dynamic stability of nonlinear systems with diffusable parametric distribution. N. T. Kuznetsov, A. A. Martynuk. Prikl. mekh. 3 no. 11 110-113 N '67.
- Theory of oscillations and dynamics problems. A. P. Filippov. Prikl. mekh. 3 no. 11 8 22 E '67.
- ### 53.04 WORK FRICTION
- Calculation of the moment of friction forces in a radial thrust ball bearing with a film between balls and races. A. G. Besonov, I. M. Sivokononko, K. N. Ivonkin. Izv. vys. ucheb. zav., prib. 10 no. 2 10-13 '67.
- Determining the moment of friction of a cold rolling mill. A. N. Popov. Izv. vys. ucheb. zav., prib. no. 11 no. 1 103-107 '68.
- Exposure of searing force on the friction surfaces in machine parts using spectrum analysis. I. I. Kostetskiy, N. P. Ryzhikh, M. E. Natanson. Izv. vys. ucheb. zav., mashinost. no. 9 51-53 '67.
- Regularities and causes of changes in specific gravities of the petroleum of the Sub-Kazma series in the Buzagay, Chakhnagly, and Sulu-Tepc fields. A. S. Gadzhikashumov and others. Izv. vys. ucheb. zav., prib. 8 no. 12 13-16 '65.
- ### 53.05 GRAVITATION BALLISTICS
- Gravitational field of the sun. M. M. Poltavskiy. Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 11 961-965 D '67.
- Static scalar and electric fields in the Einstein law of gravitation. R. A. Asanov. Zhur. eksp. i teor. fiz. 53 no. 2 673-679 Ag '67.
- Uniform axisymmetric cosmological model in the ultra-relativistic case. I. S. Shubin. Dokl. AN SSSR 176 no. 5 1048-1051 O '67.
- Using electronic computers for the interpretation of gravitation anomalies. E. G. Bulakh. Geofiz. sbor. 10 no. 19 49-55 '67.
- ### 53.06 MECHANICAL ENERGY CONSERVATION IMPACT
- Invariant form of the integral conservation of energy law. I. I. Gutman. Zhur. eksp. i teor. fiz. 53 no. 2 565-568 Ag '67.
- ### 53.07 GEOMETRICAL, MECHANICAL MAGNITUDES MEASUREMENTS, ETC.
- Comparative calibration of an ionization magnometer and a magnetic electric-discharge manometer under superhigh vacuum. G. A. Nichiporovich. Prikl. i tekhn. eksp. 11 no. 6 150-154 N-D '66.
- Drawing device for erecting astronomical images according to Radtsheva's drawing. M. M. Iulitskii. Izv. vys. ucheb. zav., prib. 10 no. 3 87-91 '67.
- Dynamics of longitudinal variations in thickness during cold rolling of thin strips. I. M. Mezerovich and others. Izv. vys. ucheb. zav., Chern. met. 11 no. 1 95-98 '66.
- Graduation of vacuum manometers by means of gas flows passing through them. L. P. Khavkin. Prikl. i tekhn. eksp. 11 no. 5 181-185 S-O '66.
- A highly sensitive induction type differential transducer with electric zero setting. I. A. Gindin, V. B. Babushkin, G. G. Cheshel'nitskii. Prikl. i tekhn. eksp. 11 no. 6 201-209 N-D '66.
- Inductive frequency micrometer. V. S. Gulinikov, I. I. Rodion. Izv. vys. ucheb. zav., prib. 9 no. 3 18-21 '65.
- Inverse-magnetron vacuum gauge for measuring pressures in the range of $1 \cdot 10^{-12}$ to $1 \cdot 10^{-4}$ torr. G. A. Nichiporovich. Prikl. i tekhn. eksp. 11 no. 5 186-188 S-O '66.
- Methodology for approximation calculations of aerodynamic losses of a gyrometer. A. G. Besonov. Izv. vys. ucheb. zav., prib. 9 no. 3 93-98 '66.
- Microbalance with capacitor plates. A. P. Giltzenko, I. N. Magda. Prikl. i tekhn. eksp. 11 no. 5 209-210 S-O '66.

- Optimal parameters of a tensiometric calibrating instrument. L. S. Trubnikov. Izv VNIIG 81 207-213 '66
- Sealing of the teeth of high-quality cylindrical fine module wheels. A. I. Shepshov. Izv vya ucheb zav prib 10 no 3 110-115 '67
- Studying a thermal field by means of the Mach - Zehnder interferometer. B. Sh. Pirkal'skii, V. L. Iatim. Izv vya ucheb zav, fiz 10 no 11 111-112 '67
- ### 532 FLUID MECHANICS HYDROMECHANICS
- Application of the Prandtl - Mises transformation to the solution of problems of the boundary layer theory. A. Sh. Dorfman. Teplofiz. vyz temp 5 no 5 850-866 S-O '67
- Mass flow meter for liquid metals. N. V. Mironova. Teplofiz. vyz temp 5 no 5 889-893 S-O '67
- Calculating the velocity field in turbulent flow of a fluid in a channel of rectangular cross section. N. I. Pilyav, G. P. Butikov. Teplofiz. vyz temp 5 no 5 841-857 S-O '67
- Calculation of friction and heat exchange in a turbulent boundary layer. V. S. Avdeyevskii, V. M. Kalashnik. Izv AN SSSR Energetika 5 no 5-21 S-O '67
- Calculation of nonsteady-state flow past a rectangular airfoil of low aspect ratio. B. B. Bukhovtsev, N. V. Stepanova. Vest. Mosk un Ser. I Mat. mekh 23 no 182-90 Ia-F '68
- Calculation of statistical characteristics of a random temperature field in a plate with turbulent heat transfer. V. V. Bolotin and others. Teplofiz. vyz temp 5 no 5 933-936 S-O '67
- Coefficients of eddy diffusion and viscosity in large-scale motions of the ocean and atmosphere. V. M. Kamenkov. Izv AN SSSR Fiz atm i okean 3 no 12 1326-1333 D '67
- Considering fluid compressibility in solving problems on the dynamics of hydraulic structures. S. G. Shul'man. Izv VNIIG 81 109-117 '66
- Density of potassium aluminic solutions and mixtures of sodium and potassium aluminates within a wide range of temperatures and concentrations. V. P. Mashovets and others. Zhur. prikl. khim 40 no 11 2387-2388 N '67
- Determination of hydraulic characteristics of local resistances at small steam contents of a flow. I. I. Morozov, P. P. Vasil'ev, Teplotekhnika 15 no 1 75-78 Ia '68
- Differential equations describing the percolation of gas-liquid systems allowing for the mass transfer of residual water. A. Kh. Muzdzhaznade, Z. M. Akhmedov, T. A. Samedov. Dokl. AN SSSR 176 no 5 1035-1038 O '67
- Diffusion kinetics of reaction. Part 3: Attainment of saturation concentration of a substance on surface of a solid in case of first order reaction. I. P. Vyodov. Zhur. fiz. khim 41 no 9 2303-2306 S '67
- Diffusion of the solvents of silver halide in gellike media. Part 2: Effect of swelling of gelatin layers on the diffusion of silver halide solvents. F. N. Gerasimova, A. V. Bronberg. Zhur. nauch. i prikl. fiz. i khim 11 no 6 425-428 N-D '66
- Distribution of maximum instant bottom velocities subsequent to expanding funnels with a drop. V. I. Gerasimchenko. Gid. i gidrotekh. no 5 66-75 '67
- Effect of surface properties in the removal of nonmetallic inclusions in liquid steel. D. I. Povolotskii, V. V. Kozhevov, V. E. Roshchin. Izv. vya uch. zav, inzh. met. 10 no 11 20-24 '67
- Effect of the constriction of a stream in the initial gauge line on the unsteady flow in channels. P. V. Frenkel, L. N. Demchenko. Gid. i gidrotekh. no 5 12-20 '67
- Energy characteristics of a free turbulent steam jet. V. Gusk. Vop. vod. khoz. Mold. no 1 19-62 '64
- Equations for the finite-dimensional probability distribution of the turbulence field. A. S. Monin. Dokl. AN SSSR 177 no 5 1036-1038 D '67
- Experimental study of hydraulic jump length in cylindrical conduits with a round cross-section. V. S. Kal'fa. Gid. i gidrotekh. no 5 44-48 '67
- Experimental study of kinetic energy correctives and flow volume at the whirlpool subsequent section of hydraulic jump. M. T. Ivanov. Gid. i gidrotekh. no 5 60-66 '67
- Flow conditions of a stream through small artificial structures in a bed with a very inclined bottom. L. A. Baits. Gid. i gidrotekh. no 5 20-35 '67
- Flow of an anisotropically conducting medium along a channel in the zone of entry to a magnetic field. A. B. Vetshin, E. K. Khotshevenikova. PMTF no. 5.9-13 S-O '67
- Fluid flow from interior cylindrical nozzles in imperfect conditions caused by a baffle or oblique inlet end. I. U. A. Shchel'syn, V. Kh. Mezhdov, Z. I. Geller. Izv. vya uch. zav, inzh. met. 10 no 9 71-74 '67
- Fractional flow gauge with high-speed pressure. V. M. Zaitsev. Gid. i gidrotekh. no 5 76-83 '67
- Free vibrations of a fluid in a cylinder with ring-shaped ribs. V. A. Trotsenko. Prikl. mekh 3 no 12 73-77 D '67
- Friction coefficient Lambda of fluid flow in pipings of hydraulic drives. A. D. Pansenko. Izv. vya uch. zav, mashinost. no. 9 80-85 '67
- General course in hydraulics given by P. P. Melnikov, R. I. Tsyganov. Izv. vya uch. zav, inzh. met. 10 no 9 131-131 '67
- Hydrodynamic pressure on dams in case of semicircular canyon. S. G. Shul'man. Izv VNIIG 81 104-108 '66
- Hydrodynamic pressure on the elements of very rough spillway aprons. A. N. Rukhmanov. Izv VNIIG 81 7-31 '66
- Hydrodynamic study of a scrubber with conical slitted plates. S. F. Khodikov, A. I. Ermenko, T. N. Smutkin, Khim. i nef. mashinost. no. 4 25-27 Ap '65
- Investigating the structural viscosity of petroleum emulsions of the "Burouneft" Oil Field. A. M. Mironov, M. A. Ashurov and others. Azob. i nef. khoz. 46 no 12 36-38 D '67
- Kinetics of borate dissolution in mineral acid solutions. V. M. Imamatdina. Zhur. prikl. khim 40 no 11 2593-2596 N '67
- Measurement of viscosity of hydrogen isotopes along liquid-vapor equilibrium curve. V. G. Kozlov, N. S. Rudenko. Zhur. fiz. khim 41 no 9 2387-2388 S '67
- Mechanism of cavitation during high-temperature creep. B. I. Tines, R. I. Kuznetsova, S. Z. Lidorukha, Khim. i nef. 12 no 10 1616-1655 O '67
- Modeling transitional processes in the line portion of a petroleum product pipeline. I. A. Kaplan. Izv. vya uch. zav, inzh. met. 10 no 12 87-90 '63
- Molecular structure of liquids n-paraffins and n-alcohols. V. Z. Golik, A. P. Shchegolev, I. I. Adumko. Zhur. strukt. khim 8 no 6 1015-1020 N-D '67
- New principles of ship movement. N. Mal'tsev. Tekhn. vozrozh. no 9 16-21 S '64
- Nomograms for determining actual steam content of water vapor and steam-soluble gases bearing currents in vertical pipes at low pressures and vacuum. I. I. Sagan', S. I. Kachenko, N. I. Tobolovich. Izv. vya uch. zav, inzh. met. 10 no 12 113-117 D '67
- Nonstationary fluid flow in a porous medium under the two-term law of flow. I. M. Gushchin, A. G. Nef. khim. 46 no 12 29-31 D '67
- Obtaining structurally modified water in quartz capillaries. V. I. Anisimov and others. Zhur. fiz. khim 41 no 9 2377-2379 S '67
- On a contact stress problem in the two-dimensional theory of viscoelasticity. I. A. Ruschitskii. Prikl. mekh 3 no 12 55-61 D '67
- Outflow of elastic-plastic thermotropic materials (polys, dyes, and pigments) from a vibrational feed. I. O. Rogee, P. G. Romankov, N. B. Rasikovskaya. Zhur. prikl. khim 40 no 11 2605-2608 N '67
- Rates of dissolution of natural borates in H3PO4 solutions. V. M. Imamatdina. Zhur. prikl. khim 40 no 11 2596-2598 N '67
- Restored bottom drowned jump below combined hydroelectric power stations with horizontal units. P. K. Tsvetkov, N. V. Maluk. Gid. i gidrotekh. no 5 48-51 '67
- Solution of a problem on the expansion of a steady flow in the tailrace of a hydraulic structure. I. A. Shlenkov. Gid. i gidrotekh. no 5 16-41 '67
- Some characteristics of liquid crystals. A. P. Kapustin. Izv. vya uch. zav, inzh. met. 10 no 11 55-61 '67
- Space between the nozzle and the mixing chamber in jet apparatus. M. I. Putlov. Teplotekhnika 14 no 12 64-66 D '67
- Stability of simple stationary waves related to the non-linear diffusion equation. V. M. Elemen'skii. Zhur. eksp. i teor. fiz. 51 no 2 592-597 Ag '67
- Stability of the bounding surfaces of a steam, formed by incoherent soles, and the criterion of ridge formation. N. B. Kereseldze. PMTF no. 5.10-154 S-O '67
- Studying hydraulic characteristics of a flow in the cross-section of a sudden decline in the bottom gradient. A. V. Shevchenko. Gid. i gidrotekh. no 5 55-59 '67
- Studying the mechanism of crystallization of melts in the process of flowing. B. V. Rabinovich, I. U. V. Kamenskii, Nguyen Van Khat. Izv. vya uch. zav, inzh. met. 11 no 1 155-159 '68
- Theory of transition layer and surface tension. I. P. Bazarov. Zhur. fiz. khim. 41 no 9 2185-2188 S '67
- Thermomodification of Co60 and Ni63 in metallic melts. D. K. Belashchenko and others. Izv. vya uch. zav, inzh. met. 11 no 1 5-8 '68
- Unsteady flow with whirlpool areas in the tailrace of structures. P. V. Dromenko. Gid. i gidrotekh. no 5 3-12 '67
- Unsteady gas flow in a constant gravitational field. K. P. Stannikov, K. Dzhupov. Dokl. AN SSSR 177 no. 4 804-807 D '67
- Viscosity of alloys based on palladium and silver. L. L. Dubinin and others. Zhur. neorg. khim 12 no 11 3156-3158 N '67
- Weak turbulence of capillary waves. V. E. Zakharov, N. N. Filonenko. PMTF no. 5.62-67 S-O '67
- X-ray diffraction and electron microscope analysis of the NiCl2O4 / LiCl-S interface. A. E. Perovtsev, D. A. Vlasov, V. D. Chernykh. Zhur. prikl. khim 40 no 11 2506-2513 N '67
- ### 532.13 INTERNAL FRICTION FLUIDITY VISCOSITY
- Theory of the thermomodification separation of polymer solutions taking the viscosity dependence on concentration into account. A. I. Koshchuk, M. M. Kuzakov, P. P. Prolov. Trudy Un. dazh. nar. fiz. 23 no 3 41-50 '67
- ### 532.59 WAVE MOTION WAVES
- Investigations in the field of hydroelasticity. N. P. Rozanov, A. S. Abul'ev. Izv VNIIG 81 34-40 '66
- Velocity fields in the mixing chamber of injection burners with twisting flow. A. I. Shul'nikov. Izv. vya uch. zav, inzh. met. 10 no 12 70-71 D '67
- ### 532.6 SURFACE PHENOMENA CAPILLARITY
- Fracture of hole formation in liquid silver-chromium and ferrochrom. B. A. Baum, P. V. Gid. i P. S. Levin. Izv. vya uch. zav, inzh. met. 10 no 12 51 '67
- Wave processes in a plane-parallel capillary filled with He II. L. N. Adumko, M. I. Kuzanov. Zhur. eksp. i teor. fiz. 51 no. 2 615-625 Ap '67
- ### 533 GAS MECHANICS AEROMECHANICS
- #### RAREFIED GASES PLASMA, MAGNETO HYDRODYNAMICS
- Air-plasma cutting of metals by plasmatron with a zincium cathode. I. M. Likhon, M. I. Demchenko. Avtom. svet. 20 no. 5 16-77 My '67
- Allowing for the angular distribution of radiation in the theory of propagation of weak thermal waves. V. A. Prokofiev. PMTF no. 5.68-79 S-O '67
- Analogs of Prandtl-Mayer flow in a magnetic field parallel to the velocity field. V. G. Lapidovich. PMTF no. 5.101-103 S-O '67
- Analysis of an arc discharge plasma using the lithium emission spectrum. I. E. Gerasimkin, I. S. Likhon. Teplofiz. vyz temp 5 no 5 764-768 S-O '67
- Calculating the temperature field in plasmatron electrodes. B. A. Ushakov. PMTF no. 5.104-105 S-O '67
- Cherenkov radiation of Alfvén waves. V. P. Dakshelev. Zhur. eksp. i teor. fiz. 51 no. 2 721-731 Ap '67
- Compensation for the balloon mode of the plasma instability in toroidal systems. V. D. Shchegolev. Prikl. i teor. Zhur. eksp. i teor. fiz. 51 no 11 975-978 D '67
- Composition and properties of air in a system with a gradient temperature. I. A. Kabanov. Teplofiz. vyz temp 5 no 5 946-948 S-O '67
- Confinement of a plasma in a two-dimensional trap formed by a superhigh-frequency quasi-potential. A. S. Lukyanov. Prikl. i teor. Zhur. eksp. i teor. fiz. 51 no 11 948 D '67
- Contribution to the theory of combustion of gases and condensed substances. S. A. Kaganov. PMTF no. 5.100-105 S-O '67
- Determining the absolute concentration of atoms of small impurities in an arc discharge plasma. R. M. Ibragimov. Izv. AN SSSR no 1 Ser. fiz. i khim. no 1 53-59 '66
- Dissipative instability of a nonisothermal electrically conducting flow between parallel plates in a transverse magnetic field. I. V. Samokhin. PMTF no. 5.101-105 S-O '67
- Effect of capacitance between the rod and a plasma on the determination of electric conductivity of a plasma by contour methods. A. I. Levin, I. P. Babitskiy. Teplofiz. vyz temp 5 no 5 769-770 S-O '67
- Effect of the Mach number on fluctuations in the hypersonic flow behind a cone. A. I. Shchegolev and others. Vest. Mosk un. Ser. I Mat. mekh 23 no 1 75-78 Ia '68
- Experimental and theoretical investigation of the thermal conductivity and total radiation coefficient for a nitrogen plasma. I. I. Avdeyevskii. Teplofiz. vyz temp 5 no. 5 749-750 S-O '67
- Experimental study of specific volume of air. A. D. Kozlov. Teplotekhnika 15 no 1 70-74 Ia '68
- Flow of a conducting liquid in magnetohydrodynamic channels allowing for the self-inductance and mutual inductance of the external circuit. A. G. Halimov, A. I. Khozhainov. PMTF no. 5.101-106 S-O '67
- Fluctuations and scattering of electromagnetic waves in a plasma located in an external electric field. V. V. Angolitski, I. A. Akhuzer. Zhur. eksp. i teor. fiz. 51 no. 2 689-698 Ag '67
- Graphical method of calculating supersonic outflow. A. I. Chernykh. Izv. vya uch. zav, inzh. met. 10 no 12 140-143 '67
- Heating of ions in a turbulent plasma. P. K. Zaslavskii, S. L. Nodoev, I. I. Rudakov. Prikl. i teor. Zhur. eksp. i teor. fiz. 51 no 11 951-953 D '67
- Hydraulic appliance for shifting thin films under vacuum in zonal refining. L. K. Beitzler, A. A. Paltuchinskii, I. A. Stannikov. Prikl. i teor. Zhur. eksp. i teor. fiz. 51 no. 6 211-211 N-D '66
- Influence of higher hydrocarbons on the sorption and gas-retaining capacity of coals. R. M. Kiselevskii, T. V. Stukovskaya. Ugl. i nef. 46 no 5 11 '67 My '67
- Interaction with hydrogen of palladium - 40 mass % of A. A. Rodina, M. A. Gurevich, N. I. Donadzeva. Zhur. fiz. khim. 41 no. 9 2382-2383 S '67
- Ion-cyclotron instability of a plasma in an adiabatic trap with a minimum B. I. U. T. Rabinovich and others. Zhur. eksp. i teor. fiz. 51 no. 2 513-527 Ap '67
- Kinetic energy exchange in a dense weakly ionized argon plasma. V. I. Akshunov, D. B. Gerasimkin, I. V. Podmoshanskii. Teplofiz. vyz temp 5 no. 5 761-763 S-O '67
- Limiting currents and electron-ion oscillations in quasi-neutral electron beams. M. V. Nezhlin, A. M. Gordinov. Zhur. eksp. i teor. fiz. 51 no 2 177-180 Ag '67

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- 555 (Continued)
- 555.1. A study of generation of laser radiation in a system with a nonuniformly doped luminescence band. A. S. Mikhalevich. *Ukr. fiz. zhur.* 12 no. 10 1728-1740 O '67.
- 555.2. Features of photoconductivity of bismuth iodide single crystals. N. M. Dikunov. *Uch. zap. Ped. inst. Gerts.* 303 154-162 '66.
- 555.3. Limits of applicability of the iteration method in the photon absorption theory. T. V. Lugina. *Izv. vuz. fiz.* 10 no. 11 133-135 '67.
- 555.4. Mechanism and decomposition of sulfide phosphorus following its exposure to ionizing radiation. A. R. Fersman. *Ukr. fiz. zhur.* 12 no. 11 1555-1557 '67.
- 555.5. Luminescence of sodium chloride activated by tin tetrahydride. P. R. Garbuz, S. P. Kovalova, S. V. Kuz'man. *Izv. SO AN SSSR no. 2 Ser. fiz. khim. nauk.* no. 1 160-162 '66.
- 555.6. Luminescence of sodium chloride in superstrong electric fields. N. S. Nasmolov, I. S. Pribluda. *Izv. vuz. ucheb. fiz.* 10 no. 11 15-15 '67.
- 555.7. Luminescence of Pb^{2+} in the system $CaWO_4 - CdWO_4$. I. I. Aleksandrova and others. *Izv. AN SSSR Ser. fiz.* 12 no. 1 50-53 '66.
- 555.8. Luminescence of thallium compounds in Pb^{2+} . N. I. Kuz'man, A. I. Golov, I. I. Tarasova. *Izv. AN SSSR Ser. fiz.* 12 no. 1 24-26 '66.
- 555.9. Magnetic spectrometry for 100 MeV γ particles. N. G. Artyukov and others. *Pril. i tekhn. eksp.* 11 no. 5 44-50 S-O '66.
- 555.10. Measuring the refractive index and the thickness of thin transparent films. A. D. Korotkiy, I. U. G. Pulin. *Pril. i tekhn. eksp.* 11 no. 6 161-165 N-D '66.
- 555.11. Measuring of two light frequencies caused by free current carriers in semiconductor with nonuniformity and nonuniformity of energy surfaces. A. A. Gumbatov. *Fiz. tverd. tela* 9 no. 9 2511-2518 S '67.
- 555.12. Ultraviolet radiation from $NiCl_2$. S. P. R. Garbuz, S. V. Kuz'man. *Izv. SO AN SSSR no. 2 Ser. fiz. khim. nauk.* no. 1 162-164 '66.
- 555.13. New luminescent indicator for the determination of aromatic compounds. I. U. M. Zhovtyi and others. *Khim. i tekhn. topol. masel* 10 no. 6 61-62 Jo '65.
- 555.14. Nonlinear negative absorption of light in a nonuniformly doped semiconductor. L. A. Rivina. *Pril. i tekhn. eksp.* 11 no. 6 166-167 '67.
- 555.15. Jetty magnetic resonance and delocalization of unpaired electrons on malonic acid radicals. N. A. Sysoyeva and others. *Zhur. strukt. khim.* 8 no. 6 1091-1097 N-D '67.
- 555.16. Jetty magnetic resonance study of solvate complexes of $ThCl_4$ with dimethylformamide and CH_3OH . V. M. Golub, P. A. Kalibishchuk, A. S. Kuts, Zhur. neorg. khim. 12 no. 11 2081-2088 N '67.
- 555.17. Optical properties of an exciton condensate in semiconductor. V. A. Geigel', R. I. Kazarinov, R. A. Smirnov. *Zhur. eksp. i teor. fiz.* 51 no. 2 511-513 Ag '67.
- 555.18. On the influence of many-body complexes according to infrared spectroscopy data. V. M. Vovchenko and others. *Zhur. neorg. khim.* 12 no. 11 2011-2021 N '67.
- 555.19. Paramagnetic center in calcite. M. I. Samoilovich, N. I. Andrusenko. *Zhur. strukt. khim.* 8 no. 6 1099-1091 N-D '67.
- 555.20. Photoconductivity changes of electroluminescent ZnS single crystals due to excitation by an alternating field. U. D. Dzhuzev, B. G. Chernyavskiy. *Izv. vuz. ucheb. fiz.* 10 no. 11 135-137 '67.
- 555.21. Photoelectric negative charges in liquid helium. I. A. Toman. *Pril. i tekhn. eksp.* 11 no. 6 160-161 '67.
- 555.22. Photoelectric properties of lead iodide. A. V. Malinina. *Uch. zap. Ped. inst. Gerts.* 303 161-165 '66.
- 555.23. Possibility of determining a scale by means of atomic absorption spectrophotometry. A. S. Rivina. *Zav. lab.* 33 no. 9 1096-1097 '67.
- 555.24. Possibility of the application of EPR spectra for solving the problems of conjugation of aromatic systems. I. I. Grandberg, V. B. Golubev, O. R. Kholodova. *Zhur. strukt. khim.* 8 no. 6 1021-1026 N-D '67.
- 555.25. Quantum yield of radical recombination luminescence of phosphors based on ZnS and ZnO . V. V. Styrov, V. A. Skolev, I. U. P. Osipenko. *Izv. vuz. ucheb. fiz.* 10 no. 11 62-68 '67.
- 555.26. Radiative conductivity in lead oxide under the effect of X-rays. M. L. Galantseva, V. A. Levchikov. *Uch. zap. Ped. inst. Gerts.* 303 111-115 '66.
- 555.27. Radiospectroscopy in chemistry. A. L. Buchachenko. *Zhur. fiz. khim.* 11 no. 10 2586-2600 O '67.
- 555.28. Sensitized luminescence and induced radiation of yttrium-aluminum garnet crystals. R. V. Bakalov and others. *Zhur. eksp. i teor. fiz.* 53 no. 2 190-191 Ag '67.
- 555.29. Shifting of lines in the spectra of neodymium benzoyl acetates in aqueous-methanol solutions. N. K. Davidenko, K. B. Iatsimskiy, L. N. Lugina. *Zhur. neorg. khim.* 13 no. 11 130-142 Ja '68.
- 555.30. Spectrophotometric determination of oil content of liquid ammonia. G. A. Isaulov, A. P. Volkova, F. A. Movsisyan. *Zav. lab.* 33 no. 9 1085-1086 '67.
- 555.31. Spectrophotometric study of some 1:1 heteropoly compounds in solution. R. F. Reznik, G. M. Ganzburg, G. V. Mal'gova. *Zhur. neorg. khim.* 12 no. 11 3101-3101 N '67.
- 555.32. Spectrum of α -oxygen in a strong magnetic field. V. V. Litvinenko, I. U. G. Litvinenko. *Zhur. eksp. i teor. fiz.* 53 no. 2 539-543 Ag '67.
- 555.33. Splitting of absorption lines of solid α -oxygen in a strong magnetic field. L. S. Lazareva and others. *Ukr. fiz. zhur.* 12 no. 10 1615-1621 O '67.
- 555.34. Structure of aminotriyl (ary) triphosphorophosphates. M. A. Landau and others. *Zhur. strukt. khim.* 8 no. 6 1087-1100 N-D '67.
- 555.35. Study of chelate acid complexes of bismuth by extraction with amines and ultraviolet spectrophotometry. I. A. Shchepel', N. A. Kermakova, A. V. Kermakova. *Zhur. neorg. khim.* 12 no. 11 311-313 N '67.
- 555.36. Studying a thermal field by means of the Mach-Zehnder interferometer. B. Sh. Perkal'skiy, V. I. Lavin. *Izv. vuz. ucheb. fiz.* 10 no. 11 141-142 '67.
- 555.37. Studying of hydrous scandium nitrate by the proton magnetic resonance method. V. T. Chuvpov and others. *Zhur. neorg. khim.* 12 no. 11 2899-2904 N '67.
- 555.38. Studying the induced Raman scattering of light and self-focusing in carbon disulfide. A. I. Sokolovskaya and others. *Zhur. eksp. i teor. fiz.* 53 no. 2 129-136 Ag '67.
- 555.39. Studying the Na^{3+} optical centers in $CaF_2 - TR^{3+}$ crystals (type II). I. U. K. Voronko, R. G. Mikhaev, V. V. Osiko. *Zhur. eksp. i teor. fiz.* 53 no. 2 481-486 Ag '67.
- 555.40. Studying the structure of nonuniformly doped luminescence bands of active media by means of induced radiation spectra. M. S. Bilokiy, A. D. Maral'skiy, M. S. Nozkin, Ukr. fiz. zhur. 12 no. 10 1717-1727 O '67.
- 555.41. Studying the thresholds of induced Mandelstam-Billouin scattering for various media at 0.35 μ . I. U. G. Litvinenko, A. D. Martynov. *Pril. i tekhn. eksp.* 11 no. 6 161-165 N-D '66.
- 555.42. Theory of absorption and radiation of light by impurity centers in paramagnetic crystals. M. A. Kuvshinov, G. I. Levenson. *Fiz. tverd. tela* 9 no. 9 2693-2703 S '67.
- 555.43. Theory of photoionization of F^{2+} color centers. A. A. Buzan. *Fiz. tverd. tela* 9 no. 9 2756-2757 S '67.
- 555.44. Thermoluminescence of γ -irradiated crystals CaF_2 -Dy and CaF_2 -Tb. Co. S. K. Batyagin, V. V. Osiko. *Izv. AN SSSR Ser. fiz.* 12 no. 1 8-10 Ja '68.
- 555.45. Time-dependent and spectral characteristics of the emission accompanying the damages of rock salt and glass by a laser beam. M. P. Lyudskanov, I. V. I. Keshchev. *Ukr. fiz. zhur.* 12 no. 10 1698-1710 O '67.
- 555.46. Vibrational spectra of thorium nitrate complex compounds. I. I. Pechenkin and others. *Zhur. neorg. khim.* 12 no. 11 2971-2982 N '67.
- 555.47. X-ray absorption spectra of sulfur atoms in some ligands containing sulfur. A. P. Sidorovskiy, S. V. Larionov, E. E. Vannitskaya. *Zhur. strukt. khim.* 8 no. 6 1043-1047 N-D '67.
- 555.48. Zinc tungstate single crystals with nonstoichiometric structure. L. N. Litvinenko and others. *Izv. AN SSSR Ser. fiz.* 12 no. 1 34-36 Ja '68.

555.2 LIGHT RADIATION, ENERGY. PHOTO-METRY

- 555.2. Attachment to the UR-10 spectrophotometer for measuring the reflection coefficient. A. A. Kukhar'skiy. *Pril. i tekhn. eksp.* no. 2 225-226 Mr.-Ap '67.
- 555.3. Calculating the coefficient of radiant thermal conductivity in the presence of a molecular spectrum. I. M. Biberman, A. N. Litvinov. *Teplotiz. vys. temp.* 5 no. 5 924-926 S-O '67.
- 555.4. Counter tube for studying the generation of forced radiation on solutions. A. V. Arisov, I. U. S. Maslovskiy. *Pril. i tekhn. eksp.* no. 2 228-229 Mr.-Ap '67.
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- 555.6. Polyfluorocethylene (can) tubes for the study of absorption spectra of aggressive media in the 0.22-7 micron region. P. A. Zagorets, G. G. Mikhailov. *Pril. i tekhn. eksp.* no. 2 229-230 Mr.-Ap '67.
- 555.7. Study of the luminous flux modulation in gigahertz range by the use of the normal photomultiplier. I. E. Zaleskiy and others. *Pril. i tekhn. eksp.* no. 2 164-167 Mr.-Ap '67.
- 555.8. Use of gas burners with infrared radiation in sausage production. P. Korolev. *Mias. ind. SSSR* 38 no. 11 13-11 N '67.

555.31 GEOMETRICAL OPTICS REFLECTION. REFRACTION

- 555.31. Dynamic effects of electric reflection and piezoreflection of light by crystals. G. S. Kiselev. *Usp. fiz. nauk* 94 no. 1 113-154 Ja '68.
- 555.32. Interferometer for measuring small changes in the refraction index. V. V. Korobkin, A. A. Maliutin, M. I. A. Shchelev. *Pril. i tekhn. eksp.* no. 2 223-225 Mr.-Ap '67.

555.4 INTERFERENCE, DIFFRACTION, ETC

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555.5 POLARIZATION, DOUBLE REFRACTION, ETC

- 555.5. Automatic 3EP60 polarimeter. L. V. Krasnopol'skiy. *Pril. i tekhn. eksp.* no. 2 167-172 Mr.-Ap '67.
- 555.6. Some research data on the polarization of daylight in the sea. M. N. Kaigutov. *[Trudy] Mor. gidrof. inst. AN URSR* 38 104-119 '67.

556 HEAT THERMODYNAMICS

556. Activity coefficients of sodium, potassium, and magnesium nitrites. N. P. Chekhunova, P. I. Protchenko. *Zhur. fiz. khim.* 41 no. 9 2266-2268 S '67.
556. Allowing for the angular distribution of radiation in the theory of propagation of weak thermal waves. V. A. Prokofiev. *PMTE* no. 5:68-79 S-O '67.

556. Approximation of temperature fields in concrete blocks. S. N. Phat, N. I. A. Shchepel'. *Izv. VNIIG* 81-118-124 '66.
556. Automatic microcalorimeter. T. K. Zavadovskaya, A. V. Kuz'mina, E. M. Golovchanskaya. *Pril. i tekhn. eksp.* 11 no. 5 217-219 S-O '66.
556. Automatic temperature regulator for measurements in the range of 10° to 150° K. I. A. G. Ponomarev. *Pril. i tekhn. eksp.* 11 no. 6 218-220 N-D '66.
556. A boundary value problem for a nonlinear heat conduction equation. K. G. Valeev, I. U. V. Rakhish. *PMTE* no. 5 52-61 S-O '67.
556. Barov, V. A., and others. [Classroom demonstrations in physics for higher grades of secondary school textbook for teachers] Demonstratsionnyi eksperiment po fizike v starshikh klassakh srednei shkoly, posobie dlia uchitel'ia Moskva, "Prosveshchenie".
556. Ch. I [Mechanics Heat] Mokhanika, teplota Pod red. A. A. Pokrovskogo. 1967. 360 p.
556. Calculating the coefficient of radiant thermal conductivity in the presence of a molecular spectrum. I. M. Biberman, A. N. Litvinov. *Teplotiz. vys. temp.* 5 no. 5 924-926 S-O '67.
556. Calculating the hardening of solids of the simplest shape. E. A. Iodko. *Izv. vuz. ucheb. fiz.* 10 no. 12 147-151 '67.
556. Calculating the temperature field in pyramidal electrodes. B. A. Orlov. *PMTE* no. 5 81-91 S-O '67.
556. Calculating the thermal conditions of a periodic action laser. V. B. Fedorov, V. S. Iginov, I. F. Fedorova. *Teplotiz. vys. temp.* 5 no. 5 883-888 S-O '67.
556. Calculation of statistical characteristics of a random temperature field in a plate with turbulent heat transfer. V. V. Bolotin and others. *Teplotiz. vys. temp.* 5 no. 5 941-946 S-O '67.
556. Calorimeter collector for measuring the energy of accelerated electrons. G. B. Radlovskiy, P. I. A. Glazunov, A. N. Vain. *Pril. i tekhn. eksp.* no. 2 165-168 Mr.-Ap '67.
556. Causes of discharges from oxygen-blown converter. V. S. Korcho and others. *Metallurg* 12 no. 4 18-19 Ap '67.
556. Characteristics of thermal radiation of Au-Cr - Willhach lattices in flames. M. B. Kondratuk, V. A. Sokolov. *Izv. vuz. ucheb. fiz.* 10 no. 11 95-102 '67.
556. Dependence of the vapor tension of scandium oxide on temperature. V. N. Pedosov, A. P. Nadolskiy. *Trudy IPI* no. 27-80-93 '66.
556. Derivation of some thermal conductivity formulas of crystalline lattices in the Debye approximation by means of the "m"-theorem of the dimension theory. I. G. Nagornyy, K. M. Kul'skiy. *Izv. vuz. ucheb. fiz.* 10 no. 11 125-127 '67.
556. Determination of heat of reactions in pyrolysis of coal. A. A. Agoskin, E. I. Gorchakov. *Izv. vuz. ucheb. fiz.* 10 no. 10 1101-1105 '67.
556. Determination of the density of saturated vapors. G. P. Filipova. *Izv. vuz. ucheb. fiz.* 10 no. 10 1120-1123 '67.
556. Determining the maximum output in an isolated system with restricted energy capacities of the heat source and the refrigerator. G. A. Vashavskiy. *Dokl. AN SSSR* 177 no. 1 828-831 D '67.
556. Device for producing miniature thermocouples from thin wires. I. F. Platonov. *Pril. i tekhn. eksp.* 11 no. 5 242-241 S-O '66.
556. Device for studying heat conductivity and heat capacity in the monotonous heating range. V. V. Kuz'man, I. S. Platonov. *Izv. vuz. ucheb. fiz.* 10 no. 11 127-130 '66.
556. Device for testing microspecimens in temperatures of 1, 3 + 1200° K. I. A. Gindin and others. *Pril. i tekhn. eksp.* no. 2 240-241 Mr.-Ap '67.
556. Dissociation pressure of potassium, rubidium, and cesium polyiodides. A. V. Balikov, B. D. Stepin. *Zhur. neorg. khim.* 13 no. 11 11-14 Ja '68.
556. Electronic specific heat of semimetals. V. M. Grabov, G. A. Ivanov. *Uch. zap. Ped. inst. Gerts.* 303 107-191 '66.
556. An electronic thermometer. I. V. Zaitsev. *Uch. zap. Ped. inst. Gerts.* 303 111-115 '66.
556. Electroresistance of chromium near the Neel point. I. B. Amelin, I. U. A. Kovalevskaya. *Fiz. tverd. tela* 9 no. 9 2731-2745 S '67.
556. Empirical dependence for calculating heat transmission through a finned wall. M. A. Geishelev, R. A. Berezinskiy. *Teplotiz. vys. temp.* 5 no. 5 973-975 Ja '68.
556. Enthalpy of formation of rubidium and cesium chlorotitanates (II). D. V. Korol'kov, V. O. Zakhar'chuk, Zhur. neorg. khim. 12 no. 11 2951-2959 N '67.
556. Equilibrium and nonequilibrium. I. R. Platonov. *Uch. zap. Ped. inst. Gerts.* 303 57-73 '66.
556. Experimental determination of thermal conductivity of alkyl-aryls-chlorosilanes. D. L. Timofeev, V. N. Protopov, V. E. Lianerik. *Teplotiz. vys. temp.* 5 no. 5 926-928 S-O '67.
556. Experimental determination of thermal conductivity of sodium and potassium vapors as a function of temperature and pressure. D. L. Timofeev, U. F. Tutsik. *Teplotiz. vys. temp.* 5 no. 5 933-931 S-O '67.
556. Experimental investigation of metallic screen insulation in an air and helium medium. A. I. Korshakov, F. F. Bogdanov. *Teplotiz. vys. temp.* 5 no. 5 821-826 S-O '67.
556. Experimental investigation of the thermal conductivity of potassium and sodium vapors. N. V. Vargafik, A. A. Vashchenin. *Teplotiz. vys. temp.* 5 no. 5 802-811 S-O '67.

- Thermal conductivity of filling made of powdered and chip materials. A. N. Vasil'ev and others. Teploenergetika 14 no 12 81-82 D '67.
- Thermal conductivity of heat-resisting high aluminate concrete in the temperature range of 200° to 1500°C. V. I. Chukhlovskoi and others. Teplofiz. vys. temp. 5 no 5 789-792 S-O '67.
- Thermal dissociation of basic sulfate $\text{BaSO}_4 \cdot \text{H}_2\text{O}$, $\text{SrSO}_4 \cdot \text{H}_2\text{O}$, $\text{CaSO}_4 \cdot \text{H}_2\text{O}$ and others. Zhurav'ko, I. I. no 11 114-116 Ja '68.
- Thermodynamic analysis of equilibrium of spinel solid solutions and estimate of variable defectiveness. I. U. Vorob'ev, A. N. Men' G. I. Chudakov. Zhurav'ko, I. I. no 4 2171-2173 S-O '67.
- Thermodynamic process during variable heat capacity and emission of heat. I. U. Vorob'ev. Teploenergetika 14 no 12 48-51 D '67.
- Thermophysical indices of cream with various fat contents. I. U. Vorob'ev, G. I. Tverdokhlebov. Izv. vuz. ucheb. zap. 10 no 6 72-77 '67.
- Use of differential-thermal calorimetry in measuring the energy stored by some crystals under irradiation. F. K. Zaidakovskii and others. Prikl. tekhn. eksp. II no 5 213-217 S-O '66.
- Using high-speed film cameras with optical comparison for measuring color temperatures of self-luminous objects. G. G. Shchukhin, V. O. Ildin. Teplofiz. vys. temp. 5 no 5 928-930 S-O '67.
- Using methods of mineral thermometry for the evaluation of crystal-bearing veins in the early stage of their prospecting. A. V. Kopius, Izv. vuz. ucheb. zap. 10 no 1 1264-68 D '67.
- Vapor pressure of arsenic, phosphine, and hydrogen sulfide. A. D. Zorin, S. G. Kravchenko. Izv. vuz. ucheb. zap. khim. i biom. tekhn. 10 no 10 1087-1100 '67.
- Wide-area pyroelectric radiation receiver. L. S. Karmen'chuk, A. F. Mal'nev, V. B. Samoilov. Prikl. tekhn. eksp. II no 6 1671-171 N-D '66.
- Zonal calculation of heat exchange in selectively-gray radiation. S. P. Detko. Izv. vuz. ucheb. zap. energ. 10 no 12 91-95 D '67.
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- Heat exchange in the initial section of a pipe at high temperature pressure. A. L. Vaschenko, I. A. Shup'ko, N. P. Seleznev. Izv. vuz. ucheb. zap. khim. i biom. tekhn. 10 no 11 171-175 '67.
- Intensity of heat transfer in film condensation of pure sodium vapor. N. V. Bakulin and others. Teplofiz. vys. temp. 5 no 5 930-932 S-O '67.
- Investigating the unsteady temperature field of a moving particle at $\text{Re} \approx 1$. D. I. Vahani. Soob. AN Gruz. SSR 47 no 131-135 Ji '67.
- Nonstationary heat transfer in a tube with variation of the heat flux and gas flow rate. B. M. Gaitsevalskii and others. Teplofiz. vys. temp. 5 no 5 867-876 S-O '67.
- Simultaneous gas heating of two plates of differing mass. I. U. Vorob'ev, P. B. Shklat, Izv. vuz. ucheb. zap. khim. i biom. tekhn. 10 no 11 176-182 '67.
- Some results of the investigation of a high-temperature heat exchanger with transverse flow through the intermediate heat carrier. Z. R. Gorbits, V. A. Kalandadze, V. B. Derman. Teplofiz. temp. 5 no 5 841-848 S-O '67.
- Study of the external heat and mass transfer in the drying of bonded nonwoven textile fabrics. V. I. Kuz'min, L. L. Dobrosredov. Izv. vuz. ucheb. zap. tekhn. tekhn. prom. no. 3 125-127 '67.
- Thermal conductivity of highly doped p-PbTe. I. A. Smirnov and others. Fiz. tverd. tela 9 no 2 2638-2615 S '67.
- 536 46 COMBUSTION FLAMES**
- Effect of air preheating on the radiation characteristics of a diffusive flame of natural gas. V. I. Donets, V. A. Kivandin. Izv. vuz. ucheb. zap. khim. i biom. tekhn. 10 no 1 167-171 '68.
- Regularities of changes in the intensity of smelting in various capacity blast furnaces. A. N. Bondarenko, M. A. Ostoukhov. Izv. vuz. ucheb. zap. khim. i biom. tekhn. 10 no 12 19-23 '67.
- Studying the characteristics of turbulence of a free and bounded isothermal flame. V. I. Mikhaltyn, A. F. Ulenkov. Izv. vuz. ucheb. zap. khim. i biom. tekhn. 10 no 1 160-165 '68.
- 536 48 LOW TEMPERATURE PHENOMENA**
- Automatic regulator of the adiabatic system of a low-temperature calorimeter. V. M. Mamutskii, Prikl. tekhn. eksp. no. 2 193-197 Mr-Ap '67.
- A cryostat for studying the effect of light on the electron paramagnetic resonance spectra of various substances at helium temperatures. O. G. Koshelev. Prikl. tekhn. eksp. II no 6 218-218 N-D '66.
- Device for obtaining temperatures between 4.2° and 0.3° K. A. D. Shvets. Prikl. tekhn. eksp. II no 5 245-248 S-O '66.
- History of the discovery and interpretation of the superfluidity of liquid helium, on the 60th birthday of Academician L. D. Landau. E. M. Lifshits, Priroda no 1 73-79 '68.
- Measuring magnetostriiction at low temperatures using a superconductive solenoid. V. I. Pribludnykh. Tekhn. eksp. no 2 173-175 Mr-Ap '67.
- Use of extremely low temperatures in optical magnetization of model. V. G. Andriyashov. Tekhn. eksp. no 9 1163 '67.
- 536 75 ENTROPY IRREVERSIBILITY PHENOMENA**
- Basic metabolism in animals as related to the entropy principle of information. A. I. Babin. Dokl. AN SSSR 177 no 5 1219-1220 '67.
- 537 ELECTRICITY**
- Effect of the pressure and kind of semiconductor on the operation of a UMV-100 electron gun. I. A. Andriyashov and others. Prikl. tekhn. eksp. II no 6 190 D '66.
- Electric properties of solid solution compounds of the $\text{KCl} - \text{KBr}$ system. P. A. Annenkov, A. A. Gishchukov. Izv. vuz. ucheb. zap. 10 no 11 71-77 '67.
- Elementary derivation of the electron-phonon interaction in the electron-phonon field. S. V. Piontsev. Fiz. tverd. tela 9 no 2 266-276 '66.
- Ion energy emerging from a high-quality surface. V. I. Vorob'ev, I. U. Vorob'ev, I. U. D. Morozov. Tekhn. eksp. II no 5 14-16 S-O '66.
- Measurement of the current phase density of a proton beam. V. A. Butalin, V. I. Morozov. Tekhn. eksp. II no 5 16-19 S-O '66.
- Using electro-mechanical systems of a thermoelectric motor. M. I. Gerasimov. Tekhn. eksp. II no 5 16-19 S-O '66.
- 537 1 THEORY OF ELECTRICITY**
- Developing some concepts in the theory of electricity. I. U. Vorob'ev. Prikl. tekhn. eksp. II no 5 14-16 S-O '66.
- 537 2 ELECTROSTATICS. ELECTRODYNAMICS. ETC.**
- Dependence of the electric conductivity of a compound on the electric field strength. M. I. Gerasimov, I. A. Koz'minova, A. F. Kalganov. Tekhn. eksp. II no 10 119-120 '67.
- Effect of the electric field on the polarization of ions in the S-state. M. I. Gerasimov, I. A. Koz'minova. Tekhn. eksp. II no 10 121-122 '67.
- Effect of the external electric field on the polarization of ions in the S-state. M. I. Gerasimov, I. A. Koz'minova. Tekhn. eksp. II no 10 123-124 '67.
- Electric strength of Al₂O₃ films. V. I. Koz'minova. Tekhn. eksp. II no 10 125-126 '67.
- High temperature X-ray study of a ferromagnetic material. B. I. Piontsev, L. G. Iannitelli, I. A. Koz'minova. Izv. AN SSSR Neorg. mat. 1 no 1 1-11 '67.
- Instability of elastic oscillations in piezoelectric conductors in a variable magnetic field. A. A. Piontsev. Tekhn. eksp. II no 10 127-128 '67.
- Linear Stark effect on the H-band of a tube. V. I. Koz'minova, V. N. Medvedev. Tekhn. eksp. II no 10 129-130 '67.
- Longitudinal relaxation of electric dipoles. V. I. Koz'minova, V. N. Medvedev. Tekhn. eksp. II no 10 131-132 '67.
- Luminescence of sodium chloride in supercritical fields. N. S. Nemelov, L. S. Piontsev. Tekhn. eksp. II no 10 133-134 '67.
- Measuring dielectric characteristics and the conductivity of point material and composites. S. M. Smekhov, I. A. Nitsburg. Tekhn. eksp. II no 10 135-136 '67.
- Measuring static electricity in fibrous materials. M. I. Gerasimov. Tekhn. eksp. II no 10 137-138 '67.
- Photoconductivity changes of electroluminescent single crystals due to excitation by an ultraviolet light. U. D. Dzharov, B. G. Chernavskii. Izv. vuz. ucheb. zap. 10 no 11 135-137 '67.
- Resonance method of determining the conductivity of electron-phonon coupling in semiconductors. I. A. Korovin, S. T. Pavlov. Prikl. tekhn. eksp. II no 6 219-220 '67.
- 537.226 DIELECTRICS. FERROELECTRICITY**
- Current pulses in dielectrics at elevated temperatures. M. S. Kosman, I. A. Chernavskii. Tekhn. eksp. II no 6 221-222 '66.
- Equations of motion for magnetization and for the temperature changes of a ferromagnetic substance. F. G. Petrov, A. A. Iat'chenko. Tekhn. eksp. II no 9 2568-2578 S '67.
- Measuring the second emission characteristics of dielectrics and semiconductors. I. A. Korovin, I. A. Chernavskii. Prikl. tekhn. eksp. no. 2 231-232 Mr-Ap '67.
- A phenomenological approach to the quantization of the electric strength of solid dielectrics. I. U. Vorob'ev. Izv. AN SSSR no. 2 301-302 '67.
- Relaxation processes in dielectrics. M. I. Gerasimov. Tekhn. eksp. II no 10 139-140 '67.
- Superhigh frequency dielectric properties of a dielectric lead metaloxide and of some other materials based on it. A. I. Tverdokhlebov, V. M. Piontsev. Tekhn. eksp. II no 3 120-121 '67.
- Theory of interaction of charged particles with dielectric. I. V. Ioffe. Fiz. tverd. tela 9 no 2 271-272 S '67.

537 3 ELECTRIC CURRENT ELECTROKINETICS

- Absorption of ultrasound in the intermediate state of superconductors. A. P. Andreev, Zhur. eksp. i teor. fiz. 53 no. 2 680-688 Ag '67.
- Anomalous properties of conduction electrons near the Curie point. I. L. Nagiev, Fiz. tver. tela 9 no. 9 2169-2177 S '67.
- Basic method in the drawing of radioelectronic circuits. I. V. Novozhilova, Shkola inzh. 11 no. 6 25-26 S '67.
- Changes in the conductivity and optical absorption of fluoride following the irradiation in a reactor and in a synchrocyclotron. I. U. B. Vladimirov and others, Izv. vuz. ucheb. zav. fiz. 10 no. 11 51-51 '67.
- Coefficients of distribution of some impurities in gallium arsenide in the process of nonrecrystalline zone melting. V. V. Karataev, M. G. Milvidskii, G. V. Bliznuk, Izv. AN SSSR, Neorg. mat. 3 no. 11 1901-1907 N '67.
- Conductivity mass of holes in InSb. G. P. Skornikov and others, Fiz. tver. tela 9 no. 9 2625-2629 S '67.
- Conductance on superconducting materials. I. U. V. Efimov, Atom. energ. 24 no. 1 101-102 Ja '68.
- Determination of ash content in starch molasses by the electric conductivity of its solutions. N. N. Troguibov, V. R. Lakovleva, E. K. Sidorova, Sukh. prom. 11 no. 11 97-99 N '67.
- Determination of charges of atoms in AlV IV-type semiconductor by overlapping integrals. S. S. Ratsanov, I. I. Korovin, Teor. i eksp. khim. 3 no. 6 810-812 N '67.
- Determining the parameters of Bi-Sb alloys. V. M. Grabov and others, Uch. zap. Ped. inst. Gerts. 303 193-203 '66.
- Determining the Q-factor of semiconductor thermoelectric devices at a constant heat flow. A. T. Belevtsev, H. V. Kovalevskii, M. S. Iakubits, Teplofiz. vys. temp. 5 no. 5 601-606 S-O '67.
- Dynamic of conduction electrons under conditions of the magnetic field. A. A. Slutskii, Zhur. eksp. i teor. fiz. 53 no. 2 767-781 Ag '67.
- Effect of capacitance between the coil and a plasma on the determination of electric conductivity of a plasma by contour methods. A. L. Levin, I. P. Poberezhskii, Teplofiz. vys. temp. 5 no. 5 769-777 S-O '67.
- Effect of intermittent microwaves on Opalina rumarum. P. O. Makarov, D. Sh. Ismailov, Izv. vuz. 8 110-143 '67.
- Effect of iodine on the electroconductivity of liquid selenium. R. V. Sokolov, B. V. Borisenko, Uch. zap. Ped. inst. Gerts. 303 181-185 '66.
- Effect of thallium impurity on the electrical and luminescence phenomena in KBr observed in the thermoluminescence apparatus. L. P. Kuznetsov, G. A. Mikhailchenko, Izv. AN SSSR Ser. fiz. 32 no. 1 27-29 Ja '68.
- Electric conductivity of Bi thin films in strong electric fields. V. I. Vatanianuk, I. U. A. Kullupin, O. G. Sarbei, Pis'ma v red. Zhur. eksp. i teor. fiz. 7 no. 1 23-25 Ja '68.
- Electroresistance of chromium under the Neel point. E. H. Amelin, I. U. A. Kovalevskii, Fiz. tver. tela 9 no. 9 2714-2715 S '67.
- Insulation currents in diode structures on gallium arsenide films. P. I. Adirovich, L. A. Dubovskii, L. B. Sotnikina, Dokl. AN SSSR 177 no. 5 1047-1049 D '67.
- Ionization for the yield of electrophoretic deposit. V. A. Malov and others, Zhur. prikl. khim. 40 no. 11 2501-2503 N '67.
- Equipment for measuring the absolute thermoelectromotive force of metals and semiconductors in a temperature range of 20°-2500° C. O. A. Golikova, G. P. Ivanov, V. I. Novikov, Zav. lab. 33 no. 6 772-774 '67.
- Kinetics of radiation changes of electric conductivity of alkali halide crystals. I. A. Melik-Galkazian, L. I. Bozhelina, V. M. Lilitayn, Izv. vuz. ucheb. zav. fiz. 10 no. 11 157-160 '67.
- Manufacture of channel in electric furnaces. A. P. Melik-Akhmazarov, K. M. Tatevosian, K. A. Kostanian, Stek. i ker. 25 no. 1 27-29 Ja '68.
- Production and study of some properties of germanium dihalogenide single crystals. S. A. Dembovskii, F. N. Iosker, Izv. AN SSSR, Neorg. mat. 3 no. 11 2002-2004 N '67.
- Semiconductor properties of elementary boron. R. M. Babayev, M. L. Igiltayn, G. F. Chuprikov, Izv. AN SSSR, Neorg. mat. 3 no. 11 1903-1906 N '67.
- Some characteristics of the temperature behavior of the electric resistance of Mg alloys containing heavy nonmagnetic impurities. G. Kh. Panova, A. P. Zhornov, V. I. Kutaliev, Zhur. eksp. i teor. fiz. 53 no. 2 423-428 Ag '67.
- Structure of the ternary system titanium-vanadium-carbon. L. A. Tretyachenko, V. N. Chernenko, Izv. AN SSSR, Neorg. mat. 3 no. 11 2000-2015 N '67.
- Studying the fatigue process by determining the electric impedance. V. I. Shilapin, M. N. Vasserman, V. A. Glazkovskii, Zav. lab. 33 no. 9 1128-1131 '67.
- Temperature dependence of the resistance and crystallization processes in the binary system selenium-sulfur. I. A. Alekandrovich, Uch. zap. Ped. inst. Gerts. 303 221-228 '66.
- Theory of inelastic scattering of the charge carriers by optical phonons. A. H. Samoilovich, I. V. Ivovdovskiy, Uch. zap. zhur. 13 no. 10 1065-1073 O '67.
- Transistor voltage regulators with different combinations of polarity of input and output voltages. M. B. Leiman, R. K. Pakhtavani, Izv. vuz. ucheb. zav. i prib. 10 no. 2 3 7 '67.

Using high-temperature thermocouples in the production of quartz glass. V. G. Khazayev, G. A. Lundenburg, E. V. Kozlov, Stek. i ker. 25 no. 1 24-26 Ja '68.

Width of the forbidden band of PbSe at high temperatures. F. D. Divyatova, V. A. Sarkisyan, Fiz. tver. tela 9 no. 9 2750-2751 S '67.

537 5 ELECTRIC DISCHARGES, RADIATION, IONIZATION

- Analysis of an arc discharge plasma using the lithium emission spectrum. L. L. Grichukhin, E. S. Tumana, Teplofiz. vys. temp. 5 no. 5 764-768 S-O '67.
- Cherenkov radiation of Al³⁺ ions. V. P. Dezhnev, Zhur. eksp. i teor. fiz. 53 no. 2 723-731 Ag '67.
- Configuration stability with nearly degenerated electron state. A. A. Kiselev, Izv. AN SSSR Ser. fiz. 32 no. 1 11-15 Ja '68.
- Current along the surface of electron emitting metals. T. I. Iskhovskii, Zhur. eksp. i teor. fiz. 53 no. 2 705-711 Ag '67.
- Damage to protective glass in working with a powerful electrical capillary discharge. L. V. Popov, O. A. Segeev, Teplofiz. vys. temp. 5 no. 5 881-883 S-O '67.
- Detection of organic compounds by means of the positive corona discharge in hydrogen. V. Z. Lakshtanov, A. V. Markovich, S. L. Dobyshin, Zhur. prikl. khim. 10 no. 11 2192-2197 N '67.
- Determining the absolute concentration of atoms of small impurities in an arc discharge plasma. R. M. Laroslavskan, Izv. SO AN SSSR no. 2 Ser. tekhn. nauk no. 1 53-58 '66.
- Effect of diadynamic currents on the absorption of lipids and fatty acids in the intestines. V. R. Pritchev, Blank, S. H. Matvieleva, Fiziol. zhur. (Ukr.) 11 no. 1 88-93 Ja '68.
- Effect of the departure from thermal equilibrium on the spectral line intensity in an arc discharge plasma. V. M. Gol'dfarb, Uch. zap. Ped. inst. Gerts. 303 239-246 '66.
- Electric breakdown of binary dielectric mixtures. I. G. Neri-shchev, I. A. Bakuta, Dokl. AN SSSR 11 no. 11 987-990 N '67.
- Experimental and theoretical investigation of thermal conductivity and total radiation coefficient for a nitrogen plasma. E. I. Ashvinsky, Teplofiz. vys. temp. 5 no. 5 739-750 S-O '67.
- Formation of electrostatic charges in tanks by the action of a steam jet. S. T. Bondarenko, Izv. vuz. ucheb. zav. i prib. 8 no. 12 91-94 '65.
- Forum on electron microscopy. P. G. Sadovnikov, A. M. Silaeva, TSU, i gen. 1 no. 5 86-89 N-D '67.
- Heating of ions in a turbulent plasma. E. K. Zavoiskii, S. L. Nodusev, L. I. Rudakov, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 11 951-953 D '67.
- Induced radiation of light in a plasma beam discharge. I. U. V. Tkach and others, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 11 950-960 D '67.
- Ionization methods of detecting permanent gases with the use of tritium targets. V. A. Rotin, Izot. v SSSR no. 5 10-22 '66.
- Ionization of gas in the acceleration gap of a gas-filled neutron pipe. I. U. I. Sokolov, Prib. i tekhn. eksp. no. 2 199-201 Mr-Ap '67.
- Kinetic energy exchange in a dense weakly ionized argon plasma. V. A. Aleksandrov, D. B. Gusev, I. V. Podmushenskii, Teplofiz. vys. temp. 5 no. 5 751-755 S-O '67.
- Kinetic model for the formation of radiation centers in silicon. A. I. Makarevich, L. I. U. Rains, Dokl. AN SSSR 11 no. 12 1072-1075 D '67.
- Luminescence and excitation of sulfate phosphors following the exposure to ionizing radiation. A. R. Khaman, V. A. Iaskolko, Izv. AN SSSR Ser. fiz. 32 no. 1 41-46 Ja '68.
- Passage of ionizing radiations through inhomogeneities in the shielding. V. P. Mashkovich, Vop. dor. i zashch. ot izluch. no. 7 73-85 '67.
- Reaction of a contracting glow discharge on uniform rotation. I. U. I. Iorish, V. S. Dvorkin, Pis'ma v red. Zhur. eksp. i teor. fiz. 6 no. 11 938-942 D '67.
- Resolution of the 2d All-Union symposium on the application of electron microscopy to botanical research. TSU, i gen. 1 no. 6 90-91 N-D '67.
- Role of internal friction forces in corona discharge. E. V. Ratnikov, Dokl. AN SSSR 11 no. 12 1068-1071 D '67.
- Semiautomatic MIE-1 microscope for measuring the ionization parameters of particle tracks in nuclear photographic emulsions. P. G. Lopatin and others, Prib. i tekhn. eksp. no. 2 77-81 Mr-Ap '67.
- Solution of the energy equation on the basis of the electric heating of a gas. L. I. Sukov, PMTF no. 5: 79-83 S-O '67.
- Some physical properties of a plasma in helium with the addition of cesium vapors. L. N. Polushkin, Teplofiz. vys. temp. 5 no. 5 778-782 S-O '67.
- Studying the transfer processes of metal atoms and ions in a d.c. arc plasma. V. M. Gol'dfarb, D. I. Vainolm, E. V. Il'ina, Uch. zap. Ped. inst. Gerts. 303 247-255 '66.
- Use of beta radiation in ionization gas analyzers. F. E. Kligman, Zav. lab. 33 no. 9 1114 '67.
- Use of methods involving spectrum analysis of ionizing radiations in shielding physics. E. L. Stoliarova, Vop. dor. i zashch. ot izluch. no. 7 54-72 '67.
- X-ray anatomy in the U.S.S.R. during 50 years. A. V. Drazdova, Arkh. anat., gist. i embr. 53 no. 11 3-15 N '67.

X-ray diffraction and electron microscope study of the NH₄ClO₄ / PD-5 interface. A. P. Perel'man, D. A. Vlasov, V. D. Chernob, Zhur. prikl. khim. 40 no. 11 2506-2513 N '67.

537 53 DISCHARGE RAYS AND RADIATION PHENOMENA

- Absorption and electron emission of cesium films on indium. N. D. Konovalov, V. I. Mafutskii, Fiz. tver. tela 9 no. 9 2686-2692 S '67.
- Positron-laser energy spectrum of cesium rays as the solution to the general conservation equation. A. V. Korovin, Trudy inzh. nat. fiz. 23 no. 3 11-10 '67.

537 531 X RAYS GAMMA RAYS

- Crystal-less X-ray spectrum analysis of molybdenum using an isotopic source of γ radiation on the basis of Pb²¹⁴. V. I. Bozhennin, Zav. lab. 33 no. 9 1158-1159 '67.
- Evaluating the economic efficiency of radiochemical processes in heterogeneous radiochemical apparatus with a powerful gamma source. A. Kh. Bieger and others, Izot. v SSSR no. 5 5-11 '66.
- Evaluation of the properties of some scintillators as converters of gamma images into visible ones. G. I. Zaidman, D. I. Shtukin, A. P. Shapagin, Prib. i tekhn. eksp. 11 no. 6 90-93 N-D '66.
- Information advertisement. A. N. Malozemov and others, Izot. v SSSR no. 5 36-39 '66.
- Luminescence of scintillators excited by pulse γ -radiation. S. V. Pestov, S. V. I. Shchedov, Prib. i tekhn. eksp. 11 no. 5 88-89 N-D '66.
- A resonance counter of gamma quanta from Co⁵⁷. F. P. Mitofanov, N. I. Rukhlov, Prib. i tekhn. eksp. 11 no. 5 223-225 S-O '66.
- Use of γ -quanta emitted in radiative capture of neutrons in determining the cadmium and boron contents in enriched products. I. N. Plakun and others, Zav. lab. 33 no. 9 1100-1102 '67.
- X-ray diffraction analysis of ZnF₂ at a pressure up to 130 kbars at 25° and 300°. S. J. Kabalkina, L. F. Vereshchagin, L. M. Litaguna, Dokl. AN SSSR 176 no. 5 1044-1047 O '67.

537 533 NEGATIVE RAYS CATHODE RAYS ELECTRON OPTICS

- Beta spectrograph for the irradiation of semiconductors within the range of 0.1-1 MeV. V. V. Kravtsov, V. F. Synov, Prib. i tekhn. eksp. 11 no. 5 61-63 N-D '66.
- Electron-microscopic examination of the space distribution of nuclei of the separation phase in the aging of Cu-Be and Ni-Be alloys. A. V. Gavrilova, I. U. D. Tiapkin, M. P. Usikov, Dokl. AN SSSR 176 no. 5 1052-1055 O '67.
- Electron projector for studying adsorption and electron emission by and from film-type emitters based on alkali metals. V. I. Makukina, Prib. i tekhn. eksp. 11 no. 5 196-197 S-O '66.
- Mechanism underlying the formation of hydrocarbon impurities on surfaces irradiated by a narrow electron beam. G. I. S. Zhdanov, V. N. Veitner, Dokl. AN SSSR 176 no. 5 1040-1043 O '67.
- Studying the secondary electron emission of solids at large angles of incidence of the primary beam. I. M. Bronshteyn, V. A. Dolinn, Fiz. tver. tela 9 no. 9 2718-2727 S '67.
- Use of simulation methods in studying electric fields in systems including autoelectric emitters. G. F. Poljakov, A. A. Novikov, E. G. Shirokov, Izv. SO AN SSSR no. 2 Ser. tekhn. nauk no. 1 154-158 '66.

537 534 POSITIVE RAYS ANODE RAYS CANAL RAYS

- Universal injector of negative ions of hydrogen isotopes for a charge-exchange generator. I. U. M. Khirny, L. N. Kochemassova, Prib. i tekhn. eksp. 11 no. 6 32-36 N-D '66.

537 7 ELECTRICAL MEASUREMENTS

- Fast recording of electron paramagnetic resonance spectra by means of a loop oscillograph. V. L. Glagolev, Prib. i tekhn. eksp. 11 no. 5 171-172 S-O '66.
- Method for using an oscillograph in studying amplifiers. N. N. Kozhevnikov, Uch. zap. Mord. gos. un. no. 53 51-60 '66.
- Transient processes in a network with composite feed for measuring the switching time of regulated rectifiers. N. R. Nekrasova, Uch. zap. Mord. gos. un. no. 53 61-74 '66.

538 MAGNETISM. ELECTROMAGNETISM

- A d.c. stabilization system with a p-n transistor. I. U. N. Denisov, S. A. Ivashkevich, V. V. Kalinchenko, Prib. i tekhn. eksp. 11 no. 5 177-180 S-O '66.
- Acoustic magnetic resonance of Cr³⁺ in LiNbO₃. B. P. Smolakov and others, Pis'ma v red. Zhur. eksp. i teor. fiz. 7 no. 1 26-29 Ja '68.
- Acoustic nuclear magnetic resonance in plastically deformed NaCl. S. B. Grigor'ev, L. G. Merkulov, A. M. Sazonov, Fiz. tver. tela 9 no. 9 2870-2877 S '67.
- Anomalous properties of conduction electrons near the Curie point. E. L. Nagiev, Fiz. tver. tela 9 no. 9 2469-2477 S '67.
- Aperiodic winding of magnetic biasing of high power frequency-modulated self-oscillators for the feeding of accelerating synchrotron resonators. O. A. Nezhnevskaya and others, Prib. i tekhn. eksp. no. 2 17-20 Mr-Ap '67.

- Magnon transfered to "superlattice" permalloy films
M. N. Vekhovskiy, I. N. Vekhovskiy, P. D.
Izv. vuzov, no. 9 2728-2729 S '67
- Magnetron radiation (synchrotron) radiation and its
application V. I. Ginzburg, V. N. Savosolov, S. I.
Sidorov, Izv. vuzov, no. 9 163-90 Ia '68
- Magnon-magnon interaction at low temperatures with the
use of a superconductive solenoid, V. I. Solodov, Prikl.
tehn. eksp., no. 2 173-175 M-Ap '67
- Mechanism underlying the antiferro-ferrimagnetic transi-
tion in the system of ordered silico Fe(Pd, Pt)₂V₂
V. V. Khushin and others Dokl. AN SSSR 176 no. 5
1056-1058 O '67
- Nuclei in a turbulent plasma D. N. Lin, A. A. Skokorin,
Zhur. eksp. i teor. fiz. 53 no. 2 161-172 Ag '67
- Nuclear magnetic resonance and delocalization of un-
paired electron in aliphatic nitric acid radicals N. A.
Savitskiy and others Zhur. strukt. khim. 8 no. 6 1091-
1097 N-D '67
- Nuclear magnetic resonance in highly viscous liquids
L. A. Chaban, Zhur. eksp. i teor. fiz. 53 no. 2 536-561
Ag '67
- Nuclear magnetic resonance method of studying the
kinetics of hydrogen exchange between tert-butyl hydroxide
and water A. I. Bratskiy, I. F. Franchuk, V. I.
Oshadakov Dokl. AN SSSR 177 no. 4 871-875 D '67.
- Optical excitation of the magnetic resonance in a rotating
coordinate system L. N. Novikov, V. G. Pokanov,
Zhur. eksp. i teor. fiz. 53 no. 2 699-701 Ag '67.
- Optimum magneto-dynamic generator with constant
cross-section area of the channel A. B. Pichanov,
P. P. Ivashchenko, Teflofiz. vys. temp. 5 no. 5 907-912
S-O '67
- Paramagnetic center in calcite, M. I. Samoilovich, N. I.
Andriashenko Zhur. strukt. khim. 8 no. 6 1093-1091 N-D
'67
- Physical properties of bismuth I. A. Fal'kovskii, Usp.
fiz. nauk 91 no. 1 3-41 Ia '68
- Possibility of the application of EPR spectra for solving
the problems of conjugation of aromatic systems, I. I.
Gratberg, V. B. Golubev, O. R. Kurolova Zhur. strukt.
khim. 8 no. 6 1021-1026 N-D '67
- Quantum oscillations of kinetic coefficients of mercury
solids, M. S. Berezin, S. A. Akhiezer, S. S. Shalyt, Fiz.
tvr. tela 9 no. 9 2746-2718 S '67
- Quantum oscillations of thermomagnetic coefficients in
strong magnetic fields, IU. M. Gal'perin, Fiz. tvr.
tela 9 no. 4 2579-2585 S '67
- Quasiloal vibrations in a solid containing chemically
active particles and their influence on direct processes of
spin lattice relaxation, I. V. Aleksandrov, V. P. Sakun,
Teoriya i eksperiment 3 no. 6 811-823 N-D '67.
- Radiospectroscopy in chemistry, A. I. Buchachenko,
Zhur. fiz. khim. 41 no. 10 2586-2600 O '67
- Regularity in the variation of H₁₀ nuclear magnetic
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A. A. Nemysheva, I. L. Krumants, Dokl. AN SSSR 177
no. 4 856-868 D '67.
- Relationship between the dynamic polarization of nuclei
and the temperature of an electron spin-spin reservoir
V. A. Abrikosov, A. F. Meifrid, M. I. Rodak, Pis'ma v zhur.
zhur. eksp. i teor. fiz. 6 no. 11 942-943 D '67
- Resonance frequencies in two-sublattice universal ferrite
in noncollinear phase B. I. Kuibev, G. M. Nedlin, Fiz.
tvr. tela 9 no. 8 2678-2685 S '67
- Rotation diagrams of the magnetoresistance in bismuth-
tin alloys, V. I. Veraksa, G. D. Koposov, Ucheb. zap. Ped.
inst. Geits. 301 213-220 '66.
- Solar plasma energy flux in the sectorial structure of the
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Geomag. aer. 7 no. 6 978-981 Ag '67
- Spin waves, O. I. Akhiezer, Ufr. izv. zhur. 12 no. 10
1589-1601 O '67.
- State of polarization of BaTiO₃ crystals and the electron
paramagnetic resonance spectrum of the paramagnetic
impurity E. V. Bur'shan, V. V. Shapiro, Ucheb. zap. Ped.
inst. Geits. 303 147-150 '66.
- Structure of aminoalkyl (azyl) trifluorophosphoranes,
M. A. Landau and others Zhur. strukt. khim. 8 no. 6
1097-1100 N-D '67.
- Studying the laminar positive column of the gas discharge
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Prudkovskaya Trudy Un. dnuh nar. Kaz. 23 no. 3
60-74 '67
- Surface effect in ferromagnetic shells allowing for
variable magnetic permeability, IU. A. Gorbenko, Izv.
SO AN SSSR no. 2, Ser. tekhn. nauk no. 129-37 '66.
- System of observing double nuclear magnetic resonance
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V. B. Ichedev, B. I. Ionin, Izv. vuz. ucheb. zav. i prib.
10 no. 2-29-33 '67.
- Temperature dependence of rotational hysteresis in thin
magnetic films, N. I. Viturin, A. M. Zabakin, Izv. vuz.
ucheb. zav., fiz. 10 no. 11 148-150 '67.
- Temperature dependence of the Young modulus of lithium
ferrites, E. N. Novikov, M. A. Stelmachenko, A. A.
Botaki, Izv. vuz. ucheb. zav., fiz. 10 no. 11 127-129
'67.
- Tensor of nonlinear polarization capacity of ferro-mag-
netic metal V. M. Genkin, G. M. Genkin, Fiz. tvr.
tela 9 no. 9 2517-2523 S '67.
- Third All-Union Scientific and Technological Conference
on Electromagnetic Flow Meters, G. V. Kiselev,
Atom. energ. 24 no. 1 100-101 Ia '68.
- Trivalent rare earths in cerium dioxide single crystal
Spin-lattice relaxation of cubic and trigonal Ce³⁺
ions A. A. Antipin and others, Fiz. tverd. tela 9 no.
2616-2651 S '67.
- 2, 2, 6, 6-Tetramethyl-1-oxy-1-piperidyl radical
by means of electron paramagnetic resonance
Sholle and others, Izv. AN SSSR Ser. khim. 1968
2631 D '67.
- Use of the electron paramagnetic resonance method in
studying aluminum electrode surface, Z. Z. Davydov,
Strakhov, Fiz. tverd. tela 9 no. 9 2549-2551 S '67
- Use of the working magnetic field of a cyclotron for
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zap. Ped. inst. Geits. 301 205-211 '66.
- Wave propagation in an anisotropic active layer, A. A.
Goncharenko, V. A. Karpenko, Dokl. AN SSSR 177
no. 10 880-882 O '67.
- 536(571 50)—Yakut A. S. S.R.
- Magnetism of "goethite" D. I. Savrasov, Izv. vuz.
NHGA Reg. no. 10 194-201 '67
- 538 II GENERAL LAWS OF MAGNETIC ACTION
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- 539 II MAGNETIC FIELDS
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Prikl. tekh. eksp. no. 2 129-133 M-Ap '67.
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no. 2 117-124 Ap '67.
- Spectrum of oxygen in a strong magnetic field, A. A.
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53 no. 2 519-511 Ap '67.
- 539.7 TERRESTRIAL MAGNETISM
- Relation between the actual processes and the
magnetic field G. N. Petrova Zem. i vodn. resursy
16 '67
- Sources of geomagnetic storms with gradual develop-
ment, A. T. Neimanovich, Anton vest. 1968 no. 13
54 Ia-Mi '68
- 539 PHYSICAL NATURE OF MATTER
- On the Moss exciton theory in a strong magnetic field
Gor'kov, I. I. Dzhaloshvili Zhur. eksp. i teor. fiz.
no. 2 117-124 Ap '67
- Optical properties of an exciton condensate in semicon-
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Zhur. eksp. i teor. fiz. 53 no. 2 511-505 Ap '67
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- 539 I NUCLEAR, ATOMIC AND MOLECULAR
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nykh, K. M. Kulkin, Izv. vuz. ucheb. zav.; fiz. 10
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Prikl. tekh. eksp. II no. 6-28-31 N-B '66.
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Zhur. eksp. i teor. fiz. 53 no. 2

- Electron forms measuring the shift of bunched charged particles. L. L. Goldin, A. A. Kuz'min. *Prib. i tekhn. eksp.* no. 2 37-38 Mz-Ap '67
- Energy buildup factor in the barrier geometry. V. V. Golub, A. M. Panchenko. *Atom. energ.* 24 no. 1 71-73 Ja '68
- Evaluation of the activation energy of self-diffusion of water molecules in cavities. I. I. Meronov. *Zhur. strukt. khim.* 8 no. 6 990-1001 N-D '67
- Photoelectron emission during the local deformation of metal surfaces. B. I. Mintz, V. S. Kozlov. *Izv. vyz. uch. b. zav. Chern. met.* 10 no. 12 90-95 '67
- Experimental method in determining thermal vibrations of coherently scattering crystals. B. A. Kotov, N. M. Okuneva, A. I. Shakh-Budagov. *Fiz. tver. tela* 9 no. 9 2551-2558 '67
- Heuristic hypothesis on the connection between cosmology and elementary particles. D. D. Ivanenko. *Izv. vyz. uch. b. zav. fiz.* 10 no. 11 124-125 '67
- High frequency correction in circuits of non-linear amplifiers on bulbs with secondary electron emission. O. S. Kholotov. *Prib. i tekhn. eksp.* no. 2 213-216 Mz-Ap '67
- Hysteresis of cyclotron absorption by carriers in the nonparabolic region. I. B. Levinson, M. L. Shvarts. *Pis'ma v Zhur. eksp. i teor. fiz.* 6 no. 11 981-983 '67
- Interaction of high-energy cosmic muons. I. I. Rozental'. *Usp. fiz. nauk* 94 no. 1 91-125 Ja '68
- Ion source for an MI-1305 mass spectrometer for high-temperature thermodynamic studies. V. I. Belousov and others. *Prib. i tekhn. eksp.* no. 5 231-232 S-O '66
- Limiting currents and electron-ion oscillations in quasi-neutral electron beams. M. V. Meylin, A. M. Solntsev. *Zhur. eksp. i teor. fiz.* 51 no. 2 437-450 Ag '67
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- Mixing of two light frequencies caused by free current carriers in semiconductor with nonparabolic and non-spherical energy surfaces. A. A. Gumberg. *Fiz. tver. tela* 9 no. 9 2544-2548 S '67
- More about the quark state of matter. G. V. Shishin. *Dokl. AN SSSR* 11 no. 11 995-996 N '67
- Multigroup system of integral equations for the description of neutron transport. B. R. Beigel'son, I. A. Rumyantsev, B. Z. Torlin. *Atom. energ.* 24 no. 1 28-32 Ja '68
- Neutral currents in the theory of weak interactions. B. I. Lofe, E. P. Shobalin. *Pis'ma v Zhur. eksp. i teor. fiz.* 6 no. 11 978-981 D '67
- A neutron spectrometer for identifying nuclear levels by the orbital moment of incident neutrons. G. V. Muradian, I. U. Adamchuk, S. S. Moskalov. *Prib. i tekhn. eksp.* no. 6 13-50 N-D '66
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- Nonresonant pulse source of ions. P. E. Voronnikov and others. *Prib. i tekhn. eksp.* no. 5 37-39 S-O '66
- One possible mechanism of negative conductivity of thin films in a transverse quantized magnetic field. V. I. Ryzhik. *Pis'ma v Zhur. eksp. i teor. fiz.* 7 no. 1 38-41 Ja '68
- Partial widths of the γ -transitions occurring after the capture of thermal neutrons. A. M. Dmitov, N. Shadiev. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 111-118 Ja '68
- Passage of fast neutrons through a channel partially penetrating the shield. G. M. Bozlin and others. *Atom. energ.* 24 no. 1 76-68 Ja '68
- Phonon scattering by lattice distortions of ionic crystals with nonstoichiometric vacancies. I. I. Vishnovskii, V. N. Skripak. *Fiz. tver. tela* 9 no. 9 2713-2717 S '67
- Phosphor for the registration of slow neutrons on the basis of ZnS(Ag) and Li₂BF₄. A. F. Vedeshin. *Prib. i tekhn. eksp.* no. 2 203-204 Mz-Ap '67
- Physics of elementary particles: some results of and trends in its development. V. S. Barashnikov, M. G. Meshcheriakov. *Vop. fizos.* 22 no. 2 38-15 '68
- Polarization of retarding gamma-quanta in inelastic π^0 decay scattering. A. I. Mukhinov, R. Kh. Muradov. *Dokl. AN Azerb. SSR* 23 no. 1 3-6 '67
- Potentialities of neutrino astrophysics. G. A. Zisman, Uch. zap. Ped. inst. Gerts., 103 51-55 '68
- Pion scattering on tungsten single crystals. V. S. Kul'hauskas, M. M. Malov, A. F. Tulinov. *Zhur. eksp. i teor. fiz.* 53 no. 2 487-489 Ag '67
- Quasiloal vibrations in a solid containing chemically active particles and their influence on direct processes of spin lattice relaxation. I. V. Aleksandrov, V. P. Sakun. *Teor. i eksp. khim.* 3 no. 6 811-823 N-D '67
- Resonance method of determining the constant of spin-electron-phonon coupling in semiconductors. L. I. Korovin, S. T. Pavlov. *Pis'ma v Zhur. eksp. i teor. fiz.* 6 no. 11 970-972 D '67
- Search for atomic muonium in chemically inert substances. G. G. Maslacheva and others. *Zhur. eksp. i teor. fiz.* 53 no. 2 451-458 Ag '67
- Self-diffusion of methanol molecules in metal iodide solutions. M. I. Emolinov, N. K. Gaisin. *Zhur. strukt. khim.* 8 no. 6 1010-1014 N-D '67
- Semielastic theory of π -meson scattering on nucleons in the case of strong coupling. Part 1. S. V. Izmailov, A. I. Smirnov. *Izv. vyz. uch. b. zav. fiz.* 10 no. 11 107-111 '67
- Slow lead of protons from the proton-synchrotron on a 70 giga-electron-volt. I. U. G. Golenko, D. G. Koshkarev. *Prib. i tekhn. eksp.* no. 2 14-17 Mz-Ap '67
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- Structure of microparticles. G. A. Zisman. *Uch. zap. Ped. inst. Gerts.* 103 5-30 '68
- Study on the spectral and angular distribution of the stream of intermediate neutrons scattered by protective screen. E. A. Kramar-Ageev, V. S. Troshin. *Vop. doz. i zashch. ot izluch.* no. 7 99-106 '67
- Studying the angular dependence of the cross section of the photoionization of charged pions on nucleons. M. I. Adamovich and others. *Zhur. eksp. i teor. fiz.* 53 no. 2 528-538 Ag '67
- Studying the collective interaction between ion beams and a plasma. M. D. Babochkin and others. *Uch. zap. Ped. inst. Gerts.* 103 10-16 '67
- Temperature measurement by γ -ray radiation in a Tokamak TM-3 unit. D. A. Shcheglov. *Pis'ma v Zhur. eksp. i teor. fiz.* 6 no. 11 949-951 D '67
- Theory of Compton scattering of polarized photons by a particle with a 1/2 spin. A. B. Kukanov, A. A. Amer. *Izv. vyz. uch. b. zav. fiz.* 10 no. 11 103-106 '67
- Theory of meson photoproduction on nucleons. S. V. Izmailov, A. I. Smirnov. *Izv. vyz. uch. b. zav. fiz.* 10 no. 11 135 '67
- Universal injector of negative ions of hydrogen isotopes for a charge-exchange generator. I. U. G. Golenko, L. N. Kochemirova. *Prib. i tekhn. eksp.* no. 6 32-36 N-D '66
- Use of an ion beam in the microtreatment of thin metallic coatings on dielectrics. A. G. Kovai', P. A. Braude, B. V. Gutman. *Prib. i tekhn. eksp.* no. 5 211-214 S-O '66
- Use of beta radiation in ionization gas analyzers. P. E. Krugman. *Zav. lab.* 33 no. 9 111 '67
- Use of 14 MeV neutrons in the activation analysis for nitrogen determination in pure niobium. I. A. Barit and others. *Zav. lab.* 33 no. 9 1108-1109 '67
- Use of the pulse method in checking on the neutron diffusion theory in a medium with channels in a close-packed lattice of small diameter channels. L. P. Zhelezov. *Atom. energ.* 24 no. 1 33-38 Ja '68
- Velocity spectrum of neutrons in a medium containing heavy nuclei. A. A. Kostitsa, E. I. Neimatin. *Atom. energ.* 24 no. 1 61 Ja '68
- Weakly interacting particles in an anisotropic cosmological model. A. G. Doroshkevich, I. A. B. Zel'dovich, I. D. Novikov. *Zhur. eksp. i teor. fiz.* 53 no. 2 644-653 Ag '67
- 539 14 NUCLEI FORCES, MODELS, ETC**
- Constants characteristic for the nuclei of W163. B. S. Dzhelepov, G. I. Dymitsyn. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 66 73 Ja '68
- Energy differences of rotational isomers in X-substituted propanes. I. U. G. Papulov, I. U. Glazkovskii, I. I. Diakonova. *Zhur. strukt. khim.* 8 no. 6 1073-1087 N-D '67
- Evaluation of the impurity corresponding to the motion of the mass center in solutions to the Hartree-Fock problem. B. Giraud, D. A. Zaikin, P. Federman. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 86-88 Ja '68
- Excited level O^+ of the He4 nucleus. Part 1. I. Sh. Vashakidze, V. I. Mamashkillov. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 150-156 Ja '68
- Partial spectrometers for identifying nuclear levels by the orbital moment of incident neutrons. G. V. Muradian, I. U. Adamchuk, S. S. Moskalov. *Prib. i tekhn. eksp.* no. 6 43-50 N-D '66
- New isotopes Os179 and Os178. Identification and γ -spectra of isotopes Re179, Re178, Re177, W177, Os180, and Os181. B. N. Beliaev and others. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 59-65 Ja '68
- Phase transformation of spherical nuclei into nonspherical nuclei. V. G. Novov. *Zhur. eksp. i teor. fiz.* 53 no. 2 579-591 Ag '67
- Properties of the excited states of Er165. T. Kucarova, V. Zolotarev, M. Veis. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 126-134 Ja '68
- Realistic nonsingular potential and the level spectrum of nuclei with A = 6. G. Sh. Gogadze, T. I. Kopaleishvili. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 172-174 Ja '68
- Transitions E2 + E0 in "spherical" nuclei of the g2Sm89 type. C. I. Lure, L. K. Peki, P. T. Prokofiev. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 74-80 Ja '68
- Use of the differential method in measuring the angular correlation of the 133 \rightarrow 482 Kev cascade in Ta181. V. P. Bozhko, V. A. Klucharev, I. U. Golovchenko. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 164-171 Ja '68
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- Decay scheme of Br74. B. N. Beliaev, V. I. Gudov, L. M. Kilzhanskiy. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 137-138 Ja '68
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- Homometric build-up factors for γ -radiation under 250 Kev. in water. D. P. Osanov, V. P. Panova, G. B. Radzievskiy. *Vop. doz. i zashch. ot izluch.* no. 7 125-137 '67
- Dosimetry of beta radiation. V. I. Barabanov and others. *Vop. doz. i zashch. ot izluch.* no. 7 41-53 '67
- Dosimetry of ionizing radiation by the nuclear emulsion method on board the satellite "Kosmos-110". I. A. V. Vopok and others. *Vop. doz. i zashch. ot izluch.* no. 7 153-156 '67
- Effect of the gamma radiation of pea seeds on the fecundational and amino acid composition of protein sprouts. S. P. Tselishchev and others. *Izv. TSKhN* no. 3 11 '66
- Effect Z_{eff} of rocks on the scaling factor for the determination of potassium content by the gamma ray logging method. A. K. Sen'ko, G. T. Nishan, A. M. energ. 21 no. 1 98-98 Ja '68
- Passage of γ -radiation through a straight filled channel in the shielding. V. A. Klimanov, V. P. Mostovskiy, I. U. Podsevalov. *Vop. doz. i zashch. ot izluch.* no. 7 149-152 '67
- Short-lived states Ag108, Cd134, and Th160 excited in the reaction (n γ). I. N. Rozantsev, I. V. Fedulin. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 81-85 Ja '68
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- Studying the spatial distribution of energy losses of beta-radiation from a narrow unidirectional beam. I. E. Konstantinov, B. A. Narkovich. *Vop. doz. i zashch. ot izluch.* no. 7 157-162 '67
- Studying the spectra of α - γ coincidences in Th168 and Cd147 decays. Z. N. Minnoshvili, A. A. Sokolov. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 139-145 Ja '68
- Transitions $\pi^2 + E0$ in "spherical" nuclei of the g2Sm89 type. C. I. Lure, L. K. Peki, P. T. Prokofiev. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 74-80 Ja '68
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- Excitation functions of the Sn117 (pn)Sn117 and Sn118 (p, 2n)Sn117 reactions. I. N. Rukhovich, E. A. Sokolov. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 157-158 Ja '68
- Flux and dose of secondary nucleons at the bombardment of a titanium plane shield by 660 MeV protons. V. A. Kon'shin, D. S. Matushevich, V. I. Regushevskiy. *Atom. energ.* 24 no. 1 73-75 Ja '68
- Measuring the relative intensity of the fission reaction. V. V. Bondarenko and others. *Atom. energ.* 24 no. 1 82-81 Ja '68
- Measuring the spontaneous fission periods of C246 and C248 isotopes. N. K. Spobolev, B. A. Gvozdev, V. A. Druin. *Atom. energ.* 21 no. 1 65-66 Ja '68
- Retention of Li + He2, Li + He, and Li + He as cyclotron sources of fast neutrons. V. K. Narayana and others. *Atom. energ.* 24 no. 1 66-68 Ja '68
- Relationship between the dynamic polarization of nuclei and the temperature of an electron spin-spin interaction. V. A. Al'sarkin, A. E. Medved, M. I. Rodak. *Pis'ma v Zhur. eksp. i teor. fiz.* 6 no. 11 943-945 D '67
- Spontaneous fission isomers. S. M. Polikanov. *Usp. fiz. nauk* 94 no. 1 43-62 Ja '68
- Stripping reaction (dp) on enriched targets Gd153 and Gd155. I. U. Nemilov and others. *Izv. AN SSSR, Ser. fiz.* 32 no. 1 159-163 Ja '68
- 539 18 PHYSICS OF SINGLE ATOMS**
- Calculated ratios of the multistage compression method for multicomponent systems. D. A. Khlazov, A. N. Bantysh. *Zhur. fiz. khim.* 41 no. 9 2168-2169 S '67
- Radiation from an atom (molecule) in an absorbing medium. E. L. Feinberg. *Pis'ma v Zhur. eksp. i teor. fiz.* 7 no. 1 30-32 Ja '68
- 539 10 PHYSICS OF SINGLE MOLECULES**
- Correlation between properties of molecules and electronic interaction parameters of functional groups. A. E. Lutskiy. *Teor. i eksp. khim.* 3 no. 6 751-764 N-D '67
- Definite variational principles for various physical values. Part 1. Extremum properties of functional, bilinear in relation to Hamiltonian. Definite variational for polarizability and related values. P. A. Braun, T. K. Rebane. *Teor. i eksp. khim.* 3 no. 6 788-792 N-D '67
- Development of the theory of molecular electron shell structure in the Soviet Union. N. D. Sokolov. *Teor. i eksp. khim.* 3 no. 6 715-733 N-D '67
- Distribution of electronic density in some chlorides. S. P. Ionov, G. V. Ionova. *Zhur. neorg. khim.* 13 no. 1 301-302 Ja '68
- Distribution of the charge and principal features of the valence zone structure in the compounds AlI₃ and IV with wurtzite lattice. A. A. Levin and others. *Zhur. strukt. khim.* 8 no. 6 1064-1074 N-D '67
- Electronic structure of conjugated systems with large effective charges. Part 1. Indole and azaindole. D. S. Bocharov, A. A. Bagatur'yants. *Teor. i eksp. khim.* 3 no. 6 793-798 N-D '67
- Electronic structure of molecules from X-ray spectral data. V. I. Nefedov. *Zhur. strukt. khim.* 8 no. 6 1017-1042 N-D '67
- Inversion oscillations in molecular systems. I. U. N. Ochevnikov, S. P. Ionov. *Zhur. eksp. i teor. fiz.* 53 no. 2 598-604 Ag '67
- Ionization potential and distribution of electron density in MX₂BF₃ systems. S. P. Ionov, G. V. Ionova. *Zhur. neorg. khim.* 12 no. 11 2004-2007 N '67

isotope effects in oxidation of iron and copper electrodes in acid solutions. I. U. G. Basov, I. A. Tikhomirov, Zhur. fiz. khim., 11 no. 9, 2266-2268, S-O '67.

Mass spectrometric study of the products of cesium carbonate vaporization. A. V. Gusakov, and others. Izv. fiz. khim., 5 no. 5, 783-788, S-O '67.

Amplitude of oscillations of the autocorrelation function of particle velocity in a liquid. I. S. Raut, I. Z. Tishin, Uki. fiz. zhur., 12 no. 10, 1692-1697, O '67.

Analysis and structure of Δ^2 -carane adducts with dihaloethanes. A. N. Vereshchagin, S. G. Volfson, B. A. Arshav, Dokl. AN SSSR, 177 no. 5, 1081-1083, D '67.

Theory of elementary bimolecular processes. I. I. Abelin. Teor. i ekspl. khim., 3 no. 6, 731-742, N-D '67.

539 22 PROPERTIES AND STRUCTURE OF MOLECULAR AND MACROMOLECULAR SYSTEMS

Amorphous and crack formation in CuSnAs_2 . A. S. Burdakov, A. A. Vasilov, N. M. Korshak, Izv. AN SSSR, Neorg. mat., 3 no. 11, 2107-2108, N '67.

Apparatus for detecting thin dielectric films on metal surfaces. N. A. Tatarinova, P. N. Chishakov, Prikl. tekhn. eksp., 11 no. 6, 147-149, N-D '66.

Crystalline electrochromic studies in the 300 - 4.2°K range. S. I. Gulyaev, V. I. Godovannyi, Prikl. tekhn. eksp., 11 no. 2, 235, M-Ap '67.

A crystal for studying the effect of light on the electron paramagnetic resonance spectra of various substances at helium temperature. O. G. Loshelev, Prikl. tekhn. eksp., 11 no. 6, 216-218, N-D '66.

The DRON-1 X-ray diffractometer. Prikl. tekhn. eksp., 11 no. 5, 249-250, S-O '66.

Determining the duration of oil displacement by water during waterflood and flood of polymers in case of unidirectional flow. L. B. Butlov, Izv. vuzov, ucheb. zav., 10 no. 9, 47-51, '67.

Development of accumulative recrystallization and polymerization of ferro-silicon in high-temperature fatigue tests. M. G. Izrael, A. N. Romanov, Dokl. AN SSSR, 177 no. 5, 1065-1068, D '67.

Dispersion analysis of some intercalations. N. N. Tsvetkov, N. D. Kogan, Lakokras. materialy, 10 no. 6, 58-61, '67.

Effect of porosity on the magnetic permeability tensor of polycrystalline ferrite materials (approximation of "independent grains"). A. S. Klyustov, A. N. Chislov, Izv. vuzov, ucheb. zav., 10 no. 11, 119-121, '67.

Effect of sulfur-containing compounds on the process of stereoregular polymerization of butadiene. G. N. Pankov, V. A. Isakov, R. N. Kargin, Khim. i tekhn., 26 no. 10, 11-15, '67.

Effect of the desorption of gas condensate systems on the permeability of rocks in the presence of residual water saturation. Sh. S. Ashurov and others, Izv. vuzov, ucheb. zav., 10 no. 9, 54-55, '67.

Electrochromic potential of gelatin-adsorbed colloidal lead and cadmium sulfides and its effect on amount of desorption of physisorption from hydroxide on liquid-gas interface. G. S. Krasnova, S. G. Mokrushin, Izv. vuzov, ucheb. zav., 10 no. 10, 111-113, '67.

Electron diffraction study of the structure of amorphous Fe_2O_3 . I. U. A. Mal'tsev, L. I. Nekrasov, Zhur. strukt. khim., 8 no. 6, 1010-1057, N-D '67.

Experimental formation of ferrites in chemical transport reactions. I. A. Zatonchikovskii, V. V. Lukashin, I. U. G. Sakonov, Izv. AN SSSR, Neorg. mat., 3 no. 11, 2048-2051, N '67.

Example of an increased reliability of transistor diode stages of the television equipment. M. I. Serebrennikov, Tekhn. i teletv., no. 9, 57-59, S '66.

Identification of molybdenum and tungsten carbonyls by X-ray diffractionometry. M. A. Neofitin, Zhur. neorg. khim., 12 no. 11, 2016-2049, N '67.

Individual counting of microscopic objects with release of printed information. A. L. Solobov, Prikl. tekhn. eksp., 11 no. 5, 166-170, S-O '66.

Internal pressure in pulverized loose materials. S. F. Solov'ykh, Izv. vuzov, ucheb. zav., strukt. i tekhn., 10 no. 9, 32-34, '67.

Method of measuring electric thin film parameters. A. M. Shteyn, Prikl. tekhn. eksp., no. 2, 232-233, M-Ap '67.

Methods and devices for X-ray diffraction examination. S. I. Zubov, V. N. Tulin, V. A. Tsukerman, Prikl. tekhn. eksp., 11 no. 6, 172-176, N-D '66.

Methods of revealing microporosity in metals. V. N. Bykov, V. A. Rudenko, M. I. Zakharova, Zav. lab., 33 no. 6, 736-740, '67.

Molecular structure of liquid n-paraffins and n-alcohols. A. Z. Golik, A. F. Shklychevskii, I. I. Adamenko, Zhur. strukt. khim., 8 no. 6, 1015-1020, N-D '67.

Some statistical problems of deciphering in gas electron diffraction study. L. V. Vilkov, N. I. Sadova, Zhur. strukt. khim., 8 no. 6, 1088-1092, N-D '67.

Temperature dependence of the electric conductivity of glowing coal. M. P. Tonkonogov, V. A. Vokelov, Izv. vuzov, ucheb. zav., 10 no. 11, 143-145, '67.

Use of electrophotography in measuring the width of the sensitive area of germanium p-n-n detectors. A. S. Antonov, I. G. Ilyukhin, Prikl. tekhn. eksp., 11 no. 6, 185-187, N-D '66.

Use of the diode as edge circuit. A. A. Morozov, Tekhn. i teletv., no. 9, 56-52, S '66.

X-ray diffraction analysis of ZnF_2 at a pressure up to 130 kbars at 25° and 300°. S. S. Kabanikina, L. I. Vereshchagin, L. M. Litvinina, Dokl. AN SSSR, 176 no. 5, 1011-1017, O '67.

X-ray diffraction examination of AB_2O_3 compounds. Here A represents Zn or Hf, B represents Mo or W. A. K. Tumor, I. M. Kovba, Zhur. neorg. khim., 12 no. 11, 2128-2129, N '67.

X-ray diffraction examination of the vitreous and crystalline state of the binary system selenium-sulfur at various component concentrations. I. A. Aleksandrovskh, Uch. zap. Ped. inst. Gerts., 101, 231-238, '66.

X-ray diffraction study of the system tungsten - manganese - carbon. V. S. Telehov, Vysnyy L'viv un. Ser. khim. no. 9, 39-33, '67.

X-ray study of chemical bond in copper halides. V. I. Dvornik, G. S. Ilychev, Zhur. strukt. khim., 8 no. 6, 1058-1063, N-D '67.

539 23 DEPOSITION OF THIN FILMS

Absorption and electron emission of cesium films on sodium. N. D. Kononov, V. I. Makukha, Fiz. tverd. tela, 9 no. 9, 2686-2692, S '67.

Coercive properties of very thin BaTiO_3 single crystals. I. V. Bursian, N. P. Smirnova, Uch. zap. Ped. inst. Gerts., 101, 151-153, '66.

Effect of a demagnetizing field on the ferromagnetic resonance conditions in polydomain magnetic films. A. L. Pankin, Izv. vuzov, ucheb. zav., 10 no. 11, 116-147, '67.

Electric conductivity of Bi thin films in strong electric fields. V. I. Vatsmanuk, V. I. Kulupin, O. G. Saibor, Prikl. tekhn. eksp., 11 no. 1, 23-25, Ja '66.

Magnetic reversal of "superconducting" permalloy films in an alternating magnetic field. A. N. Verkhovnin, Fiz. tverd. tela, 9 no. 9, 2728-2729, S '67.

Measuring the refractive index and the thickness of thin transparent films. V. D. Korshunov, I. U. G. Pina, Prikl. tekhn. eksp., 11 no. 6, 164-166, N-D '66.

Permalloy vaporization by electron bombardment. M. I. Vinogradov, V. F. Ushakov, Prikl. tekhn. eksp., 11 no. 6, 210-211, N-D '66.

Production of thin lead films by diffusive vaporization. V. F. Kuznetsov and others, Prikl. tekhn. eksp., no. 2, 233-235, M-Ap '67.

Reflector for condensation of films with a given thickness distribution. L. S. Palatnik, I. U. G. Gushchenko, Zav. lab., 33 no. 6, 771-776, '67.

Strain sensitivity in indium antimonide films. N. N. Sitov, D. I. Bolvanovich, Dokl. AN SSSR, 11 no. 10, 891-892, O '67.

Studying the effect of defects formed by plastic deformation on the magnetic anisotropy of permalloy films. A. I. Lisnyy, F. M. Smidich, Uki. fiz. zhur., 12 no. 10, 1632-1635, O '67.

Temperature dependence of rotational hysteresis in thin magnetic films. N. I. Vitunin, A. M. Zubakina, Izv. vuzov, ucheb. zav., 10 no. 11, 118-150, '67.

Use of an ion beam in the microexamination of thin metallic coating on dielectrics. A. G. Koval', P. A. Braude, B. V. Gutman, Prikl. tekhn. eksp., 11 no. 5, 211-214, S-O '66.

Vacuum attachment to a UR5-50-1M diffractometer for studying thin films during deposition. T. A. Mingazin, S. V. Ivanov, Prikl. tekhn. eksp., 11 no. 6, 213-215, N-D '66.

539 3 MECHANICAL PROPERTIES OF SOLIDS. ELASTICITY PLASTICITY

Compression and buckling of rods in creep under continuously increasing load. O. V. Sosulin, N. G. Torshenov, PMTF, no. 5, 140-141, S-O '67.

Creep of Duralumin D16T under continuous cyclic and stepwise varying loads. A. P. Kuznetsov, N. A. Moshkin, PMTF, no. 5, 145-148, S-O '67.

Creep of foam polyvinyl chloride in uniaxial tension. I. G. Romanenko, Izv. vuzov, ucheb. zav., strukt. i tekhn., 10 no. 9, 17-52, '67.

Deformation of an elastic spheroid. I. U. N. Podilchuk, Prikl. mekh., 3 no. 12, 34-42, D '67.

Deformation of an isotropic viscoelastic body as a two-dimensional problem. L. A. Galin, Dokl. AN SSSR, 177 no. 4, 808-811, D '67.

Derivation of the solution to the three-dimensional problem of the elasticity theory as applied to multilayer, half-space displacements. R. M. Rappoport, Izv. VNIIG, 81, 140-151, '66.

Design of oblong shallow shells under the action of asymmetric stresses. A. A. Tsotilin, F. V. Armut'nik, Prikl. mekh., 3 no. 11, 68-73, N '67.

Determining the optimum curvature in the torsion of a right angle. L. I. Sukhikh, Prikl. mekh., 3 no. 11, 130-135, N '67.

Development of practical methods for estimating concrete creep and shrinkage in designing reinforced concrete structural elements. E. N. Shestakov, Bet i zhelebet, 13 no. 8, 19-22, Ag '67.

Development of the method of integrodifferential equations in the theory of plates and shells. B. N. Fialdin, F. A. Tsykanov, Prikl. mekh., 3 no. 12, 10-15, D '67.

Differentiation of equations on the theory of thin shells along random, mutually orthogonal coordinate lines. L. A. Gordon, Izv. VNIIG, 81, 177-189, '66.

Dissipative functions in the theory of plastic media. D. D. Ivlev, Dokl. AN SSSR, 176 no. 5, 1037-1039, O '67.

Effect of compound boundary conditions on the elastoplastic state of a flexible plate. A. I. Strizhuk, V. A. Kolodnits, R. I. Rubikova, Prikl. mekh., 3 no. 11, 29-36, N '67.

Elastoplastic asymmetric deformations of circular plates. O. M. Palin, V. S. Chuvprikov, Prikl. mekh., 3 no. 11, 50-53, N '67.

Establishment of nonlinear theory of the flexure of plates. N. M. Matkharo, L. A. Tolokonnikov, Prikl. mekh., 3 no. 12, 44-48, D '67.

Electron emission during the local deformation of metal surfaces. R. I. Mintis, V. S. Kortov, Izv. vuzov, ucheb. zav., 10 no. 12, 90-95, '67.

Fundamental equations covering flexible plates for a Cosserat medium. G. A. Gerasimov, Prikl. mekh., 3 no. 11, 59-67, N '67.

Generalized boundary value problem for a plate with a reinforced edge. N. P. Flishevan, Zh. V. Starovoytsov, Prikl. mekh., 3 no. 12, 49-51, D '67.

Linearity of viscoelastic properties of an E D F glass reinforced plastic. P. M. Ogibalov, I. M. Tumeva, Vest. Mosk. un. Ser. I Mat. mekh., 23 no. 1, 110-114, Ja-T '68.

Mechanical properties of a solid parahydrogen at 4.2°K. D. N. Bul'shukin, I. U. E. Stetsenko, Z. N. Linnik, Fiz. tverd. tela, 9 no. 9, 2482-2486, S '67.

Mechanism of cavitation during high-temperature creep. B. A. Pines, R. I. Kuznetsova, S. Z. Chudenko, Uki. fiz. zhur., 12 no. 10, 1646-1655, O '67.

Numerical solution of a fundamental mixed problem in the plane theory of elasticity. V. V. Boykov, Izv. vuzov, ucheb. zav., 10 no. 1, 23-28, Ja '68.

On a contact stress problem in the two-dimensional theory of viscoelasticity. I. A. Rushchitskii, Prikl. mekh., 3 no. 12, 55-61, D '67.

Optical elastic limit of lithium fluoride single crystals in the 300° - 4°K temperature range. O. V. Khavina, I. U. M. Chirnov, A. V. Stepanov, Fiz. tverd. tela, 9 no. 9, 2549-2552, S '67.

Plasticity of certain stainless steels. V. V. Vul'f, M. A. Zaitov, V. N. Peretiatko, Izv. vuzov, ucheb. zav., 10 no. 10, 110-114, '67.

A problem in the theory of axisymmetric potential and the system of circular and annular stamps. G. N. Polozhin, Prikl. mekh., 3 no. 12, 16-27, D '67.

Propagation of thermoclastic waves in a heat conducting layer of constant thickness. G. A. Kikhtinskii, Prikl. mekh., 3 no. 12, 78-83, D '67.

Relations on stress discontinuity surfaces in three-dimensional ideal rigid-plastic bodies. G. I. Bykovtsev, D. D. Ivlev, I. U. M. Minsmanin, Dokl. AN SSSR, 177 no. 5, 1019-1022, D '67.

Some deviations from the principles of superimposed stresses and the theory of concrete creep. A. A. Gvozdev, A. V. Iashin, K. Z. Gaidusov, Bet i zhelebet, 13 no. 8, 23-27, Ag '67.

Some problems in the theory of asymmetric elasticity. B. V. Gorskii, Prikl. mekh., 3 no. 11, 74-83, N '67.

Some problems in the theory of cracks in approximation relative to girders. A. M. Mikhailov, PMTF, no. 5, 128-133, S-O '67.

Stability of a rectangular plate from orthotropic glass reinforced plastic with allowance for creep. V. A. Kominar, N. I. Malinin, Vest. Mosk. un. Ser. I Mat. mekh., 23 no. 1, 69-74, Ja-T '68.

Stressed state near a hole in a thin physically nonlinear plate. N. A. Shul'ga, Prikl. mekh., 3 no. 12, 115-118, D '67.

Study of the stressed state of thin anisotropic shells of revolution under antisymmetric loads. A. T. Vasilenko, Prikl. mekh., 3 no. 11, 120-124, N '67.

Studying the dispersion of the spray of a mechanical screw at noise. I. G. Pih, L. N. Polianikov, S. M. Ivanov, Khim. i nefte, mashinostr., no. 4, 15-18, Ap '65.

Studying the effects of defects formed by plastic deformation on the magnetic anisotropy of permalloy films. A. I. Lisnyy, L. M. Santile, Uki. fiz. zhur., 12 no. 10, 1632-1635, O '67.

Temperature dependence of the Young modulus of lithium ferrites. E. N. Novikov, M. A. Stelmashenko, A. A. Botaki, Izv. vuzov, ucheb. zav., 10 no. 11, 127-129, '67.

Temperature field for a shell of variable thickness. A. I. Borisuk, I. A. Motovilova, Prikl. mekh., 3 no. 12, 81-89, D '67.

Torsion of an elastic half-space whose modulus of elasticity obeys an exponential law. V. S. Protsenko, Prikl. mekh., 3 no. 11, 127-130, N '67.

Use of the variational principle in solving some problems in the theory of plasticity. M. V. Vaishtat, Prikl. mekh., 3 no. 11, 125-127, N '67.

Use of ultrasonic in studying the elastic properties of solid bodies at high pressures. F. F. Voronov, O. V. Stal'gerova, Prikl. tekhn. eksp., 11 no. 5, 207-208, S-O '66.

Wearing-out of yarn-guiding parts and measures for its prevention. P. T. Basko, Loh. prom., no. 2, 23-26, M-Ap '66.

- 541 I. (Continued)
- Effect of the nature of solvent on the reaction of catalytic decomposition of diazo acetate in the presence of cerium V. A. Tsukhteyev, I. S. Lishanskii. Izv. AN SSSR, Ser. khim. no. 12 2620-2623 D '67.
- Effect of the transferred substance and detection of mass transfer on the retention capacity and height of transfer unit in an inclined pulsation column. I. S. Holodnikov, P. G. Romanov. Zhur. prikl. khim. 10 no. 11 2602-2605 N '67.
- Electrical model of a pft factor transducer. V. A. Gionant, V. M. Katerer. Avtomatiz. no. 4 12-47 11-12 '67.
- Electrokinetic potential of gelatin activated colloidal lead and cadmium sulfides and its effect on amount of displaced phase adsorption from hydrosols on liquid-gas interface. G. S. Krasnov, S. G. Mokrushin. Izv. AN SSSR, Ser. khim. 13 no. 10 1111-1114 '67.
- Electron paramagnetic resonance study of free radical sites formed by irradiation of frozen aqueous solutions of cellobiose, gentiobiose, and maltose. N. E. Emanuel, et al. Dokl. AN SSSR 177 no. 5 1142-1115 D '67.
- Entropy of atomization of binary crystalline phases (compounds) with a similar structure type. V. A. Gaidaruk, I. A. I. Gerasimov. Zhur. fiz. khim. 41 no. 10 2601-2601 O '67.
- Equilibrium conditions in dissociation of manganite-oxides. A. A. Shepetukhin and others. Zhur. fiz. khim. 41 no. 9 2358-2359 S '67.
- Equilibrium of ion exchange $Fe^{3+} - H^{+}$ on the KU-2 cation exchanger. V. P. Vasil'ev, N. V. Parkhomenko. Zhur. neorg. khim. 13 no. 12 10-211 Ja '68.
- Equilibrium relationships of geometrical isomers of tetra-alkyl-substituted cyclohexanes. S. S. Bernan, V. A. Zakharenko, A. A. Petrov. Neftekhimika 7 no. 6 850-857 N-D '67.
- Features of ion-exchange sorption and elution in using styrolylaminomethylacetic acid. A. I. Pronin, S. K. Mutsaev, B. V. Chumakov. Zhur. fiz. khim. 41 no. 10 2610-2615 O '67.
- Fifty years of chemical kinetics. N. M. Emanuel. Zhur. fiz. khim. 41 no. 10 2415-2419 O '67.
- Fifty years of Soviet physical chemistry. N. M. Emanuel. Uspe. khim. 36 no. 11 1959-1961 N '67.
- Formation of complex nuclei of the oxide phase during the reduction of iron. A. A. Vorobiev, A. M. Levin. Izv. AN SSSR, Ser. khim. 10 no. 12 17-18 '67.
- Generation of EMI* in contactless carbon reduction of ferric oxide. N. A. Vasilukhskii. Zhur. fiz. khim. 41 no. 9 2392-2395 S '67.
- Chloride discharge in aluminum chloride vapors. G. D. Kuznetsov, A. A. Brudak-Zakharin, V. F. Gvozdi'. Zhur. fiz. khim. 41 no. 9 2350-2351 S '67.
- Ground state energy of a coupled polaron. I. I. Pot'kin, Sh. N. Gikhsman. Fiz. tver. tela 9 no. 9 2752-2753 S '67.
- Heat capacity of ethylene glycol and ethylene dioxolene-glycol in the region 60° to 300° K. P. N. Nikolayev, I. R. Radnovich. Zhur. fiz. khim. 41 no. 9 2191-2191 S '67.
- Heat of combustion of t-alkylalcohols. Part 4. Determination of heat of combustion of t-1-n-hexylalcohol. G. I. Galchenko, N. S. Zangul'nikova. Zhur. fiz. khim. 41 no. 9 2181-2181 S '67.
- Heat of formation of cesium and cadmium sulfides. A. A. Sldkovskii, A. A. Voskresenskii. Zhur. fiz. khim. 41 no. 9 2135-2137 S '67.
- High temperature reaction of tetrachloroethylene with toluene and methanol. G. I. Nikishin, M. I. Dusenov. Izv. AN SSSR, Ser. khim. no. 12 2777-2778 D '67.
- Interaction of tantalum and niobium pentachlorides with chlorides of fifth group elements. N. I. Glikson, N. D. Chikanov. Zhur. neorg. khim. 13 no. 12 282-281 Ja '68.
- Interfacial tension of some aliphatic and aromatic diamines. I. M. Vasylovich and others. Dop. AN URSS, Ser. B 29 no. 12 1091-1094 D '67.
- Intermolecular distance of a dissolved substance as a factor determining the magnitude of sorption on a smooth solvent surface. N. I. Plekhanov. Zhur. prikl. khim. 40 no. 11 2618-2620 N '67.
- Investigating adsorption properties and modifications of solid carriers in gas-liquid chromatography. V. G. Bezdek, V. P. Pakhomov, E. G. Proskurnova. Khim. tver. topl. no. 6 779-788 N-D '67.
- Joule-Thompson effect in gas mixtures at low temperatures. Part 4. Mixture of hydrogen with 23% nitrogen. M. G. Ostionov, and others. Zhur. fiz. khim. 41 no. 9 2174-2176 S '67.
- Kinetic regularities of the dehydrogenation of propane. G. M. Panchenko, A. S. Kazanskaya, A. D. Pchelkin. Neftekhimika 7 no. 6 858-864 N-D '67.
- Kinetics of $AlCl_3$ hydrolysis in alkaline medium. V. P. Karakov, M. V. Korovayova. Zhur. neorg. khim. 13 no. 1 160-70 Ja '68.
- Kinetics of electrochemical oxidation of pyridine in the 70° to 300° temperature range in anhydrous acetic acid. A. M. Abzhinov, S. V. Gorbachev. Zhur. fiz. khim. 41 no. 9 2367-2371 S '67.
- Kinetics of extraction of chelate complexes of molybdenum. A. N. Bantys, D. A. Kniarev. Zhur. neorg. khim. 13 no. 12 231-236 Ja '68.
- Kinetics of iron extraction with diisobutylorthophosphoric acid. I. U. B. Kletnik, V. A. Navitskaya. Zhur. neorg. khim. 12 no. 11 3114-3122 N '67.
- Kinetics of metal phosphenite formation in nitrogen-containing solvents. B. D. Bezein, G. I. Smirnova. Zhur. fiz. khim. 41 no. 9 2358-2362 S '67.
- Kinetics of oxidation of iodide by iodate. I. U. V. Panchov. Zhur. neorg. khim. 13 no. 1 58-62 Ja '68.
- Kinetics of titanium oxidation by oxygen at high temperatures. V. I. Pukhromov, V. I. D'yachkov. Zhur. prikl. khim. 40 no. 11 2405-2413 N '67.
- Liquid-phase hydrogenation of organic compounds on mixed ruthenium catalysts. Ruthenium-platinum catalysts. D. V. Sokol'skii and others. Dokl. AN SSSR 176 no. 5 1093-1095 O '67.
- Mechanism and kinetics of the process of oxygen sorption on face (111) of tungsten single crystals. I. A. P. Zingerman, V. A. Ischuk. Fiz. tver. tela 9 no. 9 2529-2538 S '67.
- Mechanism of benzene oxidation catalyzed by ions. D. I. Metelitsa, F. T. Denisov, A. E. Semchenko. Zhur. fiz. khim. 41 no. 10 2708-2712 O '67.
- Mechanism of the breakdown of propylene in the catalysis of ether. R. A. Kalinenko and others. Dokl. AN SSSR 177 no. 5 1095-1098 D '67.
- Mechanism of vapor-phase interaction of alkanes with nitrogen dioxide. Effect of reactor diameter, of N_2 , CO_2 , H_2 , NO , aldehydes, and alkyl nitrate additives on the slow and cold-flame reactions of C_3H_8 with NO_2 . S. I. Molchanova, A. P. Baidov, V. I. Shtern, Neftekhimika 7 no. 6 890-899 N-D '67.
- Microscopic theory of diffusion in crystalline solid solutions and the time-dependent evolution of diffuse scattering of X rays and thermal neutrons. A. G. Khichutman. Fiz. tver. tela 9 no. 9 2594-2603 S '67.
- Modification of silicon nickel catalyst in the specific adsorption of cations. S. A. Musina, G. D. Zakharova, D. V. Sokol'skii. Zhur. fiz. khim. 41 no. 10 2537-2543 O '67.
- Molar volumes and thermodynamic properties of argon at pressures up to 10,000 atm and temperatures up to 100° C. E. V. Polikhov, D. S. Tsihlis. Zhur. fiz. khim. 41 no. 9 2470-2471 S '67.
- Molecular-statistical study of relationship between the thermodynamic characteristics of various adsorption systems. A. V. Kisilev, P. D. Poskus. Zhur. fiz. khim. 41 no. 10 2637-2632 O '67.
- Mutual solubility in the system amyl alcohol water in the presence of potassium chloride. E. K. Zakharov. Zhur. fiz. khim. 41 no. 9 2252-2254 S '67.
- New data in the field of stereospecific catalysis. I. I. Kabanovskii. Zhur. fiz. khim. 41 no. 10 2528-2536 O '67.
- New method for determining composition of metal catalyst active center. Zh. V. Strel'nikova, G. I. Emel'yanova, V. P. Lebedev. Zhur. fiz. khim. 41 no. 9 2209-2302 S '67.
- Nonstationary diffusion-kinetic processes in heterogeneous systems. L. N. Khatrin. Khim. tver. topl. no. 6 110-117 N-D '67.
- Nuclear magnetic resonance of water protons adsorbed by vermiculite. F. D. Ovcharenko and others. Dokl. AN SSSR 177 no. 5 1131-1133 D '67.
- p-V-T-N-correlation in diluted solutions near critical point of pure solvent. Part 1. Sulfur hexafluoride. L. A. Makarevich, E. S. Sokolova, G. A. Sorina. Zhur. fiz. khim. 41 no. 9 2273-2275 S '67.
- Past, V., and A. Keorits. [Physicochemical calculations] Fizikal'skoe imeniye Taita, 1967 171 p. [In Estonian]
- Phase and volume correlations in the system ethane-carbon dioxide. M. E. Khazanova, I. S. Losnevskaya. Zhur. fiz. khim. 41 no. 9 2375-2376 S '67.
- Phase equilibria in systems containing fluorine compounds. D. S. Tsihlis, V. M. Prokhorov. Zhur. fiz. khim. 41 no. 9 2195-2199 S '67.
- Phase equilibria in systems involving samarium, europium, monoxides, and silica. I. A. Bondar', N. A. Topov, L. N. Koroleva. Izv. AN SSSR, Neorg. mat. 3 no. 11 2034-2039 N '67.
- Phase equilibria of the system water-hydrogen chloride-dipropyl ether. M. V. Ionin, V. G. Shverina. Zhur. ob. khim. 37 no. 11 2431-2435 N '67.
- Photocatalytic activity of ZnTe and its connection with electric and magnetic properties. A. V. Pamfilov and others. Ukr. khim. zhur. 32 no. 10 1048-1052 '66.
- Photochemical oxidation of benzene in gas phase sensitized by mercury vapors. O. M. Nazian, A. A. Mantashin, A. B. Nalbandian. Arm. khim. zhur. 20 no. 9 671-679 '67.
- Photosensitizing effect of chlorophyll monomolecular layers. L. I. Nekrasov, L. V. Chasovnikova, N. I. Kobozov. Zhur. fiz. khim. 41 no. 10 2634-2630 O '67.
- Photosorption of oxygen on magnesium oxide. A. A. Lisachenko, F. I. Vlesov. Dokl. AN SSSR 176 no. 5 1101-1106 O '67.
- Precalculation of adsorption equilibrium in adsorption from binary nonelectrolyte solutions. O. G. Larionov, K. V. Chumakov, M. D. Iudilevich. Zhur. fiz. khim. 41 no. 10 2616-2622 O '67.
- Pressure of saturated vapors over solutions of nitrogen oxides in nitric acid of high concentration. M. M. Karavaev, V. A. Larkova

Temperature dependence of the resistance and crystallization processes in the binary system selenium-sulfur. A. A. Kiselevich, *Uch. zap. Penz. inst. fiz. i khim.*, 103: 221-223 '66.

Universal device for the synthesis and crystallization of semiconducting materials. I. I. Lychev and others. *Fizichesk. khim.*, no. 2: 188-191. N-D '67.

Use of modeling the bioactivity and the dynamic system. I. A. Nefedov. *Zhur. fiz. khim.*, 41 no. 10: 2563-2572 D '67.

543 ANALYTIC CHEMISTRY

Working filtration systems in the Lysyoy Rog mining and processing combines. V. S. Khrushchev, P. I. Pukhachev. *Gor. zhur.*, 113 no. 166-68. N-D '66.

Chromatographic determination of lead in ores after extraction on an anion exchanger. A. A. Khali and others. *Zav. lab.*, 33 no. 9: 1061-1065 '67.

Determination of small impurities of D-amino acids in natural amino acids. S. V. Vity, M. B. Sapozhnikov, A. M. Baskov. *Izv. AN SSSR Ser. Khim.*, no. 12: 2771-2772 D '67.

Changes in coal charges of by-product coke plants. M. K. Sidor and others. *Khim. i tekhn. topl.*, no. 6: 145-150. N-D '67.

Forming structurally modified water in quartz crystallites. V. I. Anisimova and others. *Zhur. fiz. khim.*, 41 no. 9: 2377-2379. N-D '67.

Practical use of the neutron activation analysis. N. B. Kuznetsov. *Atom. energ.*, 24 no. 1: 101-103. N-D '66.

Quantitative analysis of multicomponent systems. V. N. Gerasimov. *Uch. zap. Sib. G. R. g. i. khim. inst.*, no. 10: 221-226. N-D '67.

Russia (U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Zinc, methods of chemical analysis] *Tsisk. metody khimicheskogo analiza. Izd. ofitsial'nogo Gos. 11684-66 - GOST 11689-66*. Moskva, 1967. 40 p. Including the structure of isotope detectors by infrared spectroscopy, and nuclear magnetic resonance methods. R. G. Cherkov and others. *Neftekhimika*, 7 no. 8: 871-877. N-D '67.

543 2 SPECIAL CHEMICAL METHODS OF ANALYSIS AND ASSAY

Spectrophotometric determination of bismuth by diethyldithiocarbamate. A. A. Arshavskiy, A. G. Akhmetshin, I. U. Usatko. *Zav. lab.*, 33 no. 6: 692-695 '67.

Apparatus for studying the kinetics of heterogeneous processes involving multicomponent gaseous mixtures. III. I. Kiselev, I. V. Svyetlov. *Zav. lab.*, 33 no. 9: 1115-1116. N-D '67.

Catalytic action of bis(10-phenylthio) dyes. I. M. Skolov, I. N. Kiselevich. *Khim. i tekhn. topl.*, 32 no. 10: 1124-1126. N-D '66.

Colorimetric method of investigating the interaction of sodium hydroxide with mixtures of acids and salts of weak bases. A. P. Kiselev, T. A. Khmelakova. *Zhur. neorg. khim.*, 13 no. 1: 20-26. N-D '66.

Colorimetric determination of water in the presence of hydrogen peroxide peroxide and diethyl peroxide. G. I. Nefedov, S. M. I. V. Vity, A. P. Kiselev. *Zhur. neorg. khim.*, 13 no. 1: 25-26. N-D '67.

Free of organic substances on copper electrodeposition. L. I. A. Arshavskiy, V. N. Lobedeva, M. I. A. Popov. *Fizichesk. khim.*, 3 no. 12: 1151-1158 D '67.

Thiobenzidine as a masking reagent in volumetric analysis. I. M. Khrist. *Zav. lab.*, 33 no. 6: 680-683 '67.

High-frequency electrochromism on "TTR-1" semiconductor. A. S. Andreev, I. S. Tatarskiy, A. A. Torshinov. *Med. tekhn. i fiz.*, no. 3: 15-16. N-D '67.

Ionization methods of detecting permanent gases with the use of titanium targets. V. A. Robin. *Izv. AN SSSR no. 5*. N-D '66.

Mechanism of copper electrodeposition from pyrophosphate electrolyte. E. A. Nekrasov, P. Z. Napukh, V. T. Kuchinskii. *Fizichesk. khim.*, 3 no. 12: 1191-1197 D '67.

Ammonium-type detector. V. G. Gulya and others. *Zav. lab.*, 33 no. 9: 1112-1114 '67.

Chelation-polarographic study of chloride complexes of bismuth. I. G. Chukvazova, I. I. Vatanan. *Zhur. neorg. khim.*, 12 no. 11: 2916-2919. N-D '67.

Polarographic determination of liponic acid amide. V. A. Bevilacqua, G. G. Petrenko. *Khim. i tekhn. topl.*, 32 no. 6: 12-10. N-D '67.

Polarographic study of pyrocatechol violet. V. N. Lenina, G. P. Razanova. *Izv. vys. ucheb. zav. khim. i tekhn.*, 10 no. 10: 1112-1115. N-D '67.

Polarography of ionic melts. I. U. K. Delmar'skiy. *Teor. i ekspr. khim.*, 3 no. 6: 765-771. N-D '67.

Precision of measuring the kinetics of reactions on Me-Banc's balance. I. G. Abidov, I. A. Shumshilevich. *Zav. lab.*, 33 no. 9: 1115-1116 '67.

Pulsed polarographic determination of sulfur in iodine and products of rectification of chlorides. B. I. A. Kaplan, G. I. Kuchinskii. *Zav. lab.*, 33 no. 9: 1055-1067 '67.

Rapid chronoconductometric method of determining mixtures of sulfuric acid with different acids in aqueous solutions. T. A. Khmelakova. *Zhur. fiz. khim.*, 41 no. 11: 2440-2442. N-D '67.

Study of intermetallic compounds in mercury by the method of anodic polarography with accumulation. Part I. Theory. Dependence of anodic cuts of elements on metal concentration in amalgam and on the electrolysis time. A. G. Stromberg, M. S. Zakharov, N. A. Mesnats. *Fizichesk. khim.*, 3 no. 12: 1140-1141 D '67.

Thermal stability of barium sulfate. I. V. Vinitov, F. I. Kovalova, E. Sh. Gerasimov. *Zhur. neorg. khim.*, 13 no. 1: 264-266. N-D '66.

Use of thallium acid in the potentiometric determination of copper. I. A. Sarykova, P. N. Kozlov, Z. I. Kharov. *Zav. lab.*, 33 no. 9: 1057-1059 '67.

Using radioactive isotopes to trace processes of the deep purification of substances. I. A. D. Zolotarev, A. A. Litvinov, V. A. Shalygin. *Izv. AN SSSR no. 5*. N-D '66.

543 3 WATER SAMPLING AND ANALYSIS

Microdetermination of water by 1,4-bis(1,3,5-trimethyl-2-pyridyl)benzene instead of methanol. V. A. Klimov, P. B. Shiman, A. M. L'vov. *Izv. AN SSSR Ser. Khim.*, no. 12: 2599-2602 D '67.

Universal titrimetric micromethod of determining water by means of Fischer reagent. V. A. Klimov, P. B. Shiman, A. M. L'vov. *Izv. AN SSSR Ser. Khim.*, no. 12: 2761-2764 D '67.

543 3 (471 56)—Orenburg Province

Sulfate in the drinking water of gopher for Orenburg Province. V. I. Z. Prokhorov. *Izv. AN SSSR Ser. Khim.*, no. 6: 11-11. N-D '67.

543 4 OPTICAL, VISUAL METHODS COLORATION, ETC

Anomalous of the rubs in fluorographic examinations. G. I. Purov. *Arkh. anat. i gistol. embriol.*, 53 no. 1: 21-24. N-D '67.

Aqueous solutions of hydrogen peroxide and sulfuric acid. A. S. Chernik, V. A. Khomutov. *Zhur. neorg. khim.*, 13 no. 1: 210-213. N-D '66.

Behavior of potassium metaphosphate on heating. A. B. Belavskiy and others. *Zhur. neorg. khim.*, 13 no. 1: 41-46. N-D '66.

Boothole GGS-1 gamma spectrometer for measuring energy spectra of natural, induced, and captured gamma radiation from rocks. I. I. Rogozhin and others. *Izv. AN SSSR no. 5*. N-D '67.

Calculation and interpretation of the infrared absorption spectrum of γ -phenylpyridine. V. D. Prishchepko. *Trudy in. zhurn. fiz. khim.*, 23 no. 3: 75-85. N-D '67.

Calculation of coefficients of nonlinear dispersion equations for mixtures with important deviations from additivity. A. I. Vasiliev, P. V. Pribludov. *Zav. lab.*, 33 no. 6: 699-702 '67.

Calculation of the boundary of detection of elements in spectrum analysis. A. I. Kuznetsov, I. A. D. Rukhovich. *Zav. lab.*, 33 no. 9: 1011-1013. N-D '67.

Comparative stability of complex compounds of nickel, cobalt, and zinc with some organic hydroxy acids, and their application in chromatographic separation of nickel and cobalt from iron and aluminum. V. K. Zolotarev, I. V. A. Svyetlov, I. V. Kiselev, V. N. Kiselev. *Izv. AN SSSR Ser. Khim.*, no. 6: 77-71. N-D '67.

Comparison of photometric reactions of selenium and method for its determination in ores by dilution. D. P. Shchegolev, A. I. Ivanova, G. P. Glad, I. V. Kiselev. *Zav. lab.*, 33 no. 6: 693-698 '67.

Conference on Regional X-ray Spectrometry. N. P. D. *Zav. lab.*, 33 no. 6: 1158 '67.

Correlation between properties of molecular and electronic interaction parameters of functional groups. A. P. L'vov, P. I. Tsvetkov. *Izv. AN SSSR Ser. Khim.*, no. 6: 751-754. N-D '67.

Crystallographic X-ray spectra analysis of molybdenum using an X-ray detector of γ radiation on the basis of PbMn₂. V. I. Bochenin. *Zav. lab.*, 33 no. 9: 1158-1159. N-D '67.

Crystallization of films of polyvinyl alcohol. V. N. Lobedeva, G. I. Distler, I. I. Korotkova. *Vysokom. soed. Ser. A*, 9 no. 10: 2076-2082. N-D '67.

Determination of benzoic acid in waste hydrogen chloride by the spectrophotometric method. V. G. Matviuk and others. *Zav. lab.*, 33 no. 6: 705-706 '67.

Determination of chloroform in the blood by reaction gas chromatography. O. L. Gerasimov, A. A. Naroditskaya. *Izv. AN SSSR Ser. Khim.*, no. 12: 2916-2919. N-D '67.

Determination of copper microquantities in some food products. I. I. G. Gotshuk, I. I. Tsvetkov. *Izv. vys. ucheb. zav. i shk. i tekhn.*, no. 6: 142 '67.

Determination of cyclohexanone in aqueous layers. I. U. D. Gaudin, I. I. A. D. Gaudin. *Zav. lab.*, 33 no. 6: 701-705. N-D '67.

Determination of lyszyme activity by means of the microphotometric method. V. G. Dorofeyuk, I. A. D. Gaudin. *Zav. lab.*, 33 no. 6: 715-716. N-D '67.

Determination of oxygen in steel by means of the EL-5-1 spectrophotometer. V. I. Svet, I. K. Korotkova. *Zav. lab.*, 33 no. 6: 715 '67.

Determination of protein trace quantities by means of ninhydrin test. N. A. Kiselev, V. Kh. Lapuk, I. A. D. Gaudin. *Zav. lab.*, 33 no. 6: 717-718. N-D '67.

Determination of rare earth impurities in vitreous oxide from luminescence spectra of crystal phosphors. Sh. G. Melamed, A. V. Antonov, E. V. Kulevskii. *Zav. lab.*, 33 no. 6: 712-714 '67.

Determination of serotonin in the blood and cerebrospinal fluid by a modified fluorometric method. A. I. U. Makarov, E. A. Levin. *Zav. lab.*, 33 no. 12: 722-725. N-D '67.

Determination of the content of estrone, 17 β -estradiol and estradiol in the urine by means of gas-liquid chromatography. G. A. Pivovarov. *Trudy TSU*, 10: 219-223. N-D '67.

Determination of 2-acetylnaphthalene in a mixture of 1- and 2-acetylnaphthalenes. I. U. D. Gerasimov and others. *Zav. lab.*, 33 no. 6: 702-703 '67.

Deviations in absorption spectrum of benzene suboxide. I. G. Naumov, V. A. Izmail'skiy. *Zhur. fiz. khim.*, 41 no. 4: 2317-2320. N-D '67.

Diagnosis of gastric cancer by means of tetraacyclic fluorescence. V. G. Khaman and others. *Izv. AN SSSR Ser. Khim.*, no. 12: 2599-2602 D '67.

Effect of evaporation conditions on the results of determination of alloying elements and impurities in alloys on the titanium base. S. I. Bulayev, V. N. Vovk, T. G. Vasil'eva. *Zav. lab.*, 33 no. 6: 701-709 '67.

Effect of light absorption in an arc on spectral line intensity. M. S. Tsvetkov, T. A. Kiselev. *Izv. AN SSSR no. 6*. N-D '67.

Effect of plastic deformation on the Mossbauer effect. V. S. Portov, R. I. Mintz, I. N. Sidorov. *Izv. AN SSSR Ser. Khim.*, no. 12: 2771-2772 D '67.

Effect of the departure from thermal equilibrium on the spectral line intensity in an arc discharge plasma. V. M. Goldfarb. *Uch. zap. Penz. inst. fiz. i khim.*, 103: 239-246. N-D '66.

Effectiveness of different methods of immunofluorescent study of Rickettsia and viruses of the lymphogranuloma and ornithosis group. R. B. Gol'din and others. *Zhur. mikrobiol. i epid. i immun.*, 44 no. 11: 131-139. N-D '67.

Electron-vibrational absorption spectra of phenylbenzoxazole. G. V. Gorbunov, B. N. Nuzmukhanov. *Zhur. fiz. khim.*, 41 no. 9: 2330-2335. N-D '67.

Experience in studying the microfluorescence method in serum diagnosis of syphilis. G. A. V. Melnikov and others. *Zav. lab.*, 33 no. 12: 22-25. N-D '66.

Expansion of existing data on the fraction surfaces to machine part and metal specimens. B. I. Kiselev, N. P. Ryzhik, M. I. Natushkin. *Izv. AN SSSR Ser. Khim.*, no. 6: 71-74. N-D '67.

Fluorimetric-photometric determination of antimony in ferrous metals with sulfonate. A. T. Pilyuk, N. N. Natushkin. *Zav. lab.*, 33 no. 9: 1071-1075 '67.

Formulas for intensity sums in Mossbauer spectra. S. V. Kuznetsov. *Izv. AN SSSR Ser. Khim.*, no. 12: 2599-2602 D '67.

Hydrodynamic and optical studies of fractions of methyl methacrylate-styrene graft copolymers. T. Kadyrov and others. *Vysokom. soed. Ser. A*, 9 no. 10: 2081-2089. N-D '67.

Illumination system of an electron microscope consisting of an X-ray microanalyser. B. N. Vasil'ev and others. *Fiz. i tekhn. eksp.*, 11 no. 6: 176-180. N-D '66.

Infrared absorption spectra of some bis- and trisubstituted azobenzene. R. M. Aseeva, I. V. Gulyaev, A. A. B. I. *Izv. AN SSSR Ser. Khim.*, no. 12: 2635-2641 D '67.

Infrared spectra and structure of compounds formed in the reaction of HNCs and UVI by solutions of 1,1-dichloroethane. A. A. Lipovskiy, M. G. Kuznetsov. *Zhur. neorg. khim.*, 13 no. 1: 222-227. N-D '66.

Interaction between dyes and reducing agents studied by means of infrared spectra. Part 2. A. A. Sidorov, A. T. Vartanov. *Zhur. fiz. khim.*, 41 no. 10: 2673-2700. N-D '67.

Investigating gases and volatile matter of coals with mass-spectrometric methods. S. G. Aronov and others. *Khim. i tekhn. topl.*, no. 6: 11-20. N-D '67.

Long-wave infrared absorption spectra of the complex compounds of thallium (III) with 1,10-phenanthroline, pyridine, and 2,2'-bipyridine. I. I. Kiselev and others. *Zhur. neorg. khim.*, 13 no. 1: 155-156. N-D '66.

Mass spectrometry of gases during the vacuum heating of metals. V. L. Lavrovskiy and others. *Izv. vys. ucheb. zav. i shk. i tekhn.*, 10 no. 11: 19-15. N-D '67.

Method of spectral analysis of gallium as a standard film on a supporting structure of the same material. N. G. Kiselev, S. I. Kiselev, R. N. Rubinshtein. *Zav. lab.*, 33 no. 9: 1086-1090. N-D '67.

Methodology for colorimetric determination of p-tolylbutylpyridine in styrene. I. N. Kiselev, I. S. Mavrova, N. G. Pokrovskaya. *Plast. massy*, no. 10: 66 '67.

[Molecular spectroscopy in chemistry] *Primenenie molekularnoi spektroskopii v khimii*. Moskva, "Nauka," 1966. 270 p.

Morphology of optically observed structures of chloroprene rubber. P. M. Gerasimov, G. M. Batenev, I. P. Syrovatko. *Vysokom. soed. Ser. A*, 9 no. 10: 2100-2104. N-D '67.

Nuclear magnetic resonance of water protons adsorbed by vermiculite. E. D. Ovechkin and others. *Dokl. AN SSSR*, 177 no. 5: 1141-1143 D '67.

Organization of fluoroscopic examination. L. N. Bogdanov. *Probl. tekhn.*, 43 no. 10: 12 '67.

Orientation of graft layer in vapor-phase photosensitized polymerization of vinyl isocyanate and acrylic acid on polyethylene films. I. U. P. Pivovarov and others. *Teor. i ekspr. khim.*, 3 no. 6: 843-846. N-D '67.

Photocolorimetric determination of iron in liquid phase of flotation pulps with the use of xylol orange and methylthymol blue. T. A. Morgen, N. A. Vlasov. *Izv. vys. ucheb. zav. i shk. i tekhn.*, 10 no. 10: 1090-1093. N-D '67.

Phototurbidimetric determination of small amounts of chlorides in anhydrous acetic acid. V. A. Bork, L. A. Shvaykova. *Izv. vys. ucheb. zav. i shk. i tekhn.*, 10 no. 10: 1094-1096. N-D '67.

Quantitative determination of protein in shortwave ultraviolet light. V. A. Khamanov, O. I. Pustovolova. *Khim. i tekhn. topl.*, no. 12: 711-713. N-D '67.

Quantitative spectral analysis of the AZHIN-10-1-4-type bronze using contact-spark sampling. V. S. Baskov, I. U. P. Korolev. *Zav. lab.*, 33 no. 6: 710-712 '67.

- Refractometric variant of the adsorbability method. E. A. Gumerov, I. D. Ishkhund, Zhur. neorg. khim. 13 no 1 245-251 Ja '68.
- Selection of the optimum method of molecular spectral analysis of multicomponent mixtures. A. I. Vasilev, Zav. lab. 33 no 9 1080-1083 '67.
- Solvolysis of some aliphatic-aromatic nitroammones and Hammett constants. A. V. Inokhina, and others. Zhur. fiz. khim. 41 no 9 2343-2344 S '67.
- Spectral determination of chromium in ruby by means of laser. A. V. Kurat and others. Zav. lab. 33 no 4 1091-1095 '67.
- Spectral method of determination of nitrogen and oxygen in helium. Zh. G. Perminova. Zav. lab. 33 no 9 1096 '67.
- Spectrographic and spectrophotometric analysis of TSAYB-1 alloys. I. F. Nikiforova. Zav. lab. 33 no 6 715 '67.
- Spectrographic method of analysis of limestone. I. I. Dimin, A. I. Inokhina, S. A. Goshut. Zav. lab. 33 no 9 1097 '67.
- Spectroscopic study of rotational isomerism of 2-halobutanes in the gas phase. V. I. Farel, I. U. A. Pantin, O. D. Ulianova. Zhur. fiz. khim. 41 no 10 2681-2688 O '67.
- Structure of acid ethylenediamine tetraacetates of nickel and copper. N. P. Potapova, L. I. Martynova, Zhur. neorg. khim. 13 no 1 192-194 Ja '68.
- Study of compatible systems based on elastomers by means of radiothermoluminescence. N. A. Buben and others. Vysokom. seed Ser. A 9 no 10 2681-2683 O '67.
- Study of the harmony of colors based on colorimetric analysis. I. U. Nagimzade. Tekh. est. 3 no 5 16-23 My '67.
- Studying the transfer processes of metal atoms and ions in a d.c. arc plasma. V. M. Goldfarb, D. I. Vainilov, I. V. Iltina, Uch. zap. Inst. Gits. 303 247-255 '66.
- Synthesis and spectroscopic study of chloromethyl derivatives of silanes and siloxanes. K. A. Andrianov and others. Izv. AN SSSR, Ser. Khim. no. 12 2666-2673 D '67.
- Use of extremely low temperatures in optical and polarization tests of models. V. G. Andreev, Zav. lab. 33 no 9 1103 '67.
- Use of infrared spectroscopy for studying radioelectric solid inorganic compounds. M. V. Afhamanova, I. F. Mikhailenko. Dokl. AN SSSR 177 no 5 1120-1123 D '67.
- Use of methods involving spectrum analysis of ionizing radiations in shielding physics. F. L. Stollara. Vop. dokl. i zashch. no 7 51-72 '67.
- A vessel for obtaining infrared spectra of liquefied gases and linearly oriented crystals. I. U. A. Panchenko, I. U. A. Pantin. Zav. lab. 33 no 9 1106-1108 '67.
- Vibrational spectra and chemical structure of ions and molecules of the X_2O_2 -type. A. N. Larinov, T. F. Tentsheva. Dokl. AN SSSR 177 no 4 849-852 D '67.
- X-ray analysis of the superoxide of LiO_2 . V. M. Bakulina, S. A. Tokaeva, I. I. Volnov. Zhur. strukt. khim. 8 no 6 1101-1105 N-D '67.
- X-ray diffraction study of the structure of strongly alloyed germanium. E. G. Sheikhet, V. I. Shkol, Izv. AN SSSR, Neorg. mat. 1 no 11 1967-1971 N '67.

543 5 PHYSICAL CHEMICAL METHODS (OTHER THAN OPTICAL)

- Activation determination of impurities in silicon and arsenic. P. I. Artukhin and others. Zav. lab. 33 no 6 676-678 '67.
- Aerosol-spark method of analysis and its application for determining rare earth elements. N. I. Tarasovich, V. V. Gusevskii, Zav. lab. 33 no 9 1091-1094 '67.
- Arrangement for conducting differential thermal analysis or isothermal decomposition with simultaneous analysis on mass spectrometer. R. N. Isaev, I. U. A. Zakharov, V. V. Bordachev. Zhur. fiz. khim. 41 no 9 2398-2399 S '67.
- Authoradiographic study of the distribution of various elements in steel using the diffusion saturation method. P. L. Gruzin, V. V. Kural', N. L. Garbuseva. Zav. lab. 33 no 9 1109-1111 '67.
- Chromatographic analysis and identification of products of liquid-phase oxidation of olefine. D. I. Cherniak, A. M. Nikolaevskiy, R. V. Kucher, Vysk. L'viv, un Ser. khim. no 9 98-102 '67.
- Dependence of the spot area and magnitude of sorption on chromatographic paper on the intermolecular spacing of a substance in solution. N. I. Plekhanov. Zhur. prikl. khim. 40 no 11 2617-2619 N '67.
- Detection of organic compounds by means of the positive corona discharge in hydrogen. V. Z. Lakshtanov, A. V. Markovich, S. L. Dobychin. Zhur. prikl. khim. 40 no 11 2492-2497 N '67.
- Determination of heptachlor residues in vegetable food products by paper chromatography method. E. S. Kosmaty. Vop. pit. 26 no 3 24-27 My-Je '67.
- Differential chromatographic method of studying the kinetics of catalytic reactions. S. Z. Roginskii and others. Dokl. AN SSSR 176 no 5 1114-1116 O '67.
- Diet lipids. Report No. 5. Microacetylation of diols and triols for gas chromatographic analysis. V. A. Vaver, V. V. Dorogov, L. D. Bergelson. Izv. AN SSSR, Ser. Khim. no. 12 2681-2684 D '67.
- Electrochemical methods of determining europium in mixtures of rare earth metals. N. G. Serba and others. Zav. lab. 33 no 6 696-697 '67.
- Electrophoretic heterogeneity of serum mucoproteins. L. N. Cherkashenko. Lab. delo no 12 716-722 My '67.
- Fast neutron activation analysis for determining oxygen in molybdenum and titanium. A. V. Andriy, I. I. Brat, I. M. Ponomarev. Zav. lab. 33 no 9 1105-1107 '67.
- Fast neutron activation analysis of the earths. I. V. Plaksin, I. P. Stukh, I. T. Tustanovskii. Zav. lab. 33 no 9 1108-1109 '67.
- Gas chromatographic analysis of acid admixtures using group chemical concentration. V. G. Belykh, O. I. Goshinova, Z. P. Markovich. Zav. lab. 33 no 6 1097-1099 '67.
- Gas chromatographic determination of microimpurities in concentrated fluorocryl. L. P. Mikhtuk, I. I. Shapala, I. U. A. Panchenko. Zav. lab. 33 no 6 1095-1097 '67.
- Immunoelectrophoretic study of albumins and decomposition products of fibrinogen and fibrin. A. M. Kuznetsov. Probl. gmat. i per. khim. 13 no 1 55-56 Ja '68.
- Investigating adsorption properties and modifications of solid carriers in gas-liquid chromatography. V. G. Berezin, V. P. Pakhomov, T. G. Proskurnova, Khim. teol. no 6 78-88 N-D '67.
- Investigating various types of lignites by physical methods. Z. S. Smutina, S. A. Mikhail, M. E. Kazakov, Khim. teol. no 6 21-30 N-D '67.
- Kinetics of sorption of rare earth elements in the presence of polyaminopolycarboxylic acids. N. N. Matroina, L. V. Shepetov, K. V. Chmutov. Zhur. fiz. khim. 41 no 9 2345-2347 S '67.
- Mass spectra of stannate and stibine. N. V. Larin, I. L. Lyagunov, S. M. Vlasov. Zhur. neorg. khim. 13 no 1 3-6 Ja '68.
- Mass spectrometry of intermediate products of the total synthesis of estrogens. V. I. Sadovskaya, N. S. Vulfson, V. I. Zaretskii. Izv. AN SSSR, Ser. Khim. no 12 2767-2769 D '67.
- Method for locating impurities of methanol in water-alcohol solutions by gas chromatography. V. P. Grigorov and others. Tekhn. sp. prom. 32 no 5 7-9 '66.
- Methods for calculating separation conditions in chromatographic analysis of combustion products. Z. I. Goller, I. I. Arutunov. Pribl. khim. 11 no 12 74-76 D '67.
- Microelectrophoresis in acrylamide gel as a method of analysis of protein fractions. E. G. Lushki, M. O. Tchernikova, N. G. Serbina. Lab. delo no 12 714-715 My '67.
- Mineralogical composition of slates made of magnetite from ore concentrates containing magnetite. M. S. Rykov, A. A. Pechenkov. Izv. v. uch. zav. Chern. met. 10 no 12 30-31 '67.
- Problems of surface chemistry and molecular theory of adsorption. A. V. Kirilov. Zhur. fiz. khim. 41 no 10 2470-2485 O '67.
- Radioactivation determination of tantalum in high purity, niobium pentoxide. I. P. Altman, G. N. Bilmovich, I. U. A. Pavlov. Zav. lab. 33 no 6 672-676 '67.
- Radioindicator method for determining praseodymium impurity in cerium compounds. S. S. Kostikov, O. T. Saunkin. Zav. lab. 33 no 6 678-679 '67.
- Rapid separation of some organic substances by gas-liquid chromatography. K. V. Alekseeva, Neftekhim. 7 no 6 200-205 N-D '67.
- Sensitivity of fast neutron activation analysis for oxygen determination. O. K. Nikolaenko, A. S. Shitan. Zav. lab. 33 no 9 1102-1105 '67.
- Separating glucanase from transglucosylase by chromatography on diethylaminoethylcellulose. G. M. Dobrolinskaya. Perm. i sp. prom. 32 no 4 29-24 '66.
- Separation of alkylthioalkyl phosphonates on aluminum oxide. A. N. Beisenov and others. Zhur. prikl. khim. 40 no 11 2521-2525 N '67.
- Some corrections to the method of activation tracers. G. A. Kopychinskii, V. B. Klimentov, V. A. Nikonov. Atom. energ. 24 no 1 68-69 Ja '68.
- Study of steroid estrogens by means of thin layer chromatography on silica gel in the form of products of their couplings. A. L. Remizov, M. V. Pavlova, L. M. Berstein. Probl. endok. 13 no 6 105-108 N-D '67.
- Studying the polydispersion of polyester-carbonates by the chromatographic adsorption method. I. G. Sushchik and others. Plast. massy no. 10 37-38 '67.
- Theory of chromatography without gas carrier. A. A. Zhukhovitski and others. Zhur. fiz. khim. 41 no 10 2640-2646 O '67.
- Thermographic unit for conducting physicochemical research. R. L. Magunov and others. Zhur. fiz. khim. 41 no 9 2399-2401 S '67.
- Thin-layer chromatography of rare elements. Part I. Separation and identification heptavalent rhenium, hexavalent molybdenum, pentavalent vanadium and hexavalent tungsten in the medium of anhydrous and water mixed solutions of alcohols. D. S. Gabaikin, M. N. Aturlian. Arm. khim. zhur. 20 no 9 668-700 '67.
- Use of 14 MeV neutrons in the activation analysis for nitrogen determination in pure niobium, I. A. Barit and others. Zav. lab. 33 no 9 1108-1109 '67.
- Use of γ -quanta emitted in radiative capture of neutrons in determining the cadmium and boron contents in enriched products. I. N. Plaksin and others. Zav. lab. 33 no 9 1100-1102 '67.
- Use of the method of nuclear gamma-resonance in determining the manganese content in iron alloys and steels. P. L. Gruzin, V. I. Sheslin, L. A. Alekseev. Zav. lab. 33 no 9 1111-1112 '67.

Use of thin layer chromatography method for the determination of corticosteroids in blood flowing from the adrenal glands and in the adrenal tissues in rats. T. I. Ivanenko, R. N. Shchedrina, M. I. Kandori. Probl. endok. 14 no 1 73-79 Ja '68.

Using chromatographic methods for the analysis of flotation reagents. L. A. Baranov, Sh. Sh. Gubati, I. M. I. Stankevich. Roks. i khim. no 1 13-18 '68.

543 7 INORGANIC ANALYSIS MOISTURE, IMPURITIES, ETC

- Accuracy of electronic petrochemical moisture meters. I. I. Klugman. Izv. v. uch. zav. i neftekhim. 8 no 12 99-102 '65.
- Coprecipitation of tungsten with metal hydrides. V. I. Plotnikov, V. I. Kochetkov. Zhur. neorg. khim. 13 no 1 203-206 Ja '68.
- Determination of sulfur impurity in tetralin. M. M. Podorozhanski, L. M. Zaidits, I. I. Pavlov. Zav. lab. 33 no 6 697-698 '67.
- Indirect method of determining elements through their elements in their organic compounds. A. M. Dymov, A. S. Kalabina. Izv. v. uch. zav. i neftekhim. 8 no 1 182-184 '68.
- Nature of primary products of iron deoxidation by aluminum. A. A. Vorobiev, A. M. Ievm, S. N. Fomina. Izv. v. uch. zav. i neftekhim. 8 no 1 74 79 '67.
- Removal of nickel, cobalt, iron, zinc, and copper impurities from magnesium sulfate solution by coprecipitation with magnesium hydroxide. V. I. Doroshkov, V. T. Chuyko. Izv. v. uch. zav. i neftekhim. 8 no 10 1087-1089 '67.
- Studying the Nd³⁺ optical centers in CaF₂ · 2H₂O · 4H₂O crystals (type 1). I. U. K. Voronko, R. G. Mikheev, V. V. Osiko. Zhur. eksp. i teor. fiz. 55 no 2 181-186 Ja '67.
- Using extraction chromatography for the increase of sensitivity of yttrium analysis for the content of rare earth elements. M. G. Zemskova and others. Zav. lab. 33 no 6 667-671 '67.
- Volumetric method of determining silicon dioxide in coal ash. P. S. Odopova, Khim. teol. no 6 152-154 N-D '67.

543 8 ORGANIC ANALYSIS

- Analysis of a mixture of isomeric toluene tends. A. I. Kaminskii and others. Zav. lab. 33 no 9 1093-1094 '67.
- Coulometric determination of water in the presence of hydrogen peroxide, peracetic acid and diacetyl peroxide. G. F. Nichegovskii, I. V. Vinogradova, A. P. Zolotarev. Zhur. prikl. khim. 40 no 11 2536-2539 N '67.
- Determination of furfural and furfuryl alcohol in technical furfuryl alcohol. A. P. Zorvika, E. V. Vinogradova, I. I. Mikhailova. Zav. lab. 33 no 9 1069-1071 '67.
- Device for studying high-temperature oxidation of polymers. B. A. Gromov and others. Plast. massy no 10 55 '67.
- Dual-character reactivity in oxypiperidine radicals in reactions with aromatic amines. V. V. Khazimov, F. T. Denisov. Izv. AN SSSR, Ser. Khim. no. 12 2764-2766 D '67.
- Petroleum hydrocarbons. I. D. Rossini. Neftekhim. 7 no 6 906-916 N-D '67.
- Use of statistical methods of planning experiments for establishing optimal conditions for the determination of antipyrine. V. G. Belikov, N. I. Korovin-Shepeliuk, S. Kh. Mutsucva. Zav. lab. 33 no 9 1099-1102 '67.

546 INORGANIC CHEMISTRY

- Anodic oxidation of liquid gallium electrode. I. I. Farzullin, C. V. Nikitin, N. N. Gudina. Elektrokhimia 3 no 12 1497-1498 D '67.
- Chromoelectrode method of investigating the interaction of sodium hydroxide with mixtures of acids and salts of weak bases. A. P. Koshchik, T. A. Khudolova. Zhur. neorg. khim. 13 no 120-26 Ja '68.
- Effect of carbon monoxide and iodine ions on the kinetics of cathodic evolution of hydrogen from acid solutions. A. T. Shkharov, I. A. M. Kolotykin. Elektrokhimia 3 no 12 1482-1484 D '67.
- Effect of inorganic salts and their combinations on the kinetics of Portland cement hardening. E. I. Ved', Nguyen-van-Thien, T. Sement. 33 no 6 10-11 N-D '67.
- Electroreduction of anions on indium amalgam drop electrodes. N. V. Nikolaeva-Fedorovich, E. V. Iakovleva-Stenina, K. V. Rybalka. Elektrokhimia 3 no 12 1502-1506 D '67.
- Fifty years of development of inorganic chemistry in the Soviet Union. V. I. Spitzayn. Usp. khim. 36 no 11 1883-1900 N '67.
- Infrared spectra of binary systems formed by selenic acid with acetic and chloroacetic acids. T. G. Balicheva, A. V. Iakovleva, I. U. A. Fialkov. Zhur. neorg. khim. 12 no 11 3219-3218 N '67.
- Iron and zinc content in dietetic rations and food products of the Carpathian Mountain region. N. V. Sosova. Vop. pit. 26 no 2 80-81 Mr-Apr '67.
- Isotopic study of ozone formation reaction in decomposition of sulfuric solutions of peroxodisulfate. A. I. Blum, V. A. Lunenok-Burmakina, I. A. Saika. Zhur. neorg. khim. 12 no 11 3227-2231 N '67.
- Kinetics of hydrogen evolution on silver from buffer phosphate solutions. V. I. Bystron, L. I. Kirshchik. Elektrokhimia 3 no 12 1499-1501 D '67.
- Physicochemical study of phosphorites subjected to hydrothermal and ultrasonic treatment. A. S. Novotorov, D. N. Kovatenko, V. I. Tretinnik. Khim. prom. Uki. no 6 8-9 '67.

(Continued)

- 546.1 (Continued)
Reaction of boric and lactic acids in aqueous solutions
G. Kalacheva, N. A. Kharzhanov, Zhur. neorg. khim.
13 no. 1:207-209 Ja '68
Inorganic chemistry on the 50th anniversary of the
Great October revolution Zhur. neorg. khim., 12 no. 11
551-2894 N '67.

546.1(477)—Ukrainian S. S. R.

- 17th Ukrainian Conference on Inorganic Chemistry
Zhur. khim. zhur. 32 no. 10:1139-1112 '66

546.2 ISOTOPES

- Analysis scheme of Br-74 B. N. Beliaev, V. I. Gudov, L. M. Y.
Fizizhansk. Izv. AN SSSR Ser. fiz. 32 no. 1:137-138
Ja '68
Decay scheme of I^{130} N. A. Bonch-Osmolovskaya
and others. Izv. AN SSSR Ser. fiz. 32 no. 1:98-110
Ja '68

- Excited level of the Hf nucleus. Part 1. Sh.
Vashchuk V. I. Mamashevskiy. Izv. AN SSSR Ser.
fiz. 32 no. 1:150-156 Ja '68

- From letters to the editor. Izot. v SSSR no. 5:33 '66.

- Measuring the effective magnetic fields on Co^{60} nuclei
in diluted solid solutions of Co in Pd. V. P. Patsenova
and others. Zhur. eksp. i teo. fiz. 53 no. 2:492-497
Ja '67.

- Measuring the spontaneous fission periods of Cf^{252} and
 Cf^{254} isotopes. N. K. Skoblev, B. A. Gvozdev, V. A.
Druin. Atom. energ. 24 no. 1:65-66 Ja '68

- New isotopes Os^{170} and Os^{176} . Identification and
 γ -spectra of isotopes Re^{170} , Re^{176} , Re^{177} , Os^{170} ,
 Os^{176} , and Os^{181} . B. N. Beliaev and others. Izv. AN
SSSR Ser. fiz. 32 no. 1:95-95 Ja '68

- Preparing sources of Co^{57} for the study of nuclear
gamma resonance (IA G R) on iron nuclei. R. A.
Stukan. Izot. v SSSR no. 5:23-25 '66

- Properties of the excited states of F^{165} . T. Kucarova,
V. Zolotare, M. Veis. Izv. AN SSSR Ser. fiz. 32 no. 1
125-134 Ja '68

- Self-diffusion of Cs^{131} and I^{131} in cesium iodide single-
and polycrystals. S. M. Klotman and others. Fiz.
tver. tela 9 no. 9:2187-2502 S '67

- Short-lived states Ag^{108} , Ca^{134} , and Th^{160} excitable
in the reaction (α, γ) . I. N. Rozanov, V. V. Estulin. Izv.
AN SSSR Ser. fiz. 32 no. 1:81-85 Ja '68

- Spin and parity of the ground state of La^{132} . A. V.
Akhshchenkov and others. Izv. AN SSSR Ser. fiz. 32
no. 1:122-125 Ja '68

- State of the introduction of radioisotope devices into the
chemical, petroleum refining, and petrochemical in-
dustries. V. M. Kluchnikov. Izot. v SSSR no. 5:1-5 '66.

- Stripping reaction (dp) on the enriched targets Ce^{141} and
 Ce^{142} . I. U. A. Nemilov and others. Izv. AN SSSR Ser.
fiz. 32 no. 1:159-163 Ja '68

- Study of the behavior of niobium in the processes of
separation of niobium and titanium in sulfate-peroxide
and oxalic acid solutions using radioactive isotope Nb^{95}
A. A. Batsuev, A. S. Chernik. Zhur. prikl. khim. 40
no. 11:2393-2398 N '67.

- Studying the decay scheme of Re^{184} . V. A. Ageev and
others. Izv. AN SSSR Ser. fiz. 32 no. 1:119-121 Ja '68

- Studying the spectra of α - γ coincidences in Th^{160} and
 Ce^{141} decays. Z. N. Klimoshchik, A. A. Sorokin. Izv.
AN SSSR Ser. fiz. 32 no. 1:139-145 Ja '68

- Use of the differential method in measuring the angular
correlation of the $133 \rightarrow 482$ Kev cascade in Th^{160} .
V. P. Rozhko, V. A. Kluchnikov, I. U. V. Golovchenko.
Izv. AN SSSR Ser. fiz. 32 no. 1:164-171 Ja '68

- Using radioactive isotopes to study processes of the deep
purification of substances. I. A. D. Zolotarevskiy, A. A.
Efremov, V. A. Shalygin. Izot. v SSSR no. 5:25-30 '66.

- Using radioisotope apparatus and methods at the I. A.
Likhachev Automobile Plant in Moscow. M. I. Tolokon-
nikov, V. P. Oreshin, P. V. Tikunov. Izot. v SSSR no. 5
31-32 '66.

546.1 NONMETALS, METALLOIDS

- Activity coefficients of sodium, potassium, and
magnesium nitrites. N. P. Chekhunova, P. I. Protchenko.
Zhur. fiz. khim. 41 no. 9:2206-2268 S '67

- Acylation of perfluoroketones as a new 1,4-dipole
system. I. U. V. Zulfman and others. Zhur. ob. khim.
37 no. 11:2476-2486 N '67.

- Behavior of graphite anodes in the electrochemical pro-
duction of sodium chlorate: effect of sodium chromate
addition and importance of pH electrolyte. T. S. Filippov
and others. Zhur. prikl. khim. 40 no. 11:2488-2491 N
'67.

- Behavior of potassium metaphosphate on heating. A. B.
Bekturov and others. Zhur. neorg. khim. 13 no. 1:11-
15 Ja '68.

- Coordination compound of β -picoline and boron trifluoride
 $3\text{-Cl}_2\text{C}_6\text{H}_4\text{N} \cdot \text{BF}_3$. I. G. Ryaz, S. L. Idol's. Zhur.
neorg. khim. 13 no. 1:166-169 Ja '68.

- Coordination compounds of thallium nitrate and alkaline
earth metal nitrites. P. I. Protchenko, M. A. Bykova,
O. A. D'achenko. Izv. vuzov, zav., khim. i khim. tekhn.
10 no. 10:1083-1086 '67

- Dependence of the molecular weight of Madrell's salt on
the temperature and duration of heating. N. M. Dombrov-
skiy. Ukr. khim. zhur. 32 no. 10:1061-1066 '66.

- Determination of optimum conditions for oxidation of phos-
phites by iodine. N. S. Masalovich and others. Zav. lab.
33 no. 9:1053-1055 '67.

- Dissociation pressure of potassium, rubidium, and cesium
polyiodides. A. V. Babkov, B. D. Stepin. Zhur. neorg.
khim. 13 no. 1:11-14 Ja '68.

- Effect of acidity on the yield of chemical forms of phos-
phorus atom recoil. R. V. Bogdanov, A. N. Murin.
Zhur. ob. khim. 37 no. 11:2425-2431 N '67.

- Effect of infection on the distribution of arsenic in the
rabbit brain. S. A. Clements, A. I. Prokofyuk.
Dokl. AN SSSR 11 no. 11:1039-1041 N '67

- Effect of the ionic composition of a solution on ammonia
diffusion in water and saturated steam. O. I. Martynova
and others. Teploenergetika 14 no. 12:39-42 D '67

- Electrodeposition of silver, copper alloy from pyrophos-
phate electrolyte. G. K. Burkat and others. Zhur. prikl.
khim. 40 no. 11:2497-2501 N '67.

- Interaction between zirconium tetrachloride and metallic
zirconium. S. I. Troianov and others. Atom. energ.
21 no. 1:52-56 Ja '68.

- Interaction of niobium and tantalum pentafluorides with
chylamines. I. U. A. Buslov and others. Zhur. neorg.
khim. 13 no. 1:63-65 Ja '68

- Kinetics of nitrogen separation from liquid metals in
vacuum. A. L. Sobolevskiy, B. V. Lanchevskiy. Izv. vuz.
ucheb. zav. chem. met. 11 no. 1:62-66 '68

- Mechanical properties of a solid parahydrogen at 1.2°K
D. N. Bol'shutkin, I. F. Stetsenko, Z. N. Lushik. Fiz.
tver. tela 9 no. 9:2482-2486 S '67

- Mechanism of vapor-phase interaction of alkenes with
nitrogen dioxide. Effect of reactor diameter, of N_2 ,
 CO_2 , H_2 , NO , nitrile, and alkyl nitrite additives on
the slow and cold-flame reactions of C_2H_4 with NO_2 .
S. I. Molchanova, A. P. Baidov, V. I. A. Shern. Neftekhim-
iya 7 no. 6:890-899 N-D '67.

- Method for detection of phosphines in waste gas of
potassium dibutyl dithiophosphate production. M. M.
Kushnir, V. N. Vasil'kov. Khim. prom. Ukr. no. 6
5 '67.

- Method of determining iodine in natural sodium chloride
and in noniodized table salt. L. N. Lapin, D. V. Reis.
Vop. pit. 26 no. 2:26-29 M-Ap '67.

- Normal vibrations of hydroxylamine molecules. I. U. A.
Kharitonov, M. A. Sarukhanov. Zhur. neorg. khim. 13
no. 1:71-78 Ja '68.

- Once again on the methods of determining arsenic in
sulfur. E. Kh. Zemskaya. Khim. i khim. no. 1:40-11
'68

- Oxygen ionization of "three-phase boundary" in acid
solutions. Part 2: Effect of phosphoric acid concentra-
tion on the process kinetics. L. A. Maritov, N. A.
Fedotov. Elektrokhimiya 3 no. 12:1477-1481 D '67

- Phototurbidimetric determination of small amounts of
chlorides in anhydrous acetic acid. V. A. Borik, L. A.
Shvyrikova. Izv. vuz. ucheb. zav., khim. i khim. tekhn.
10 no. 10:1094-1096 '67.

- Preparation and properties of reduced phosphonobismuth
molybde heteropolyacid and its salt. M. I. Zabeova and
others. Zhur. neorg. khim. 13 no. 1:127-131 Ja '68

- Pressure of saturated vapors over solutions of nitrogen
oxides in nitric acid of high concentration. M. M.
Koravayev, V. A. Arkovskiy. Zhur. prikl. khim. 40
no. 11:2139-2143 N '67.

- Rates of dissolution of natural borates in H_2PO_4 solutions.
V. M. Imantulinova. Zhur. prikl. khim. 40 no. 11:
2550-2558 N '67.

- Reaction of aryltrichloromethylphosphonic acid esters
with amines. F. M. Kharaeva and others. Zhur. ob.
khim. 37 no. 11:2532-2539 N '67.

- Solubility of lanthanum and cerium in their fused tri-
chlorides. O. G. Pollachenok. Zhur. neorg. khim. 13
no. 1:200-202 Ja '68.

- Solubility of the systems consisting of copper phosphate
sodium phosphate, and water at 25° and 50° C. I. G.
Druzhinin, L. A. Tushava. Izv. vuz. ucheb. zav., khim. i
khim. tekhn. 10 no. 10:1075-1078 '67

- Some reactions of trifluoropyrivate with nucleophilic
reagents. I. L. Kunitsa, N. M. Gamberlan, V. V. Tu-
lenova. Izv. AN SSSR Ser. khim. no. 12:2682-2686
D '67.

- Spectrophotometric determination of oil content of liquid
ammonia. G. A. Isaian, A. P. Volkova, E. A. Movsisian.
Zav. lab. 33 no. 9:1085-1086 '67.

- Study of the interaction of iodine chloride with some
alcohols and organic acids. R. R. Suprun. Farmatsev.
zhur. 22 no. 4:70-73 '67.

- Study of the reversible reaction of ruthenium (III) hydrox-
oethylenediamine tetraacetate with oxygen. N. A.
Dzenskaya, T. P. Solovykh. Zhur. neorg. khim. 13 no. 1
187-191 Ja '68.

- Vapor pressure of arsine, phosphine, and hydrogen
sulfide. A. D. Zorin, S. G. Krasova. Izv. vuz. ucheb.
zav., khim. i khim. tekhn. 10 no. 10:1097-1100 '67.

546.1(571)—Asianic R. S. F. S. R.

- Lithologic and stratigraphic distribution of phosphatization
in the formations of the Salali Ridge and the southwest-
ern Kuznetsk Basin. T. M. Pitter, I. V. A. I. d. d. Geog.
ob-va SSSR no. 7:92-98 '66.

546.1(574)—Kazakh S. S. R.

- Bromine in Paleozoic halites of the Chu-Sarysu depression
of South Kazakhstan. A. A. Goltseva, E. A. Parfen-
skaya. Lit. i pol. iskop. no. 6:77-79 N-D '67.

546.2 NONMETALS, METALLOIDS OF SIXTH AND OTHER GROUPS

- Activation determination of impurities in silicon and
arsenic. P. I. Ardukhin and others. Zav. lab. 33 no. 6:
676-678 '67.

- Absorption of hydrogen sulfide and propane mixtures on
NaX zeolites. B. P. Beiring, V. V. Serpinskiy, S. I. Sur-
nova. Izv. AN SSSR Ser. khim. no. 12:2693-2610 D '67

- Aqueous solutions of hydrogen peroxide and sulfonic
acid. A. S. Chernik, V. A. Fehmutnikov. Zhur. neorg.
khim. 13 no. 1:210-213 Ja '68.

- Argon in soluble and insoluble fractions of sedimentary
rocks. V. V. Chodintsev and others. Izv. AN SSSR.
Ser. geol. no. 1:62-69 Ja '68

- Calculation of carbon solubility in ferrosilicomanganese
and ferrosilicobromine in quasi-chemical approximation.
M. S. Petrushevskiy, P. V. Gelf'd. Zhur. prikl. khim. 40
no. 11:2389-2405 N '67

- Contain statistical regularities of thermodynamic conver-
sion into slag during industrial combustion of coals used in
power engineering. A. Z. Uroviskiy and others. Khim.
tver. topl. no. 6:135-144 N-D '67.

- Comparison of photometric reactions of selenium and
method for its determination in ores by dilution. D. P.
Shecherbov, A. I. Iankov, G. P. Gladysheva. Zav. lab.
33 no. 6:683-688 '67.

- Composition and properties of air in a system with a
gradient temperature. I. A. Krut'nyy, I. I. Plof'nyy.
temp. 5 no. 5:936-938 S-O '67.

- Effect of iodine on the electroconductivity of liquid seleni-
um. B. V. Sokolov, B. V. Betshev, Ucheb. zap. Ped. inst.
Gerts. 303:181-185 '66.

- Effect of sodium chloride on cation exchange in the sys-
tem $\text{CaSO}_4 - \text{Na}^+ - \text{zeolite} - \text{H}_2\text{O}$. A. M. Kuznetsov
V. A. Kuznetsov. Zhur. neorg. khim. 13 no. 1:277-239
Ja '68.

- Effect of solvent and composition of aqueous phase on
extraction of germanium 8-hydroxyquinoline. L. V.
Kovtun, N. P. Rudenko. Zhur. neorg. khim. 12 no. 11:
3123-3127 N '67

- Effect of the composition of ferrosilicomanganese and
ferrosilicobromine on the activity coefficient of carbon.
M. S. Petrushevskiy, P. V. Gelf'd. Zhur. prikl. khim. 40
no. 11:2389-2405 N '67

- Heat of mixing of ethanol-water solutions. I. A. V. Zolotare.
Teor. i prikl. prom. 32 no. 1:11-11 '66.

- Hydrolytic polycondensation of methyl- β -3,4-epoxycyclo-
hexyl ethyldioxyethane. G. P. Doshkareva, K. A.
Andrianov, M. A. Golubenko. Izv. AN SSSR Ser. khim.
no. 12:2673-2678 D '67.

- Infrared spectra of products of interaction of magnesium
and copper cations with silicic acid. A. M. Shevlovskiy,
G. N. Kuznetsova, V. B. Aleksovskiy. Izv. AN SSSR.
Neorg. mat. 3 no. 11:2082-2087 N '67.

- Isotopic study of ozone formation reaction in decomposi-
tion of sulfuric solutions of peroxodisulfate. A. I. Blum,
V. A. Lunochko-Burmakina, I. A. Saika. Zhur. neorg.
khim. 12 no. 11:2927-2931 N '67

- Kinetics of titanium oxidation by oxygen at high tempera-
tures. V. I. Tikhomirov, V. I. D'achenko, Zhur. prikl.
khim. 40 no. 11:2405-2413 N '67.

- Manganoborates: synthesis of alkali metals and ammonium.
E. M. Shvarts, A. A. Bernina, A. Jevins. Zhur. neorg.
khim. 13 no. 1:170-183 Ja '68.

- Method for locating impurities of methanol in water-alco-
hol solutions by gas chromatography. V. P. Giazarov
and others. Teor. i prikl. prom. 32 no. 5:7-9 '66

- Performance of a foamer at high gas pressures. E. I. A.
Tatart, S. A. Bogatykh. Khim. i neft. mashinost., no. 4:
18-20 Ap '65.

- Performance of blast furnaces operating on combined
blowing with 30.7% oxygen concentration. V. N.
Andonov and others. Metallurg. 12 no. 5:6-8 My '67.

- Photoeffect in negative charges in liquid helium. I. A.
Pomir. Fiz. i teo. Zhur. eksp. i teo. fiz. 6 no. 11:
960-964 D '67

- Polycarbonates. V. V. Korshak and others. Usp. khim.
36 no. 12:2068-2089 D '67.

- Preparation of bis(dimethylmethoxy)silyl-cyclopentadienyl
titanium dichloride. G. V. Drozdov and others. Zhur. ob.
khim. 37 no. 11:2558-2559 N '67.

- Processing of water-alcohol solutions with powdered
activated carbon. V. A. Smirnov and others. Term. i
spirt. prom. 32 no. 5:10-14 '66.

- Properties of triethylgermyl hydroselenide and related
compounds. N. S. Viazankin and others. Zhur. ob. khim.
37 no. 11:2576-2580 N '67.

- Pulsed polarographic determination of sulfur in iodine
and products of rectification of chlorides. B. I. A. Kap-
lan, G. I. Kuchmistala. Zav. lab. 33 no. 9:1055-1057
'67.

- Rapid chronopotentiometric method of determining mix-
tures of sulfuric acid with different acids in aqueous
solutions. T. A. Kuchmistala. Zhur. prikl. khim. 40
no. 11:2448-2452 N '67

- Reaction of germanium with trihydroxyfluorones. V. A.
Nazarenko, G. V. Filanikova, A. M. Andrianov. Zhur.
neorg. khim. 12 no. 11:3072-3075 N '67.

- Reactions of dicarboxylic acids with dilute sulfuric acid.
R. A. Kiseleva, M. S. Dudkin. Zhur. prikl. khim. 40
no. 11:2513-2521 N '67.

- Rearrangement of organosulfon mercaptals. M. F. Shos-
takevskiy and others. Izv. AN SSSR Ser. khim. no. 12:
2578-2581 D '67.

- Redesigning hose-type semiautomatic machines for CO_2
welding with simultaneous cleaning of wires. I. A.
Bondarenko. Avtom. svar. 20 no. 6:57-60 My '67.

- Reduction of tetravalent selenium with zinc amalgam.
V. V. Volokova, E. F. Spornskaya. Zhur. neorg. khim.
12 no. 11:3035-3010 N '67.

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- EPR method for studying exchange interactions in polyradical systems. G. M. Zhidomirov, A. L. Buchachenko. *Zhur. strukt. khim.* 8 no. 6 1110-1134 N-D '67
- Effect of the nature of cathode material on the kinetics of quinoline electroreduction. Part 2. N. E. Khomulov, V. V. Zolotarev. *Elektrokhimiya* 3 no. 12 1427-1432 D '67
- Electronic influence of substituents containing phosphorus. Part 4. Nucleophilic constants of diphenylphosphine, diphenylphosphinyl, diphenylthiophosphinyl, and methyl-diphenylphosphonium groups. E. M. Tsvetkov, M. M. Makhamatkhani, M. I. Kalachnikov. *Teor. i eksp. khim.* 3 no. 6 824-829 N-D '67
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- Determination of the basicity of ferrocenylcarbinol. A. N. Nuzmetanov, M. D. Reshetova, E. G. Porovaysha. *Izv. AN SSSR Ser. khim.* no. 12 2746-2748 D '67
- Development of the chemistry of organometallic compounds in the U.S.S.R. O. I. Ukhlovskiy, Zhur. ob. khim. 37 no. 11 2376-2392 N '67
- Method for determination of organic nitrogen traces in seawater by the Krogg and Keys method. A. V. Simolin, I. U. Zelenina. *[Trudy] Mo. gidr. inst. AN USSR* 38 153-159 '67
- Reactions between certain organotin compounds and carbon tetrachloride in the presence of freshly precipitated copper. G. A. Razuvaev, O. S. D'achkovskaya, V. I. Fionov. *Dokl. AN SSSR* 177 no. 5 1113-1115 D '67
- Study of alkoxysilanes. Part 20. Alkaline hydrolysis of methylmethoxysilanes and tetraethoxysilane. M. G. Yonovskiy, L. A. Zhagata. *Zhur. ob. khim.* 37 no. 11 2551-2553 N '67
- Study of monoorganosilanes. Part 13. Addition of monoorganosilanes to unsaturated compounds. G. N. Korolova, V. O. Reikhsfel'd. *Zhur. ob. khim.* 37 no. 11 2559-2564 N '67
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- Advances of the chemistry of organophosphorus compounds in the U.S.S.R. A. N. Pudovik, I. V. Gur'yanova, R. A. Cherkasov. *Zhur. ob. khim.* 37 no. 11 2393-2420 N '67
- Aldehydes and their role in sparkling red desert wines. G. G. Agalabekants, G. A. Gavrilsh. *Izv. vya. ucheb. zav. pishch. tekhn.* no. 6 46-49 '67
- Amido esters of phosphorothioic acid. I. A. Mandelbaum and others. *Zhur. ob. khim.* 37 no. 11 2540-2544 N '67
- Complex formation in the systems $CuBr_2 - C_6H_5I_2N_2 - CH_3OH$ and $CuCl_2 - C_6H_5I_2N_2 - NaCl - H_2O$. I. M. Mel'nikhenko, E. A. Glunov. *Zhur. neorg. khim.* 13 no. 1 170-172 Ja '68
- Conversion of alcohols on blue molybdenum oxide. V. A. Naumov, A. A. Balanda, A. A. Tolstopiatova. *Zhur. fiz. khim.* 41 no. 10 2629-2633 O '67
- Dehydrocyclization of n-heptane and n-heptenes on an oxide catalyst. I. U. M. Zhorov, G. M. Panchenko, L. G. Rudyk. *Neftekhimiya* 7 no. 6 868-870 N-D '67
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- Derivatives of fluoroanhydride of isocyanatotrithloromethylphosphonic acid. V. A. Shokol, V. F. Gamalela, G. I. Derkach. *Zhur. ob. khim.* 37 no. 11 2526-2532 N '67
- Effect of some organolead compounds and light on the oxidation of tetraethyllead by oxygen. B. V. Emel'yanov and others. *Zhur. prikl. khim.* 40 no. 11 2501-2506 N '67
- Effect of the addition of some oxides of rare and rare earth elements on the activity of cobalt catalysts in the synthesis of hydrocarbons from carbon monoxide and hydrogen. T. F. Bulanova, I. A. Eidus, N. S. Sergeeva. *Izv. AN SSSR Ser. khim.* no. 12 2733-2737 D '67
- Effect of the nature of solvent on the reaction of catalytic decomposition of diazo acetate in the presence of olefin. V. A. Tshokhteev, I. S. Lushanskii. *Izv. AN SSSR Ser. khim.* no. 12 2620-2623 D '67
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- Kinetic clarification of the dehydrogenation of propene. G. M. Panchenko, A. S. Kazanskii, A. D. Prutenko. *Neftekhimiya* 7 no. 6 858-861 N-D '67
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- Mechanism of the breakdown of propylene in the presence of ethane. R. A. Kulimbekov and others. *Izv. AN SSSR* 177 no. 5 1095-1098 D '67
- Mechanism of vapor-phase interaction of alkanes with nitrogen dioxide. Effect of reaction conditions on the rate of reaction. CO₂, H₂, NO, aldehyde, and alkyl nitrate derivatives. S. I. Molodtsov, A. P. Ballez, V. I. Akulovskiy. *Neftekhimiya* 7 no. 6 880-888 N-D '67
- Method for the determination of metal and metalloids in organometallic compounds. G. G. Pechenkin, I. A. Guseva. *Zav. lab.* 33 no. 9 1072-1074 '66
- Method of phosphorylation of group IV, V, and VI elements (carbon, tin, titanium, antimony, and molybdenum). G. G. Gladsteyn, V. G. Noskov, L. Z. Sobolevskiy. *Zhur. ob. khim.* 37 no. 11 2511-2512 N '67
- Petroleum hydrocarbons. P. D. Rosalov. *Neftekhimiya* 7 no. 6 886-891 N-D '67
- Possibility of the application of NMR spectra for solving the problems of configuration of aromatic systems. I. A. Grandberg, V. B. Golubev, O. R. Khokhlov. *Zhur. ob. khim.* 37 no. 6 1021-1026 N-D '67
- Production of some difunctional derivatives of tetraamino. E. T. Golovin, A. P. Nikiforova, V. H. Golovin. *Izv. vya. ucheb. zav. khim. i khim. tekhn.* 10 no. 10 1131-1131 '67
- Radical copolymerization of vinyltrimethylphenylsilanes with styrene and methyl methacrylate. S. I. Nametkin, S. G. Burgetskiy, V. G. Filipova. *Dokl. AN SSSR* 177 no. 1 853-855 D '67
- Reaction of acid phosphites with alcohols. V. B. Aleksandrov, V. I. Mel'nikov. *Zhur. ob. khim.* 37 no. 11 2505-2507 N '67
- Reaction of aryltrichloromethylphosphonic acid esters with amines. I. M. Khachatryan and others. *Zhur. ob. khim.* 37 no. 11 2507-2510 N '67
- Reaction of bis(trimethylsilyl)mercury with some triamines and their N-halogen derivatives. V. I. Kuznetsov, S. A. Shevotey, A. A. Panchenko. *Izv. AN SSSR Ser. khim.* no. 12 2708-2711 D '67
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- Reaction of potassium salt of trimethylsilylmercury with chlorides in acetone. B. G. Sankov and others. *Izv. AN SSSR Ser. khim.* no. 12 2760-2771 D '67
- Reaction of 2,3-epoxybutyric aldehyde with some substituted amines and its N-alkyl- and N,N-dialkyl-substituted derivatives. I. A. Ivanovskiy, I. I. Kuznetsov, V. E. Kucherov. *Izv. AN SSSR Ser. khim.* no. 12 2702-2702 D '67
- Reactions of half esters of phosphoric acid, ethylphosphonic acid and thiophosphoric acids with some substituted phosphonic esters. A. N. Pudovik, I. V. Gur'yanova, V. A. Zimin. *Zhur. ob. khim.* 37 no. 11 2508-2512 N '67
- Reactions of organotin and organomagnesium compounds with carbonyl derivatives of butene and propene. A. I. Ilov, A. I. Zakharkin. *Izv. AN SSSR Ser. khim.* no. 12 2653-2662 D '67
- Removal of the... *Neftekhimiya* 7 no. 6 858-861 N-D '67
- Regulating function of Mn catalyst in the oxidation of isobutane and n-butane. I. I. Kozlovskiy. *Izv. AN SSSR Ser. khim.* 37 no. 10 1001-1005 '66
- Seventh World Petroleum Congress. P. I. Svinin. *Neftekhimiya* 7 no. 6 917-918 N-D '67
- Silicon-containing acid amides. Part 3: Preparation of dialkylamides of methylalkylacetic acids. I. F. Maslit, I. L. Dobrosereva. *Zhur. ob. khim.* 37 no. 11 2554-2558 N '67
- Solvolysis of n-propyl-1-C14 - tosylate. T. N. Shalkina, A. N. Lovtsova, O. A. Reutov. *Izv. AN SSSR Ser. khim.* no. 12 2748-2749 D '67
- Some dialkylaminoethylamides of theobromine-β-acetyl acid. L. A. Gutorov, E. S. Golovchinskaya. *Izv. AN SSSR Ser. khim.* 1 no. 7 45 Ji '67

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- Some methylamine complex compounds of cobalt (III), I. I. Chernichenko and others. *Zhur. neorg. khim.* 13 no 1 157-160 1a '68
- Studies on the oxidation of hydrocarbons in the U, S, S, R, in the last 50 years. N. M. Emanuel', *Neftekhimika* 7 no 6 827-841 N-D '67
- Study of conjugation in systems with tetra- π -central phosphorus atom. Effect of the nature of substituents on the reactivity of phosphoranes. V. A. Galitskiy, A. M. Maksimov, M. I. Kuchin', *Zhur. ob. khim.* 37 no 11 2501-2505 1a '67
- Study of fatty acids of the brain. G. P. Solov'eva, G. G. Kuznetsova, L. A. Zolotareva. *Nerv. sist.* no 8 33-38 '67
- Symposium No. 18. New concepts and methods in the oxidation of hydrocarbons. I. V. Kaleshchik, *Neftekhimika* 7 no 6 918-924 N-D '67
- Synthesis and some chemical properties of acid hydrosulfide phosphines. E. E. Nifant'ev, A. I. Zaslavskiy, I. V. Komlev. *Zhur. ob. khim.* 37 no 11 2197-2200 N '67
- Synthesis of acids of the α -cyclopentadienyl series. A. N. Nesmetanov and others. *Dokl. AN SSSR* 177 no 5 1119-1122 D '67
- Synthesis of 5-aminocaproic acid. M. A. Popov, *Zhur. prikl. khim.* 40 no 11 2612 N '67
- The synthesis of 5-nitro-2-nitronitrile. N. G. Volkova, I. A. Aleksandrova, *Khim. - farm. zhur.* 1 no 6 25-31 '67
- The synthesis of organic preparations and by-products on the basis of nitrobenzene. Report No. 13. The new synthesis of 1-(p-nitrophenyl)-2-nitro-1-propylene. P. M. Kucherikov, I. S. Rukova. *Khim. - farm. zhur.* 1 no 6 23-31 '67
- The synthesis of some agents blocking adrenergic neurons, derivatives of 1-(p-nitrophenyl)hydrazine. I. B. Siman and others. *Khim. - farm. zhur.* 1 no 6 11-15 '67
- Tertiary oxazolidinones. Na, Ca, CH_3COO and Na, K, Cs CH_3COO . G. G. Droganov, V. K. Shapovalov, *Trudy IPN* no 27, 60-63 '66
- Thermal stability of tri-tert-butyl- and tetra-tert-butylperoxides. A. N. Nesmetanov and others. *Dokl. AN SSSR* 177 no 4 859-861 D '67
- Transmercuriation in the interaction between bis-(fluoro-oxime)methyl mercury and polynitro compounds. L. V. Gekhtshina, G. I. A. Legin, A. A. Fainzil'berg. *Dokl. AN SSSR* 176 no 5 1086-1088 O '67
- Use of diethyl iodotelluride boron fluorides for the synthesis of organotellurium compounds. O. A. Pitsynina and others. *Dokl. AN SSSR* 177 no 1 862-864 D '67

547.3 UNSATURATED (ALKENE AND ALKYNE) COMPOUNDS

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- α -Ketovinylation. Report No. 2. β -Ketovinylation in the ferrocene series. A. N. Nesmetanov and others. *Izv. AN SSSR, Ser. khim.* no 12 2612-2618 D '67
- α -Ketovinylation. Report No. 1. β -Ketovinylation of cyclopentadiene anion. A. N. Nesmetanov, M. I. Rybnitskaya, I. M. Korneva. *Izv. AN SSSR, Ser. khim.* no 12 2619-2629 D '67
- α -Ketovinylation of acetylenic alcohols C_5 - C_9 . V. Z. Shul'ev, I. Kh. L'vichina, A. A. Naumov. *Izv. AN SSSR, Ser. khim.* no 12 2710-2726 D '67
- Catalytic hydrogenation of polychloroalkenes containing $\text{C}(\text{Cl})_3$ - CH_2 or CCl_2 - CCl_2Cl groups. I. A. Kost, R. Kh. L'vichina. *Izv. AN SSSR, Ser. khim.* no 12 2715-2718 D '67
- Certain cuproacetylenic reactions. Part 2. Clarification of the formation conditions of diacetylenes, vinyl chloride and vinylacetylene in hydrochloric acid solutions of copper chlorides. K. A. Kuznetsov, R. G. Karapetian. *Arm. khim. zhur.* 20 no 9 705-715 '67
- Chemical reactions of diene polymers. I. A. Tutsak, S. V. Novikov, B. A. Dogadkin. *Usp. khim.* 36 no 11 2028-2051 N '67
- Chemistry of ethers with unsaturated radicals. Part 6. 1,4-cleavage of 4-nitro-3-methyl-1,2-butadienes. G. M. Mikhan, E. E. Kaplanian, Sh. I. Mdzhoian. *Arm. khim. zhur.* 20 no 9 701-703 '67
- Chemistry of vinylacetylene. Part 76. Synthesis and transformations of 2,2,5-trimethyl-3-isopropenyl-ethyltetrahydrofuran-3-ol. S. A. Vartanian, D. L. Avetisyan, V. N. Zhamagoridian. *Arm. khim. zhur.* 20 no 9 741-746 '67
- Chromatographic analysis and identification of products of liquid-phase oxidation of olefins. B. I. Cherniak, A. M. Nikolaevskiy, R. V. Kucher. *Visnyk L'viv. un. Ser. khim.* no 9 98-102 '67
- Dehydrocyclization of n-heptane and n-heptenes on an oxide catalyst. I. U. M. Zhurov, G. M. Panchonkov, L. G. Rudiy. *Neftekhimika* 7 no 6 868-870 N-D '67
- Dehydrogenation of butane in its mixtures with ethylene under reduced pressure. K. P. Lavrovskiy, A. I. Rozentat', O. K. Khakhbulaeva. *Neftekhimika* 7 no 6 865-867 N-D '67
- Electrochemical carbonizer of liquid hydrocarbons for the production of highly dispersed carbon. D. S. Iosebidze, I. D. Melikidze. *Soob. AN Gruz. SSR* 47 no 1 61-66 31 '67
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- Experimental atherosclerosis in rats caused by deficiency of essential fatty acids. S. G. Apikar', F. L. Lelkes. *Vop. pit.* 26 no 3 62-67 My-Je '67

- Free radical reaction of methyl ester and nitrile of 3-methoxypropionic acid with 1-alkenes. I. U. M. Ogibin, L. M. Ilyina, G. I. Nikishin. *Izv. AN SSSR, Ser. khim.* no 12 2711-2715 D '67
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- Oxidative degradation of polyvinyl alcohol by means of potassium bromate. I. S. Okimenko, G. S. Smirnov. *Zhur. prikl. khim.* 40 no 11 2531-2535 N '67
- Production and some chemical properties of tetrafluoroethylene oxide. V. A. Ginsburg, M. N. Vasil'eva. *Zhur. ob. khim.* 37 no 11 2493-2497 N '67
- Radical polymerization of glycidol ethers of vinylthienyl-carbinols. S. G. Matsolan, L. A. Akopian. *Arm. khim. zhur.* 20 no 9 719-725 '67
- Solubility of amine salts of low-polarity solvents and the effect of diluents on the extraction properties of amine salts. V. S. Shmidt, V. N. Shesterikov, T. A. Mezher'. *Usp. khim.* 36 no 12 2167-2194 D '67
- Studies in the chlorination of organic compounds and transformation of chloro derivatives. Part 6. Divinyl-1-initiated substitution of hydrogen by chlorine in chloro derivatives of ethane and in cyclohexane. A. N. Akopian, M. A. Saakian. *Arm. khim. zhur.* 20 no 9 716-718 '67
- Studying the structure of isoelectronic dimers by infrared spectroscopy and nuclear magnetic resonance methods. I. U. G. Osokin and others. *Neftekhimika* 7 no 6 871-877 N-D '67
- Synthesis and properties of some organotin oxygen-containing compounds of the acetylenic series. I. M. Gvedisteli, S. V. Adamia. *Soob. AN Gruz. SSR* 47 no 1 55-59 11 '67
- Synthesis based on glycidol ether of dimethylethynyl-carbinol and its derivatives. S. G. Matsolan, L. A. Akopian, S. B. Gevorgian. *Arm. khim. zhur.* 20 no 9 726-734 '67
- Synthesis of alldihydroxymethyl phosphine. R. K. Valedinov and others. *Zhur. ob. khim.* 37 no 11 2522-2523 N '67
- The synthesis of 5-nitro-2-nitronitrile. N. G. Volkova, I. A. Aleksandrova. *Khim. - farm. zhur.* 1 no 6 25-31 '67
- Synthesis of functionally-substituted bromoalkenes. M. V. Mavrov, F. S. Roskhanian, V. F. Kucherov. *Izv. AN SSSR, Ser. khim.* no 12 2774-2777 D '67
- Unsaturated polyesters based on hydroxyaralkoxybenzenes. S. V. Vinogradova and others. *Vysokom. soed. Ser. A* 9 no 10 2152-2160 O '67

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- Action of glucose oxidase in grape vines. A. J. Musti, A. A. Mezhlanin, I. U. D. Tagunkov. *Izv. vys. ucheb. zav. prikl. tekhn.* no 6 80-92 '67
- Axialities of perfluoroketones as a new 1,4-dipole system. I. U. V. Zolotarev and others. *Zhur. ob. khim.* 37 no 11 2175-2186 N '67
- Aminomethylation of 2-nitro-3-hydroxypyridine. L. D. Smirnov and others. *Izv. AN SSSR, Ser. khim.* no 12 2742-2744 D '67
- Application of cyclite in diabetes mellitus: a survey of literature. I. V. Domareva. *Vop. pit.* 26 no 3 46-52 My-Je '67
- Asymmetrical diamides of O-pentachlorophenylthiophosphoric acid. D. Kh. I. A. Mukhametova, I. V. Cheplanova. *Izv. AN SSSR, Ser. khim.* no 12 2744-2748 D '67
- Catalytic hydrogenation of polychloroalkenes containing $\text{C}(\text{Cl})_3$ - CH_2 or CCl_2 - CCl_2Cl groups. I. A. Kost, R. Kh. L'vichina. *Izv. AN SSSR, Ser. khim.* no 12 2715-2718 D '67
- Chlorination of 3-fluoro- and 4-fluorophenols. A. F. Kolomoets, I. A. Kalutskiy, N. K. Bzhynuk. *Zhur. ob. khim.* 37 no 11 2185-2187 N '67
- Conversion of cytosine into citidine. I. T. Makalovich. *Khim. - farm. zhur.* 1 no 6 29-30 Je '67
- Determination of small impurities of D-amino acids in natural amino acids. S. V. Viti, M. B. Sapozhnikova, V. M. Belikov. *Izv. AN SSSR, Ser. khim.* no 12 2771-2772 D '67
- Different methods of removing formic acid from the products of synthesis of trimethylolpropane. L. S. Gendler and others. *Zhur. prikl. khim.* 40 no 11 2525-2531 N '67
- Diol lipids. Report No. 5. Microacetylation of diols and triols for gas chromatographic analysis. V. A. Vaver, V. V. Dorogov, L. D. Bergeleson. *Izv. AN SSSR, Ser. khim.* no 12 2681-2684 D '67
- Effect of laundering on cellulose fabrics bleached and modified with urea derivatives. D. M. Sadykova, S. S. Palladov. *Tekst. prom.* 27 no 10 56-61 O '67
- Effect of organic substances on copper electrodeposition. Part 1. Amino acids. V. N. Lebedeva, M. I. A. Popovskaya. *Elektrokhimika* 3 no 12 1454-1458 D '67
- Electron paramagnetic resonance study of free radical states formed by irradiation of frozen aqueous solutions of cellulose, gentiobiose, and mallose. N. M. Emanuel' and others. *Dokl. AN SSSR* 177 no 5 1142-1145 D '67
- Effect of ethylene glycols as selective solvents. A. Z. Bikhulov, V. A. Popov. *Izv. vys. ucheb. zav., neft. i gaz* 10 no 9 66-68 '67
- Free radical reaction of methyl ester and nitrile of 2-methoxypropionic acid with 1-alkenes. I. U. M. Ogibin, L. M. Ilyina, G. I. Nikishin. *Izv. AN SSSR, Ser. khim.* no 12 2711-2715 D '67

- High temperature reaction of trichloroethylene with toluene and methanol. G. I. Nikishin, M. I. Dushinov. *Izv. AN SSSR, Ser. khim.* no 12 2777-2778 D '67
- Interaction of some oxalaldehydes and aldehydes with p-methoxybenzyl-methylphosphorane. V. A. Polonov, I. U. A. Zhdanov. *Zhur. ob. khim.* 37 no 11 2455-2459 N '67
- Interfacial tension of some aliphatic and aromatic diamines. I. M. Vasylyukovich and others. *Dop. AN Ukr. SSR Ser. B* 29 no 12 1091-1094 D '67
- Methods for producing glucose oxidase fermentation preparations. N. V. Polozhskaya and others. *Fiziol. i spirit. prom.* 32 no 5 31-32 '66
- Monosaccharides. Report No. 15. New synthesis of aziridine derivatives of sugars. B. A. Dmitriyev, N. F. Barmanova, N. K. Korshakov. *Izv. AN SSSR, Ser. khim.* no 12 2691-2697 D '67
- Oxidation of 3,4-dimethyl-4,5-tetrahydrobenzazole aldehyde by peracetic acid. M. M. Movsumzade, A. L. Shabanov, T. Kh. Agaly. *Dokl. AN Azerb. SSR* 23 no 1 15-18 '67
- Preparation of 4-thiazolocarboxylic acid. M. O. Kolesova. *Khim. - farm. zhur.* 1 no 6 27-28 Je '67
- Preparation of galacturonic acid from mucic acid using ion exchangers. T. K. Gaponenko, K. I. Seidmanova. *Zhur. prikl. khim.* 40 no 11 2608-2609 N '67
- Reaction of cyanuric acid with acrylonitrile, ethyl acrylate, and methyl methacrylate. V. G. Ostrovskiy, A. A. Komeriko. *Ukr. khim. zhur.* 12 no 10 1085-1087 '66
- Reaction of potassium salt of trimethane with acetyl chloride in acetone. B. G. Sankov and others. *Izv. AN SSSR, Ser. khim.* no 12 2769-2771 D '67
- Reactions of dicarboxylic acids with dilute sulfuric acid. R. A. Kiselev, M. S. Dudkin. *Zhur. prikl. khim.* 40 no 11 2513-2521 N '67
- Reactions of half esters of phosphorous, ethylphosphonic, and thiophosphonic acids with some substituted benzylphosphonic esters. A. N. Padovir, I. V. Gaidanova, M. G. Zimin. *Zhur. ob. khim.* 37 no 11 2580-2585 N '67
- Rearrangement of organosilicon mercaptals. M. F. Shostakovskiy and others. *Izv. AN SSSR, Ser. khim.* no 12 2676-2681 D '67
- Research in the field of quinones 43. Condensation of p-quinones with amines of acetonedicarboxylic acid esters. F. A. Trofimov and others. *Khim. - farm. zhur.* 1 no 7 22-31 Ji '67
- Some reactions of pentafluorobenzoic acid ester. A. T. Rudchenko and others. *Zhur. ob. khim.* 37 no 11 2487-2493 N '67
- Some reactions of trifluoropropylate with nucleophilic reagents. L. L. Kuznetsov, N. M. Gamberian, V. V. Tiu-leneva. *Izv. AN SSSR, Ser. khim.* no 12 2662-2666 D '67
- State of complexes in strong acid media. A. N. Erma-kov and others. *Zhur. neorg. khim.* 12 no 11 3041-3045 N '67
- Structure and some properties of "pseudothiocyan." A. P. Antkov. *Zhur. prikl. khim.* 40 no 11 2547-2552 N '67
- Structure of acid ethylenediamine tetraacetates of nickel and copper. N. P. Potapova, L. I. Martynenko. *Zhur. neorg. khim.* 13 no 1 192-194 1a '68
- Study of the conditions of nystatin inactivation. A. P. Bashkovich and others. *Khim. - farm. zhur.* 1 no 6 31-33 Je '67
- Synthesis of ϵ -caprolactams and their reduction to azacycloheptanes. L. A. Barovskaya, V. M. Shostakovskiy, L. F. Bel'skii. *Izv. AN SSSR, Ser. khim.* no 12 2773-2774 D '67
- Synthesis of phenoxycetylurea. V. B. Del'nik, M. G. Katanets, D. I. Ostrovskiy. *Khim. - farm. zhur.* 1 no 6 21 Je '67
- Thermochemical study of potassium and calcium nitrates in aqueous-glycolic solvents at 20°-40° C. G. A. Krestov, I. V. Egorova. *Izv. vys. ucheb. zav., khim. i khim. tekhn.* 10 no 10 1115-1119 '67
- The monodiamides and structure of nonaqueous solutions of electrolytes. Part 7. Effect of sodium iodide and potassium iodide on the structure of ethylene glycol. V. P. Tugusov, K. P. Mishchenko. *Zhur. strukt. khim.* 8 no 6 1005-1009 N-D '67
- Xylouronide from aspen wood. V. I. Sharkov, N. I. Kulbina, I. U. P. Solov'eva. *Zhur. prikl. khim.* 40 no 11 2609-2611 N '67

547.5 CYCLIC (RING) COMPOUNDS ISO- OR HOMO-CYCLIC SINGLE-RING COMPOUNDS

- Alkylation of toluene by propylene. M. P. Terpigova and others. *Izv. AN SSSR, Ser. khim.* no 12 2757-2759 D '67
- Amides and anhydrides of phosphorus acids. Part 15. Reaction of phosphinic and thiophosphonic acid anhydrides with the Grignard reagent. V. P. Dyakov, E. I. Alpova. *Zhur. ob. khim.* 37 no 11 2508-2510 N '67
- Aminomethylation of 2-nitro-3-hydroxypyridine. L. D. Smirnov and others. *Izv. AN SSSR, Ser. khim.* no 12 2742-2744 D '67
- Asymmetrical diamides of O-pentachlorophenylthiophosphoric acid. D. Kh. I. A. Mukhametova, I. V. Cheplanova. *Izv. AN SSSR, Ser. khim.* no 12 2744-2748 D '67
- α -Ketovinylation. Report No. 3. β -Ketovinylation of cyclopentadiene anion. A. N. Nesmetanov, M. I. Rybnitskaya, I. M. Korneva. *Izv. AN SSSR, Ser. khim.* no 12 2649-2652 D '67

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- 696

- Determination of small impurities of D-amino acids in natural amino acids. S. V. Vitt, M. B. Sapozhnikova, V. M. Belikov. *Izv. AN SSSR, Ser. khim.*, no. 12, 2771-2772 D '67.
- Determination of the linkage reactions of urea and its complexes with deoxyribose nucleic acid. K. B. Yatsimskiy and others. *L'vovsk. zhur.* 42, no. 10, 1031-1037 '66.
- Dolipids. Report No. 5. Microacetylation of diols and triols for gas chromatographic analysis. V. A. Vavrov, V. V. Dorogov, L. D. Bergelefon. *Izv. AN SSSR, Ser. khim.*, no. 12, 2681-2684 D '67.
- Fatty acid composition of brain phospholipids in *Corythichus nektar* during various stages of its life cycle. M. A. Chebotareva, Zhur. *evol. biokhim. i fiziol.* 3, no. 4, 367-370 J1-Ag '67.
- Formation of electrostatic charges in tanks by the action of a steam jet. S. T. Bondarenko. *Izv. vys. ucheb. zav.*, no. 8, 12, 91-91 '65.
- Heterochromatin and genetic inactivation in mammalian cells. A. F. Zakharov. *Usp. sovr. biol.*, 65, no. 1, 83-106 Ja-I '68.
- Mass spectrometry of intermediate products of the total synthesis of estrogens. V. L. Sadovskaya, N. S. Vulfovskiy, V. I. Zaretskiy. *Izv. AN SSSR, Ser. khim.*, no. 12, 2767-2769 D '67.
- Mentha piperita flavonoids. E. V. Gella, G. V. Makarova, I. G. Borusluk. *Farmatsev. zhur.*, 22, no. 1, 80-85 '67.
- New modification of the orthoester method of synthesis of glycosides and synthesis of β -gentiobiose octaacetate via intermediate isomeric orthoester. A. F. Bochkov, V. I. Slatkovskiy, N. K. Kochetkov. *Izv. AN SSSR, Ser. khim.*, no. 12, 2684-2684 D '67.
- Participation of exogenous carbohydrate substrates in carbohydrate metabolism of some plant species. V. I. Batenko. *Dokl. AN SSSR*, 177, no. 5, 1232-1235 D '67.
- Polymorphic dyes with 1,9-condensed hydrocarbon cycles in a chromophore. A. I. Tolmachev, I. U. Slominskii, A. I. Kiprianov. *Dokl. AN SSSR*, 177, no. 1, 869-872 D '67.
- Primary structure of proteins of silkworm nucleate polyhedrosis virus. Part 2. Purification of polyhedrosis virus by chromatography. S. B. Seichirany, E. A. Kuzlov, V. M. Sogubayeva. *Ukr. khim. zhur.*, 32, no. 10, 1088-1090 '66.
- Radiochemical properties of some peptides. A. Sultanov, A. V. Tulevich, A. P. Ibragimov. *Uzb. biol. zhur.* 11, no. 6, 3-6 '67.
- Separate determination of main groups of glycosides in *Strophanthus komba* preparations. G. L. Genkina, N. K. Akbulatov. *Khim. i farm. zhur.* 1, no. 6, 47-49 Je '67.
- Study of 78- and 108-antibodies in diagnostic sera. L. B. Bogdanovskaya. *Zhur. mikrobiol., epid. i immun.* 44, no. 11, 142-147 N '67.
- Study of the analogs of conformational inhibitors of pyridoxal enzymes by the dipole moment method. E. N. Gurianova and others. *Izv. AN SSSR, Ser. khim.*, no. 12, 2754-2757 D '67.
- Syntheses based on diterpenes. Part 9. Oxidation of steroids by peracids. D. P. Popov, V. V. Titov. *Zhur. obshch. khim.*, 37, no. 11, 2459-2462 N '67.

547.9(436)—Australia

Nature of calcite containing porphyries from Deutsch Altenburg (Australia). N. B. Vasosovich, E. M. Gallimov. *Izv. AN SSSR, Ser. geol.*, no. 1, 96-105 Ja '68.

547.9(477)—Ukrainian S. S. R.

Some problems of the gas potential and chemical composition of gases of the Mezhirochenskoye coal deposit. V. O. Kushniruk, O. K. Ivanov, F. I. Teslar, Dop. AN URSR, Ser. B, 29, no. 12, 1001-1008 D '67.

548 CRYSTALLOGRAPHY

- Braking of superdislocations with thresholds in a Li_2 superstructure. L. E. Popov. *Izv. vys. ucheb. zav.*, fiz. 10, no. 11, 32-40 '67.
- Calculating the elastic moduli of polycrystals. B. M. Darinskii, A. G. Fokin, T. D. Shermorgor. *PMTF*, no. 5, 123-128 S-O '67.
- Characteristics of the phonon spectrum of crystals with extended defects. I. A. Iosilevskii. *Plas. v red. Zhur. eksp. i teor. fiz.* 7, no. 1, 32-35 Ja '68.
- Color centers in ruby crystals. G. E. Arkhangelskii, Z. L. Morgenshtern, V. B. Neustruev. *Izv. AN SSSR, Ser. fiz.* 32, no. 1, 2-5 Ja '68.
- Configuration stability with nearly degenerated electron state. A. A. Kiselev. *Izv. AN SSSR, Ser. fiz.* 32, no. 1, 14-15 Ja '68.
- Constitution of quartz and feldspars. V. V. Zuev. *Izv. vys. ucheb. zav.*, geol. i razv. 11, no. 2, 38-44 F '68.
- Crystalline structure of 2,4-dibromophenylidiazocyanide. I. A. M. Nestorova and others. *Zhur. strukt. khim.*, 8, no. 6, 1109 N-D '67.
- Crystallization of titanium nitride from gas phase. M. I. Aivazov, V. F. Melchikh. *Izv. AN SSSR, Neorg. mat.*, 3, no. 11, 2109-2110 N '67.
- Development of accumulative recrystallization and polygonization of ferroalloy in high-temperature fatigue tests. M. G. Lozinskii, A. N. Romanov. *Dokl. AN SSSR*, 177, no. 5, 1065-1068 D '67.
- Development of mineralogical crystallography during the 50 years of Soviet regime. I. I. Shafranovskii. *Zap. Vses. min. ob-va*, 96, no. 5, 514-525 '67.

- Dynamic effects of electric reflection and piezoreflection of light by crystals. G. S. Krinchik. *Usp. fiz. nauk*, 91, no. 1, 143-154 Ja '68.
- Effect of color centers on the threshold of ruby generation. Z. L. Morgenshtern, V. B. Neustruev. *Izv. AN SSSR, Ser. fiz.* 32, no. 1, 6-7 Ja '68.
- Effect of heavy impurities on the optical oscillations of alkali halide crystals. A. M. Koshech, V. A. Shklovskii. *Izv. AN SSSR, Ser. fiz.* 32, no. 1, 11-13 Ja '68.
- Effect of impurities on density of NaF single crystals. G. A. Andreev. *Izv. AN SSSR, Neorg. mat.*, 3, no. 11, 2095-2097 N '67.
- Electric properties of solid solution crystals of alkali-halide compounds of the KCl-KBr system. I. U. M. Amnenkov, V. A. Grishukov. *Izv. vys. ucheb. zav.*, fiz. 10, no. 11, 74-77 '67.
- Hydraulic appliance for shifting thin films under vacuum in zonal refining. L. K. Beiziter, A. A. Patmalajeks, I. A. Straumens. *Prib. i tekhn. eksp.*, no. 6, 212-213 N-D '66.
- Kinetics of radiational changes of electric conductivity of alkali halide crystals. I. A. Melik-Gaikazian, L. I. Roshchina, V. M. Lisitsyn. *Izv. vys. ucheb. zav.*, fiz. 10, no. 11, 157-160 '67.
- Kinetics of the variation in the microhardness of CaF_2 crystals under proton irradiation. E. K. Zavadovskaya and others. *Izv. vys. ucheb. zav.*, fiz. 10, no. 11, 132-133 '67.
- Luminescence of Ti^{3+} in the system $CaWO_4$ - $CaWO_3$. L. I. Alekseenko and others. *Izv. AN SSSR, Ser. fiz.* 32, no. 1, 30-33 Ja '68.
- Magnetic properties of hematite single crystals in fields up to 140 kOe. R. A. Voskanian, R. Z. Levitin, V. A. Shchukov. *Zhur. eksp. i teor. fiz.* 53, no. 2, 459-462 Ag '67.
- Mechanism and kinetics of the process of oxygen sorption on face (110) of tungsten single crystals. I. A. P. Zingerman, V. A. Ishchuk. *Fiz. tver. tela*, 9, no. 9, 2520-2530 S '67.
- Mechanism underlying the dendritic growth of crystals having a diamond structure. D. A. Petrov. *Dokl. AN SSSR*, 177, no. 5, 1075 D '67.
- Method of growing cadmium sulfide single crystals and the determination of some of their characteristics. M. L. Gol'din, E. A. Muzalevskii, K. R. Razumovskii. *Izv. vys. ucheb. zav.*, fiz. 10, no. 11, 155-157 '67.
- Preliminary results of the determination of structure of neodymium trihydride tris-acetylacetonate. L. A. Avelanov and others. *Zhur. strukt. khim.*, 8, no. 6, 1106 N-D '67.
- Progress of mineralogy in the U.S.S.R. during the 50 years of Soviet regime. E. K. Lazarenko. *Zap. Vses. min. ob-va*, 96, no. 5, 503-513 '67.
- Propagation of cracks and twins along an anisotropic strip. E. P. Feldman. *PMTF*, no. 5, 134-139 S-O '67.
- Proton scattering on tungsten single crystals. V. S. Kulikavskas, M. M. Malov, A. F. Tulinov. *Zhur. eksp. i teor. fiz.* 53, no. 2, 487-489 Ag '67.
- Purification of inorganic salts by removing nonstoichiometric impurities during crystallization from solutions. A. I. Shvartsval'd. *Zhur. prikl. khim.*, 40, no. 11, 2452-2458 N '67.
- Recrystallization in a boiling solution. I. G. Bazhail, O. D. Kurilenko. *Zhur. prikl. khim.*, 40, no. 11, 2579-2583 N '67.
- Resonance frequencies in two-sublattice uniaxial ferrite in noncollinear phase. B. L. Kaliev, G. M. Nedim. *Fiz. tver. tela*, 9, no. 9, 2678-2685 S '67.
- State of polarization $BaTiO_3$ crystals and the electron paramagnetic resonance spectrum of the paramagnetic impurity. E. V. Burslan, V. V. Shapkin. *Uch. zap. Ped. inst. Gerts.*, 303, 147-150 '66.
- Statistical theory of crystallization of supercooled melts in thin films. L. O. Melesko, E. N. Agafonova. *Dokl. AN SSSR*, 177, no. 11, 983-988 N '67.
- Structure of rhodium monooxidechloride monohydrate $ReCl_2 \cdot Cl_2COO(H)H_2O$. P. A. Kor'min, M. D. Sarazhskaya, V. G. Kuznetsov. *Zhur. strukt. khim.*, 8, no. 6, 1107 N-D '67.
- Structure of 2-neopentylallylpalladium chloride. M. Kh. Minastan, S. P. Gubin, I. U. T. Struchkov. *Zhur. strukt. khim.*, 8, no. 6, 1108 N-D '67.
- Thelonite and other natural phases of the $TR_2Si_2O_7$ composition. N. G. Batalieva, G. K. Krivokoneva, I. U. A. Pletenko. *Dokl. AN SSSR*, 176, no. 5, 1146-1148 O '67.
- Theory of photoionization of F^+ color centers. A. A. Berezin. *Fiz. tver. tela*, 9, no. 9, 2756-2757 S '67.
- Thermoluminescence of γ -irradiated crystals CaF_2 -Dy and CaF_2 -Ce. S. Kh. Batygov, V. V. Osiko. *Izv. AN SSSR, Ser. fiz.* 32, no. 1, 8-10 Ja '68.
- A vessel for obtaining infrared spectra of liquefied gases and linearly oriented crystals. I. U. Panchenko, I. U. A. Pontin. *Zav. lab.*, 33, no. 9, 1156-1158 '67.
- X-ray diffraction study of some carbonate-containing zirconium compounds. I. U. E. Gorbunova, V. G. Kuznetsov, E. S. Kovaleva. *Zhur. neorg. khim.*, 13, no. 1, 102-105 Ja '68.
- Zinc tungstate single crystals with nonstoichiometric structure. L. N. Limarenko and others. *Izv. AN SSSR, Ser. fiz.* 32, no. 1, 34-35 Ja '68.

548.4 CRYSTAL LATTICES. IRREGULARITIES, INCLUSIONS, DISTORTIONS

Defects arising in alkali halide phosphors under the influence of surface-active impurities and their role in the recombination luminescence. L. M. Shamovskii and others. *Izv. AN SSSR, Ser. fiz.*, 32, no. 1, 20-23 Ja '68.

- Determining the diffusion coefficient of the neutral pair defect (dipole) in alkali halide crystals. G. A. Rozman. *Uch. zap. Ped. inst. Gerts.*, 303, 93-98 '66.
- Dislocation absorption of ultrasound in deformed KCl crystals. Kh. M. Khalilov, A. L. Agayev. *Fiz. tver. tela*, 9, no. 9, 2720-2731 S '67.
- Effect of electron structure on lattice deformation around an impurity atom. V. V. Krasavin, I. U. S. Stark, A. F. Shevakin. *Izv. vys. ucheb. zav. khim. i tekhn. mol.*, 10, no. 11, 115-118 '67.
- Effect of lattice defects on the dislocation mobility in alkali halide crystals. I. U. S. Rozman, R. P. Zhitarev. *Izv. AN SSSR, Ser. fiz.* 32, no. 1, 39-43 Ja '68.
- Effect of plastic deformation on the Mossbauer effect. V. G. Korov, R. I. Mintz, I. U. N. Sekinov. *Fiz. tver. tela*, 9, no. 9, 2755-2756 S '67.
- Effect of some impurity defects on the optical properties of calcium tungstate. A. M. Guvch, V. B. Gutan, M. I. Tombak. *Izv. AN SSSR, Ser. fiz.* 32, no. 1, 47-50 Ja '68.
- Formation of H^+ centers. S. V. Izmailov, G. A. Rozman. *Uch. zap. Ped. inst. Gerts.*, 303, 81-87 '66.
- Ground state energy of a crystal with H^+ center. S. V. Izmailov, G. A. Rozman. *Uch. zap. Ped. inst. Gerts.*, 303, 75-80 '66.
- Induced Mandelstam-Brillouin scattering in fused and crystalline quartz without fracture of the specimens at $T = 300^\circ K$. A. I. Ritus, A. A. Manenkov. *Plas. v red. Zhur. eksp. i teor. fiz.* 53, no. 11, 927-931 D '67.
- Infrared absorption of lithium fluoride crystals. Z. G. Akhmedjan. *Izv. AN SSSR, Ser. fiz.* 32, no. 1, 37-38 Ja '68.
- Interband interaction and spontaneous polarization of crystal lattices. I. B. Bersuker, B. G. Vekhter. *Fiz. tver. tela*, 9, no. 9, 2652-2660 S '67.
- Longitudinal relaxation of electric dipoles in crystals. R. V. Saburova. *Fiz. tver. tela*, 9, no. 9, 2178-2181 S '67.
- Magnetic crystalline anisotropy of n-substituted yttrium garnets. B. T. Rubinshteyn, G. M. Galaktionova. *Fiz. tver. tela*, 9, no. 9, 2707-2712 S '67.
- Mechanism of the freezing of solids. I. U. V. Gredina, V. V. Nezerov. *Izv. vys. ucheb. zav. khim. i tekhn. mol.*, 10, no. 12, 104-107 '67.
- Participation of dipole in diffusion processes. S. V. Izmailov, G. A. Rozman. *Uch. zap. Ped. inst. Gerts.*, 303, 89-92 '66.
- Phonon scattering by lattice distortions of ionic crystals with nonstoichiometric vacancies. I. I. Vishnevskii, V. N. Skripak. *Fiz. tver. tela*, 9, no. 9, 2713-2717 S '67.
- Plastic deformation of silicon in the region of brittle destruction. V. I. Nikitenko, M. M. Myshlakov, V. G. Eremenko. *Fiz. tver. tela*, 9, no. 9, 2601-2610 S '67.
- Reflection of ions from single crystals in the case of inclined falling. V. E. Urasova, D. S. Karpozov. *Fiz. tver. tela*, 9, no. 9, 2508-2513 S '67.
- Self-diffusion of Ca^{3+} and H^{3+} in cesium iodide single- and polycrystals. S. M. Kleiman and others. *Fiz. tver. tela*, 9, no. 9, 2487-2502 S '67.
- Temperature dependence of dislocation mobility in KCl single crystals. V. B. Paritskii, A. I. Trefilov. *Fiz. tver. tela*, 9, no. 9, 2457-2462 S '67.
- Theory of absorption and radiation of light by impurity centers in paramagnetic crystals. M. A. Kivovglaz, G. F. Levenson. *Fiz. tver. tela*, 9, no. 9, 2693-2703 S '67.
- Thermal equation of state of solid solutions. I. A. Iosilevskii. *Fiz. tver. tela*, 9, no. 9, 2661-2669 S '67.
- Thermodynamic quantities of a perfect crystal lattice in the harmonic approximation. V. I. Polesada. *Zhur. eksp. i teor. fiz.* 53, no. 2, 605-611 Ag '67.
- Unit for studying the effect of deformations on the resonance dislocation absorption of ultrasound in crystals. I. A. Gindin, V. B. Babukhin. *Zav. lab.*, 33, no. 9, 1149-1151 '67.

549 MINERALOGY

- Association of minerals in the extreme potassium and sodium differentiates of alkali intrusions, as revealed by a study made in the Khibiny and Synnyr Massifs. O. B. Dudkin, S. I. Zak, V. N. Gorskaya. *Zap. Vses. min. ob-va*, 96, no. 5, 567-576 '67.
- Certain characteristics of shungite. V. D. Goroshko and others. *Khim. tver. topl.*, no. 6, 123-128 N-D '67.
- Composition of monoclinic pyroxenes in igneous rocks of different formation types. I. U. N. Kochkin and others. *Dokl. AN SSSR*, 176, no. 5, 1149-1152 O '67.
- Decomposition of apatite and ilmenite under conditions close to the hydrothermal, based on experimental data. N. A. Kozynin, A. L. Nikol'skii. *Izv. vys. ucheb. zav. geol. i razv.* 11, no. 1, 145-148 Ja '68.
- Equilibrium conditions in dissociation of magnesium-copper ferrites. A. A. Shchepetkin and others. *Zhur. fiz. khim.*, 41, no. 9, 2358-2360 S '67.
- Experimental study of the stability of uranium in hydrothermal carbonate solutions. I. A. M. Bilevtsev, V. B. Koval', V. A. Samsonov. *Geol. zhur.* 27, no. 6, 102-108 N-D '67.
- Isomorphism of riebeckite and arfvedsonite and the oxidation kinetics of ferroalkaline amphiboles. V. I. Kovalenko, I. L. Lapides, S. B. Brandt. *Dokl. AN SSSR*, 177, no. 4, 926-928 D '67.
- Kazakov, A. N. [Methodological manual on the dynamic analysis of microstructural orientations of carbonates] *Metodicheskoe rukovodstvo po dinamicheskomu analizu mikrostrukturnykh orientirovok karbonatov*. Leningrad, "Nauka," 1967, 108 p.

550.3(57)—Equatorial, South Central and East Africa

Lunar-diurnal variations in the earth's magnetic field at Italian and their relation to ionospheric tides. V.A. Zagulayeva and others. *Geomag. i aer. 7* no 6 1001-1005 '67.

550.3(98)—Arctic and North Polar regions

Geophysical studies in the Soviet Arctic. R.M. Demchenko, I.A. and others. *Uch. zap. NIIGA. Reg. geol. no 11* 164-173 '67.

550.3(90)—Antarctica—South Polar regions

By radio from the Antarctic. *Inform. biul. Sov. antark.* 44 no. 64 52-56 '67.

550.34 SEISMOLOGY

Change in the seismic parameters of a medium as a result of cleavage effects. A.A. Gvozdev, V.V. Kuznetsov, I.S. Parkhomenko. *Izv. AN SSSR, Fiz. zem.* no 12 30-39 D '67.

Digital filtration of long-period vibrations of the Alaskan earthquake of 1964. E.P. Savarenko, G.L. Kosarev. *Izv. AN SSSR, Fiz. zem.* no 12 57-59 D '67.

Forecasting the time of earthquake eruption on the basis of seismic data. V.I. Mikhlin. *Zem. i vel.* no 6 11-21 '67.

Long-period galvanometer for recording seismic processes. M.I. Iaroshchik, N.D. Mansurova. *Izv. AN SSSR, Fiz. zem.* no 12 60-63 D '67.

Preventing the disastrous effects of earthquakes. S.V. Medvedev. *Zem. i vel.* no 6 8-13 '67.

Relation between the seismic processes and the geomagnetic field. G.N. Petrova. *Zem. i vel.* no 6 11-15 '67.

Seismicity and forecast earthquakes. M.A. Sadovskii. *Zem. i vel.* no 6 3-4 '67.

Seismic climate and seismic weather. I.U. V. Ruzhichenko. *Zem. i vel.* no 6 4-8 '67.

Seismotectonic processes. I.U. G. Leonov. *Zem. i vel.* no 6 16-18 '67.

Session of the Council on Seismology held at Kishinev. V.M. Arkhangelskaya. *Izv. AN SSSR, Fiz. zem.* no 12 93-94 D '67.

Study of earthquakes. G.P. Gorshkov. *Priroda* no 1 33-39 '66.

550.34(477.9)—Climax

Microseismic noises on the Cimbrian peninsula as interference in seismic observations. I.I. Popov. *Geofiz. sbor.* 10 no 19 77-83 '67.

550.34(575.1)—Uzbek S.S.R.

Manifestation of recent tectonics and seismicity of the Kyzylkum. *Uzb. geol. zhur.* 10 no 3 69-75 '66.

550.4 GEOCHEMISTRY

Characteristics in the distribution of metal series in fossil coals. V.M. Ratynskii, S.V. Glushnev. *Dokl. AN SSSR* 177 no 5 1197-1198 D '67.

Effect of an electromechanical solution of sulfides on the composition of waters of the Bouda deposit. Sh. Bermukhanov. *Izv. vys. ucheb. zav. geol. i razv.* II no 1 76-80 Ja '68.

Geochemical characteristics of moraine sediments of different glaciations. V.K. Lukashev, K.I. Lukashev. *Dokl. AN SSSR* 11 no 12 1098-1099 D '67.

Geochemical criteria of the relation of industrial mineralization to rocks and the problem of mineralization sources. A.I. Semenov, A.A. Smyslov. *Zap. Vses. min. ob-va* 96 no 5 584-590 '67.

Geology and geochemistry of natural gas of the Talmakh copper-nickel deposit. T.R. Danilova. *Izv. vys. ucheb. zav. geol. i razv.* II no 1 56-62 Ja '68.

Lukashev, K.I., and V.K. Lukashev. [Geochemical prospecting for elements in the supergene zone in two books] *Geokhimiicheskie poski elementov v zono gipergenez v dvukh knigakh.* Minsk, "Nauka i tekhnika," Kn 2. [Geochemical prospecting for separate elements] *Geokhimiicheskie poski otdel'nykh elementov.* 1987. 206 p.

Physical geochemistry, a new branch of science, and some features of its formation in our country. V.V. Dolivo-Dobrovolskii. *Zap. Vses. min. ob-va* 96 no 5 528-531 '67.

Some geochemical criteria in the study of moraine sediments. V.K. Lukashev, G.V. Sivchik. *Dokl. AN SSSR* 11 no 10 926-929 O '67.

Some possible ways of transporting silicon in aqueous solutions and under conditions of the formation of silica. I.P. Shesternin. *Dokl. AN SSSR* 177 no 5 1200-1203 D '67.

550.4(234)—Mountains of Europe

Content of hydrogen in free flows of gases in the Khibiny. A.I. Kravtsov and others. *Dokl. AN SSSR* 177 no 5 1190-1192 D '67.

Geochemistry of phosphorus of Mani-Khambo (Pechora port of the Urals). E.P. Kalinin. *Trudy Inst. geol. kom. RL AN SSSR* no 7 37-42 '67.

550.4(470)—European U.S.S.R.

Uranium and radium in the zone of active water exchange in the northwestern part of the Pripyat Trough. G.V. Gurevskii, V.K. Lukashev, V.A. Tolkach. *Dokl. AN SSSR* 11 no 11 1017-1020 N '67.

550.4(476)—White Russian S.S.R.

Composition and properties of the varved clay of the northern part of White Russia. N.V. Zaitseva, V.S. Komarov. *Dokl. AN SSSR* 11 no 12 1100-1103 D '67.

550.4(477)—Ukrainian S.S.R.

Differential leaching of accessory beryllium from rocks in the eastern part of the region of the Sea of Azov. T.H. Kozmenko, I.K. Iatvish. *Geol. zhur.* 27 no 6 110-111 N-D '67.

Distribution of accessory elements in rocks of gneiss formation of the eastern strip of the right-bank magnetic anomalies (middle part of the Kirov Rog-Kiemenchuk zone). V.M. Verbitskyi. *Dop. AN URSR, Ser. B* 30 no 1 7-10 Ja '68.

Structure of the Skolevsk fault. O.O. Horzhavskiy. *Dop. AN URSR, Ser. B* 30 no 1 7-10 Ja '68.

Zonality of hydrothermal mineralization in the Nagolny Range. O.H. Dvornikov. *Dop. AN URSR, Ser. B* 29 no 12 1112-1115 D '67.

550.4(477.6)—Donets Basin

Distribution of concentrations of minor elements in Devonian and Carboniferous sedimentary rocks of the southern margin of the Donets Basin. A.G. Gombanuk. *Geol. zhur.* 27 no 6 87-87 N-D '67.

550.4(479.24)—Azerbaijan S.S.R.

Geochemical characteristics of casing-head gases in the anticlinal zones of the Davin Sholn-the Yuzhnyaya structure and Kamni Gory (Nefteyanyye Kamni). F.M. Baghi-zade. *Izv. vys. ucheb. zav., nef't. i gaz.* 8 no 12 20-22 '65.

550.4(671)—Asiatic R.S.F.S.R.

Geochemical characteristics of the composition of ores of the lead-zinc ore belt in Eastern Siberia. I.U. K. Ushakov, I.U. P. Troshin. *Dokl. AN SSSR* 177 no 5 1197-1199 D '67.

Geochemical history of phosphorus and barium in the formation of carbonatite rocks and ancient weathering surfaces of the Chudobets Uplift. D.P. Serdyukov, V.M. Chaika. *Dokl. AN SSSR* 177 no 4 929-932 D '67.

Punched cards for the lithology, geochemistry, and reservoir properties of Mesozoic sediments of the West Siberian Plain. N.A. Gol'dina, G.L. Prozorovich. *Lit. i pol. iskop.* no 6 99-104 N-D '67.

550.4(571.0)—Soviet Far East

Hydrogeochemistry of some elements in the weathering of intrusive bodies under conditions of the Far East. A.A. Kolotov, B.A. Kolotov. *Dokl. AN SSSR* 177 no 5 1196-1198 D '67.

550.4(575)—Central Asia

Fourth Session on the Lithology and Geochemistry of Sedimentary Formations of Central Asia. L.A. Golovin. *Lit. i pol. iskop.* no 6 107-110 N-D '67.

550.6 PRACTICAL AND APPLIED GEOLOGY FIELDWORK PROSPECTING

Acceleration of the calculation of the correction for reliefs in observations by a gravimeter. P.P. Makagonov, G.A. Solov'ev. *Izv. vys. ucheb. zav., geol. i razv.* II no 1 104-108 Ja '68.

Alteration of physical properties of rocks in mud-molybdenum deposits. G.A. Solov'ev, I.L. Itadkov. *Izv. vys. ucheb. zav., geol. i razv.* II no 1 93-99 Ja '68.

Basic features of the hydrochemistry of fluorine in the regions of deposits containing fluorine. S.R. Krainov and others. *Izv. vys. ucheb. zav., geol. i razv.* 12:30-40 D '67.

Borehole SGS-1 gamma spectrometer for measuring energy spectra of natural, induced, and captured gamma radiation from rocks. I.I. Regulyin and others. *Tr. V. SSSR* no 5 11-18 '67.

Calculation of some parameters of trenches of geological prospecting by pinpoint blasting. A.A. Smolantitskii. *Izv. vys. ucheb. zav., geol. i razv.* II no 2 115-120 F '68.

Change in the seismic parameters of a medium as a result of cleavage effects. A.A. Gvozdev, V.V. Kuznetsov, I.S. Parkhomenko. *Izv. AN SSSR, Fiz. zem.* no 12 30-39 D '67.

Classification of geologic formations on the basis of correlational links. V.M. Kuznetsov. *Izv. vys. ucheb. zav., nef't. i gaz.* 10 no 9 21-24 '67.

Conference on problems and methods of paleogeomorphology. V.P. Trifonov. *Izv. AN SSSR, Ser. geol.* no 1 149-152 Ja '68.

Considering the wear and tear of an instrument in prospecting for an optimum drilling regime at a constant power level. V.S. Vladislavlev, K.S. Duplik. *Yudra* *Izv. vys. ucheb. zav., geol. i razv.* II no 2 107-109 F '68.

Defining the conception "detailed prospecting for oil and gas pools" and basic principles for its planning. P.P. Zabarinskii. *Izv. vys. ucheb. zav., nef't. i gaz.* 8 no 12 48-54, 60 '65.

Determination of optimum parameters of prospecting network for revealing blind pegmatite bodies. V.S. Bulgakov, V.I. Pandukko. *Izv. vys. ucheb. zav., geol. i razv.* 12:55-63 D '67.

Determination of the anomalous vertical gradient of the Z-component of the intensity of a magnetic field under conditions of the cross section of a layer (KMA type). A.A. Ljubimov, G.A. Ljubimov. *Izv. vys. ucheb. zav., geol. i razv.* II no 1 109-113 Ja '68.

Determination of the concentration of "free" RaA components in the atmosphere of a uranium mine. A.S. Serdyukova, L.I. Savenko. *Izv. vys. ucheb. zav., geol. i razv.* II no 2 100-106 F '68.

Determination of the H parameter in magnetic and gravitation anomalies. V.N. Stralchov, M.I. Lapina. *Izv. vys. ucheb. zav., geol. i razv.* 12:118-129 D '67.

Determining the strength of rocks based on drilling data. N.B. Mustafaev, F.B. Malchukhano, G.A. Mataev. *Izv. vys. ucheb. zav., geol. i razv.* II no 2 121-123 F '68.

Effect of the direction and sizes of radiator on dynamic parameters of acoustic waves in a borehole. V.G. Garsinskiy, G.B. Gorbavitskii. *Izv. vys. ucheb. zav., geol. i razv.* 12:102-109 D '67.

Efficient organization of meteorological observations during surveying operations. M.A. Kuznetsov. *Trudy Leningradskogo* no 4 111-113 '66.

Further improvement of the welfare of workers in the geological survey. I.F. Denshelukov. *Razved. i iskop. nedr.* 34 no 1 6-7 Ja '68.

Geologists, winners of the U.S.S.R. State Prize for 1967. *Razved. i iskop. nedr.* 34 no 1 7-9 Ja '68.

Graphs for determining linear and angular parameters of borehole deflection. E.A. Kamenov. *Razved. i iskop. nedr.* 34 no 1 50-60 Ja '68.

Improving the collective labor agreements of the workers of geological survey organizations. V. Levin. *Sov. iust.* no 17 10-10 S '67.

Uncompleted program and the working capital of geological organization. A.D. Gribner. *Razved. i iskop. nedr.* 31 no 1 42-45 Ja '68.

Measuring the signal of nuclear magnetic logging. G.L. Orlov, A.M. Melnik-Shalimov, V.I. Danilovich. *Izv. vys. ucheb. zav., nef't. i gaz.* 10 no 9 83-88 '67.

Methods for the determination of the relationship between the thickness of an ore body and the content of useful component. A.A. Vikent'ev, O.I. Gant'ev, M.V. Shumilin. *Izv. vys. ucheb. zav., geol. i razv.* II no 1 47-43 Ja '68.

Methods of planning for prospecting work and mineral reserves, a communique on scientific-methodological conference. F.I. Kantor, E.L. Leibson, V.V. Mukhin. *Ekon. nefteob. prom.* no 9 35-37 '67.

Methods of studying subsurface, Kirov-Rog type geological structures with the help of gravity prospecting. K.F. Tsipkin. *Geofiz. sbor.* 10 no 10 56-60 '67.

Nature of the phenomenon of induced polarization in non-conducting rocks. B.I. Genadzhik. *Izv. vys. ucheb. zav., geol. i razv.* 12:110-117 D '67.

New method for determining the force of gravity on the sea. L.A. Gubarev. *Izv. AN SSSR, Fiz. zem.* no 12 10-46 D '67.

Phase two-frequency measurement in radio-wave methods. I.U. V. Nessonov. *Izv. vys. ucheb. zav., geol. i razv.* II no 1 111-116 Ja '68.

Possibility of measuring the gradient of the gamma field in boreholes. I.U. B. Davydov. *Izv. vys. ucheb. zav., geol. i razv.* II no 2 91-95 F '68.

Problems in the processing and efficiency promotion of chemicoanalytic studies of chemically active samples. V.I. Mingolov, V.I. Batalov. *Izv. vys. ucheb. zav., geol. i razv.* II no 1 51-57 Ja '68.

Prospects of the efficient use of ejector missiles for the geological sampling and industrial prospecting for main phases of heavy metals. D.P. Lobanov, E.G. Pombeishtein, V.G. Leskov. *Izv. vys. ucheb. zav., geol. i razv.* II no 1 117-122 Ja '68.

Radiographic methods in mineral and geochemical studies. A.N. Komarov. *Izv. AN SSSR, Ser. geol.* no 1 50-61 Ja '68.

Role of hydrogeochemical works in the complex of methods in prospecting for ore deposits; as revealed by a study made in the Markline Territory. B.A. Kolotov. *Izv. vys. ucheb. zav., geol. i razv.* 12:153-158 D '67.

Seismic survey for engineering purposes in river beds and lakes. O.K. Voronkov, I.D. Akatov. *Trudy Leningradskogo* no 4 91-98 '66.

Selection of efficient sampling net in hydrochemical prospecting for ore deposits. O.D. Gorbunov, L.T. Mishin. *Izv. vys. ucheb. zav., geol. i razv.* II no 2 50-62 F '68.

Simulation method of studying the earth's mantle using a nonwave guide model. O.G. Shamun, R.V. Khamitina. *Izv. AN SSSR, Fiz. zem.* no 12 12-21 D '67.

Sinking pits by drilling. V.T. Bortsovich, V.A. Plokhikh, N.A. Lapin. *Izv. vys. ucheb. zav., geol. i razv.* 12:141-146 D '67.

Small drilling machines for shallow prospecting boreholes. G.A. Sen'kin, V.A. Shamaev. *Trudy Leningradskogo* no 4 108-118 '66.

Some characteristics of self-adjusting systems and the possibility of their use in drilling. N.I. Tolchov, I.S. Avramov. *Izv. vys. ucheb. zav., geol. i razv.* II no 2 131-136 F '68.

Some characteristics of waves propagating in gradient media. A.D. Kapitan, A.M. Epinaeva. *Izv. AN SSSR, Fiz. zem.* no 12 64-68 D '67.

Some interpretations of the phenomenon of the induced polarization of nonconductive rocks. B.I. Genadzhik. *Izv. vys. ucheb. zav., geol. i razv.* II no 2 90-99 F '68.

Some properties of real acoustic cross sections. G.N. Gogonenkov, N.R. Sivkov. *Izv. AN SSSR, Fiz. zem.* no 12 69-75 D '67.

Theory of the interpretation of magnetic and gravity anomalies on the basis of analytic continuation. V.N. Strakhov. *Dokl. AN SSSR* 176 no 5 1059-1062 O '67.

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551 2(471 6)—Northern Caucasus

- Structural regionalization of the western part of the Terekovoy Range (Northern Caucasus). B. A. Vikhter, *Geotektonika* no. 177-81 1a-F '68.
- Tectonics of western and central Ciscaucasia. M. R. Tustil'mikov, *Geotektonika* no. 152-69 1a-F '68.

551 2(477)—Ukrainian S S R

- Deep-seated structures of the northern part of the Ukrainian Rng according to geophysical investigations. A. K. Kutikhovskaya, *Geofiz. sbor.* 10 no. 19 37-48 '67.
- Isotopic and cyclic analysis of Middle Carboniferous sediments of the Bokove syncline in the Donets Basin. A. K. Mykhailov, *Dop. AN URSSR Ser. B* 30 no. 131-35 1a '68.
- Fracturing and karsting of carbonates in Saksgan' region. N. A. Vartsev, *Trudy Lenghdroekta* no. 1 17-44 '66.
- Possible causes and mechanism of the forming of Donets foldlands. A. V. Chelunov, *Geofiz. sbor.* 10 no. 19 31-38 '67.
- Some structural characteristics of salt rocks of the Dnieper-Dniestr Lowland. D. P. Kharushchov, K. Havrysh, *Dop. AN URSSR Ser. B* 30 no. 153-58 1a '68.
- Structure of the Steplevsk fault. O. O. Holchevskaya, *Dop. AN URSSR Ser. B* 30 no. 110-12 1a '68.
- Tectonic map of the Donets fold structure. M. I. Tsypil'skiy, *Dop. AN URSSR Ser. B* 30 no. 149-53 1a '68.

551 2(477 0)—Donets Basin

- Facies and cyclic analysis of the formation of coal seam structures, as revealed by a study made in the Donets Basin. B. P. Kalyshchov, *Geotektonika* no. 185-89 1a-F '68.

551 2(479)—Caucasus and Transcaucasia

- Geotectonic characteristics of Mesozoic sediments in the north-eastern slopes of the southern part of the Caucasus. Kh. D. Dzhalilov, V. V. Ibadov, *Izv. vuzov, ucheb. zav., inzh. i gaz.* 8 no. 9-10 11 '65.
- Subsurface structure of Adzharia based on the data of exploratory geophysics. Kh. D. Dzhalilov, A. A. Kerkimov, B. M. Selimov, *Izv. vuzov, ucheb. zav., inzh. i gaz.* 10 no. 9-11 11 '67.

551 2(479 22)—Georgian S S R

- Geological Myzeta in the flora of the Godeldzi series. I. T. Chikidze, *Soob. AN Gruz. SSR* 17 no. 1109-114 11 '67.
- On white porphyry intrusion in the Molitak marbleized limestone deposit (Georgian S S R). G. A. Magalashvili, *Izv. vuzov, ucheb. zav., inzh. i gaz.* 11 no. 2 137-119 1a '68.
- New data on the tectonics of southern Megrelia (western Georgian). I. K. Vakhanila, *Soob. AN Gruz. SSR* 17 no. 1103-108 11 '67.

551 2(479 24)—Azerbaijan S S R

- Some characteristics of the geological structure and formation conditions of the Bital-Chay and Gynul'skiy anticlinal folds. A. N. Gadzhiev, *Azerb. neft. khov.* 46 no. 12-13 10 '67.
- Tectonics of the Binagady field and its role in distributing oil and water in horizons. A. K. Aliyev, B. G. Ilvazov, I. F. Ismailov, *Azerb. neft. khov.* 46 no. 12, 3-10 10 '67.

551 2(479 26)—Armenian S S R

- Boundary of the Somkhert-Kafan and Armenian fold zones within northwestern Armenia. P. G. Aloyan, S. G. Aloyan, *Geotektonika* no. 170-76 1a-F '68.
- Types of contact metamorphism of sulfide ores along postorogenic dikes in the Kafan deposit. A. I. Karapetian, *Izv. AN Arm. SSR Nauki o zem.* 20 no. 177-84 '67.

551 2(571)—Asiatic R. S. F. S. R.

- Correlated action of endogenous and exogenous relief-forming factors. A. A. Zemtsov, *Izv. Akad. Geog. obsh. SSSR* no. 8 3-10 '67.
- General scheme of the tectonics of Western Siberia. V. D. Pomichev, *Trudy VSEGEI* 120 174-183 '67.
- Included features of the stratigraphy and tectonics of the recent formations of the Salala Ridge. E. A. Ponomarev, *Izv. Akad. Geog. obsh. SSSR* no. 7, 103 '66.
- Tectonics of the southwestern margin of the Siberian Platform. E. N. Altukhov, *Geotektonika* no. 189-94 1a-F '68.

551 2(571 16)—Altai Territory

- Kinematic patterns of the formation of the geological structure of the Altai region. P. M. Bondarenko, *Izv. Akad. Geog. obsh. SSSR* no. 7, 117-118 '66.

551 2(571 161)—Gorno-Altai Autonomous Province

- Basic features of the tectonics of the Kuznetsk Alatau and Gornaya Shoriya. A. L. Dodin, *Trudy VSEGEI* 120 134-141 '67.

551 2(571 17)—Kemerovo Province

- Basic features of the tectonics of the Kuznetsk Alatau and Gornaya Shoriya. A. L. Dodin, *Trudy VSEGEI* 120 134-141 '67.

551 2(571 51)—Krasnoyarsk Territory

- Morphology and mechanism of the formation of the geosynclinal and transitional structures of the Western Sayan Mountains. I. N. Kazakov, *Trudy VSEGEI* 120 155-173 '67.
- Some characteristics of the structure of the Balka-Yenisey Fault in the Eastern Sayan Mountains. V. B. Liatskiy, *Trudy VSEGEI* 120 144-154 '67.

551 2(571 511)—Taymyr National District

- Kharavelakh-Noril'sk fault and its relation to the copper-magnetite deposit. G. I. Kharachenko, *Uch. zap. NIIGA. Reg. geol.* no. 10 99-116 '67.
- Manifestation of horizontal tectonic movements in the Noril'sk region. M. L. Verba, *Uch. zap. NIIGA. Reg. geol.* no. 10 211-216 '67.

551 2(571 52)—Tuva A S S R

- Initiation and primary stages in the development of the Tuva intermontane trough. V. V. Volkov, *Trudy VSEGEI* 120 121-133 '67.
- Morphology and mechanism of the formation of the geosynclinal and transitional structures of the Western Sayan Mountains. I. N. Kazakov, *Trudy VSEGEI* 120 155-173 '67.

551 2(571 53)—Irkutsk Province

- Some characteristics of the structure of the Balka-Yenisey Fault in the Eastern Sayan Mountains. V. B. Liatskiy, *Trudy VSEGEI* 120 144-154 '67.

551 2(571 56)—Yakut A S S R

- Chlorites from quartz veins of the northern part of the Verkhoyansk Range. V. S. Apolov, V. N. Gerasimov, *Uch. zap. NIIGA. Reg. geol.* no. 10 156-161 '67.
- New data on boundaries, the history of the development of the Verkhoyansk pindmont and the nature of its convergence with the Vilyuy syncline. A. L. Kiselev, *Geotektonika* no. 184-99 1a-F '68.

551 2(571 6)—Soviet Far East

- Early Riphean "rudimentary" geosynclines of the Far East and their appearance on the platform basement. A. M. Smirnov, *Geotektonika* no. 140-51 1a-1 '68.
- Marginal zones of activated platforms and their metallogeny. V. I. Kazanskiy, V. M. Terent'ev, *Izv. AN SSSR. Ser. geol.* no. 13-19 1a '68.

551 2(571 64)—Sakhalin Province

- Types and phases of Cenozoic folding in Sakhalin. S. D. Galt'shev-Berluk, *Geotektonika* no. 120-29 1a-F '68.

551 2(574)—Kazakh S S R

- Characteristics of the tectonics of the subsalt floor in the northern part of the Ural and Volga interfluvies. I. M. Bovaev, I. I. Shmal'skiy, *Geotektonika* no. 120-27 1a-F '68.
- Geology and petrochemical characteristics of intrusions of the Dzhalagatinsk complex of the Karkaralinsk region (central Kazakhstan). R. N. Sobolev, I. L. Doronkov, I. I. Migdisova, *Izv. vuzov, ucheb. zav., inzh. i gaz.* 11 no. 2 29-33 1 '68.

551 2(575)—Central Asia

- Genetic types of sagging areas in the middle part of Central Asia and general directions in their development. A. G. Babayev, *Uch. zap. NIIGA. Reg. geol.* no. 10 3-8 '66.

551 2(597 7)—North Vietnam

- Strikes of structures of North Vietnam according to geological and aeromagnetic data. I. A. Rezanov, Nguyen Van Shan, *Izv. vuzov, ucheb. zav., inzh. i gaz.* 11 no. 2 3-8 '68.

551 2(600)—West and North Central Africa

- Extension of elements of the structure of West Africa to the bottom of the ocean. V. M. Lavrov, V. N. Syzanskiy, *Dokl. AN SSSR* 177 no. 4 897-900 10 '67.

551 2(608)—Arctic and North Polar regions

- Recent tectonics of the Arctic. N. P. Pustikov, A. I. Grachev, *Uch. zap. NIIGA. Reg. geol.* no. 11 174-197 '67.
- Rift system of the Arctic. A. F. Grachev and others, *Uch. zap. NIIGA. Reg. geol.* no. 10 65-70 '67.

551 3 EXTERNAL GEODYNAMICS EXOGENOUS PROCESSES

- Analysis of the correctness of weather forecasts in the evaluation of the degree of the danger of mudflows. V. R. Ryndina, *Trudy KazNIGMI* no. 29 55-58 '67.
- Chronologic relations of the stages of mountain glaciation to rhythms of seismic and volcanic activity. E. V. Maksimov, *Dokl. AN SSSR* 177 no. 5 1151-1154 10 '67.
- Classification of rock variations in sediments of carbonate flysch. S. L. Afanas'ev, *Izv. vuzov, ucheb. zav., inzh. i gaz.* 11 no. 2 23-28 '68.
- Effect of hydrogeological factors on the results of geothermal measurements. R. I. Kutas, V. I. Lial'ko, M. M. Myrnyk, *Dop. AN URSSR. Ser. B* 29 no. 12 1077-1081 10 '67.

- Effect of river rapids (local erosion base) on the development of karst structures. S. I. Zhukovskiy, *Trudy Lenghdroekta* no. 1 45-67 '66.

- Geological activity of ancient European glacial shields. A. A. Ascy, *Biul. Kom. chety. per.* no. 34 10-21 '67.

- Permanently frozen grounds of the earth. N. A. Gray, *Priroda* no. 1 46-53 '68.

- [Research on turbulent homogeneous streams and streams carrying suspensions.] *Issledovaniya odnorodnykh i vzvessennosushchikh turbulentnykh potokov*. Kiev, "Naukova dumka," 1967. 122 p. (Respublikanskii mezhvedomstvennyi sbornik Gidromekhanika)

- Some geochemical criteria in the study of moraine sediments. V. K. Lukashov, G. V. Sivchuk, *Dokl. AN SSSR* 11 no. 10 926-929 10 '67.

- Synclinal characteristics of sediments connected with the action of tides. B. A. Sokolov, A. A. Chistakov, *Lit. i pol. iskop.* no. 6 96-98 N-D '67.

551 3(470)—European U S S R

- Ancient valleys in the northeastern part of the Baltic Shield. A. V. Nikonov, *Dokl. AN SSSR* 177 no. 5 1155-1158 10 '67.

- Classification of igneous rock formations of the synclinal zone of the Votynsky belt. V. D. Shumarev, *Dokl. AN SSSR* 177 no. 5 1163-1165 10 '67.

551 3(476)—White Russian S S R

- Boundary of Valdai glaciation in northern White Russia. L. E. Puzanov, E. N. Vornichuk, *Biul. Kom. chety. per.* no. 31 50-60 '67.

551 3(477)—Ukrainian S S R

- Facies and cyclic analysis of Middle Carboniferous sediments of the Bokove syncline in the Donets Basin. A. K. Mykhailov, *Dop. AN URSSR Ser. B* 30 no. 131-35 1a '68.

551 3(479)—Caucasus and Transcaucasia

- Quaternary glaciations of the Kudara basin in the western Caucasus. B. L. Solov'ev, *Biul. Kom. chety. per.* no. 34 61-76 '67.

551 3(479 22)—Georgian S S R

- Mud volcanoes in eastern Georgia and their connection with oil and gas potentials of the region. T. P. Eshvaldze, *Izv. vuzov, ucheb. zav., inzh. i gaz.* 8 no. 12 10-12 '65.

551 3(479 24)—Azerbaijan S S R

- A geological feature of some structures in the Dzheyranch-echnashko-Kura archipelago, complicated by mud (gas oil) volcanoes. A. N. Gasanov, Z. A. Buniat-Zade, Ch. A. Khalilov, *Azerb. neft. khov.* 46 no. 12, 11-13 10 '67.

- Possibilities for studying the geological structure of shoals and underwater mud volcanoes by radiometric surveys. I. G. Asadov, V. I. Kulkov, *Azerb. neft. khov.* 46 no. 12, 1-2 10 '67.

551 3(571)—Asiatic R S F S R

- Correlated action of endogenous and exogenous relief-forming factors. A. A. Zemtsov, *Izv. Akad. Geog. obsh. SSSR* no. 8 3-10 '67.

551 3(571 56)—Yakut A S S R

- Glaciation on the right bank of the lower reaches of the Lena River. R. O. Galabala, *Izv. vuzov, ucheb. zav., inzh. i gaz.* 12, 23-29 10 '67.

551 3(571 6)—Soviet Far East

- Hydrogeochemistry of some elements in the weathering of intrusive bodies under conditions of the Far East. A. A. Kolotov, B. A. Kolotov, *Dokl. AN SSSR* 177 no. 5 1186-1189 10 '67.

551 3(574)—Kazakh S S R

- Role of the general atmospheric circulation in the formation of the basic long-range conditions of mudflow activity in southeastern Kazakhstan. I. P. Fadeeva, *Trudy KazNIGMI* no. 29 19-25 '67.

- Some possibilities in the determination of the danger of mudflows in river basins of the northern slope of the Trans-Ili Alatau. R. S. Golubov, V. R. Ryndina, *Trudy KazNIGMI* no. 20 12-48 '67.

- Synoptic processes preceding mudflows of shover origin in the Bol'shiyaya and Malaya Almatinka basins. T. A. Eserkepova, *Trudy KazNIGMI* no. 20 26-35 '67.

551 3(609)—Antarctica. South Polar regions

- Characteristics of variations of the magnetic field in the vicinity of the maximum auroral zone. N. A. Millaev, *Inform. biul. Sov. antark. eksp.* no. 64 31-35 '67.

- Observations on ice in the Scotia Sea. B. A. Ialovov, O. N. Teplyshev, *Inform. biul. Sov. antark. eksp.* no. 64 24-27 '67.

- Recently discovered ice domes in the coastal part of Queen Maud Land. I. A. Kruchinin, *Inform. biul. Sov. antark. eksp.* no. 64 45-47 '67.

- Times of the formation of ice in the part of the Davis Sea. V. L. Lebedev, S. P. Levikov, S. P. Smirnov, *Inform. biul. Sov. antark. eksp.* no. 64 48-51 '67.

551 4 GEOMORPHOLOGY

Correlation of chloride and sulfate ions in natural waters, L. I. Piskunov. Dokl AN SSSR 176 no 5 1160-1162 O '67

Changes in the low-water discharge of the river water reservoirs of peat deposits. A. G. Bulavko, I. A. Kuklin. Tsvetom 45 no 1-11 '68

Determining the thickness of the earth's crust and regularities of its structure on the basis of phase characteristics of the Mohorovicic discontinuity. I. Sh. Rakhimova, M. N. Golovach. Geofiz. sbor. 10 no 20 5-22 '67

Generalized schematic of a thermal distillation system. O. A. Karsadach, G. N. Kostenko, Teploenergetika 15 no 1-78-81 Ja '68

Method for determining saturated runoff ratios for drainage purposes. I. U. V. Krasno, Tsvetom 45 no 11-13 '68

Origin of cancelled undulating moraine relief. B. A. Pyetko, M. E. Vygodchik. Izv. vuz. uch. zap. geol. 11-12-13 '68

Stratum-30 in the Danube River and the adjacent international zone of the Black Sea. G. G. Polukhov, and others. Gidrobiol. zhurn. 1 no 6 68-71 '67

Testing by facts the theory of continental drift. U. B. Khalilov. Uch. zap. NIIGA Reg. geol. no 10 71-78 '67

Upper mantle of the earth. S. I. Subbotin. Geofiz. sbor. 10 no 19 5-12 '67

551 4(282 24)—European rivers

Eleventh International Conference on Limnological Research of the Danube River. I. A. Tselib. Gidrobiol. zhurn. 3 no 6 85-87 '67

551 4(4)—Europe

Structure of the earth's crust in the southeastern part of Europe. V. B. Sollogub. Geofiz. sbor. 10 no 19 13-30 '67

551 4(471 54)—Sverdlovsk Province

Improving the accuracy of estimates for the maximum flow rates of small rivers and canals in the Sverdlovsk and Tyumen' Provinces. V. P. Petropavlov. Tsvetom 45 no 11-15 '68

551 4(471 6)—Northern Caucasus

Basic features of the subsurface structure of the northern Black Sea region and western Ciscaucasia. I. A. Garkalenko and others. Geofiz. sbor. 10 no 20 29-33 '67

551 4(477)—Ukrainian S. S. R.

Basic features of the subsurface structure of the northern Black Sea region and western Ciscaucasia. I. A. Garkalenko and others. Geofiz. sbor. 10 no 20 29-33 '67

Development of hydrochemical research in the Ukrainian S. S. R. during the last 50 years. I. U. G. Mal'shchuk, A. I. Denisova. Gidrobiol. zhurn. 3 no 6 18-23 '67

Methods of studying subsurface, Krivoy-Rog type, geological structures with the help of gravity prospecting. K. F. Tlapin. Geofiz. sbor. 10 no 19 56-59 '67

551 4(477 8)—Western Ukraine

Geological conditions governing the development and characteristics of the manifestation of karst in Silurian sediments of the Podolian part of the Russian Platform. O. D. Kucheruk. Dop. AN URSR Ser. B 20 no 12 1061-1064 D '67

551 4(479 22)—Georgian S. S. R.

History of geomorphological development of the upper Bol'shiye Likhvi basin. T. S. M. Matsuradze, Soob. AN Gruz. SSR 47 no 1 97-102 J1 '67

551 4(571)—Asiatic R. S. F. S. R.

Productivity and biological cycle in moss swamps of southern Vasyugan'ye. N. I. Bazilevich. Rast. res. 3 no 4 567-588 '67

Relationship of relief stages and rock complexes of the northeast of the U. S. S. R. A. A. Naimark, Izv. vuz. uch. zap. geol. 11-12-13 '68

Swamp productivity in Western Siberia. N. I. Plavchenko, Rast. res. 3 no 4 523-533 '67

Where Mangazeya once stood. B. N. Likhonov. Priroda no 1-92-98 '68

551 4(571 12)—Tyumen' Province

Improving the accuracy of estimates for the maximum flow rates of small rivers and canals in the Sverdlovsk and Tyumen' Provinces. V. P. Petropavlov. Tsvetom 45 no 11-15 '68

551 4(571 15)—Altai Territory

The development of relief and the neotectonics of the Altai Mountain region. O. A. Rakovets, Izv. Alt. otd. Geog. ob-va SSSR no 8 11-16 '67

A review of literature on the geomorphology and history of the Cenozoic period in the Altai Mountains. M. F. Rozen, Izv. Alt. otd. Geog. ob-va SSSR no 7-47-85 '66

551 4(99)—Antarctica South Polar regions

Geomorphological observations in the Prince Charles Mountains. V. N. Petrov. Inform. biul. Sov. antark. eksp. no 64 5-9 '67

Hydrographic characteristics of the coastal area of Matsuyama Cape and Stroutley Island. I. G. Petrov, E. I. Ignatov, S. S. Chukovskii. Inform. biul. Sov. antark. eksp. no 64 26-30 '67

551 43 MOUNTAINS, TERRACES, VALLEYS

551 43(470)—European U. S. S. R.

Altitude valleys in the northeastern part of the Baltic Shield. A. A. Nikonov. Dokl. AN SSSR 177 no 5 1155-1156 D '67

551 43(471 316)—Yaroslavl Province

Geology of the Volga Valley above Kalinin. V. I. Mavvskii. Uch. zap. Kal. gos. ped. inst. 41 3-59 '67

551 43(471 331)—Kalinin Province

Geology of the Volga Valley above Kalinin. V. I. Mavvskii. Uch. zap. Kal. gos. ped. inst. 41 3-59 '67

551 43(571 15)—Altai Territory

Glacio-nival relief of the Korgon and Bashchelak Ranges in the Altai Mountain region. O. M. Adamenko. Izv. Alt. otd. Geog. ob-va SSSR no 7-26-32 '68

551 44 CAVES UNDERGROUND RIVERS, LAKES, ETC KARST TOPOGRAPHY

Searching for underground water. I. U. Bodrov. Tekhn. volozh. 25 no 10 24-25 O '66

551 44(471 331)—Kalinin Province

Lakes of Khachin Island. L. D. Zakulenkova, A. A. Nazarov. Uch. zap. Kal. gos. ped. inst. 44 85-98 '67

Materials of observation on the ravine-gorge network in different regions of Kalinin Province. V. G. Kalymkova. Uch. zap. Kal. gos. ped. inst. 41 61-71 '67

551 44(471 531)—Komi-Permyak National District

Features of hydrography and hydrological conditions of the Nem River. V. P. Gladkov. Tsvetom 45 no 15 98-108 '67

Materials on the hydrochemistry of some lakes on the eastern part of the Bol'shezemel'skaya Tundra. T. A. Vlasova, I. P. Goldina. Tsvetom 45 no 15 98-108 '67

551 44(474 2)—Estonian S. S. R.

Effect of rivers rapids (local erosion base) on the development of karst structures. S. I. Zhukovskii. Tsvetom 45 no 4 45-67 '66

551 44(477)—Ukrainian S. S. R.

Geological conditions and characteristics of karst manifestation in the Tortonian limestone of the Solov'yovo-Podolian region. O. D. Kucheruk. Dop. AN URSR Ser. B 30 no 1 26-31 Ja '68

551 45 PLAINS, PRAIRIES, STEPPES, ETC DESERT

551 45(471 331)—Kalinin Province

Effect of the regime of the Moscow Sea on the development of swamps in the zone of raised groundwater. A. G. Ermel'tanov. Uch. zap. Kal. gos. ped. inst. 44 167-176 '67

Types of swamps of Kalinin Province and their distribution. V. A. Lavrov. Uch. zap. Kal. gos. ped. inst. 44 113-134 '67

551 45(575 1)—Uzbek S. S. R.

Conference on desert pastures. M. G. Shatakaia. Urb. biol. zhurn. 11 no 6 66-67 '67

551 46 OCEANOGRAPHY SUBMARINE TOPOGRAPHY

Analysis of pulsation observations in the atmospheric layer near the water surface. S. A. Kitagorodskii. Izv. AN SSSR Fiz. atm. i okeana 3 no 12 1312-1325 D '67

Coefficients of eddy diffusion and viscosity in large-scale motions of the ocean and atmosphere. V. M. Kamenkovich. Izv. AN SSSR Fiz. atm. i okeana 3 no 12 1326-1333 D '67

Determination of the effective radiation of the ocean's surface by total radiation. N. A. Timofeev. (Tsvetom) Mor. gidrof. inst. AN URSR 38 46-64 '67

Does the Gulf Stream exist? A. D. Dobrodol'skii. Priroda no 1-105 '68

Effect of the movement of a buoy on measurements of the friction stress and velocity of wind. S. Pond. Izv. AN SSSR Fiz. atm. i okeana 3 no 12 1305-1311 D '67

Acies in V. Simolin, URSR

Methods for measuring the electrostatic field in the sea. V. I. Lopatinikov, R. V. Smirnov, B. I. Novikov. (Tsvetom) Mor. gidrof. inst. AN URSR 38 120-128 '67

Some computation results of short wave radiation in the system ocean - atmosphere. N. A. Timofeev. (Tsvetom) Mor. gidrof. inst. AN URSR 38 65-79 '67

Some research data on the polarization of daylight in the sea. M. V. Kargorodskii. (Tsvetom) Mor. gidrof. inst. AN URSR 38 169-179 '67

551 46(26)—Oceans Seas

Hydraulic interrelationship of the Aral Sea with adjacent arctic basins. N. N. Khodolubsky, D. U. Miraliev, G. N. Salimova. Uch. zap. Kal. gos. ped. inst. 40 3 58-63 '66

551 46(261)—Atlantic Ocean

Annual changes in the regime of atmospheric circulation and temperature and ice conditions connected with them in the northern parts of the Pacific and Atlantic Oceans. A. I. Sorokina, M. G. Vlasova. Tsvetom 45 no 10 176-145 '67

Determination of the discharge of the Antarctic convergence into the Atlantic Ocean. S. G. Bogdanovskii. (Tsvetom) Mor. gidrof. inst. AN URSR 38 36-41 '67

Results of research on the external heat balance of the Atlantic Ocean. T. V. Shakhmurova, E. N. Shubova. (Tsvetom) Mor. gidrof. inst. AN URSR 38 80-91 '67

Some results of geological-geomorphological profiling using the echo sounder NCL-5R on the Bataisk training ship in 1961 (Barents Sea and the seas of the north-eastern Atlantic). V. D. Dibner, A. V. Postnikov. Uch. zap. NIIGA Reg. geol. no 10 217-222 '67

Thermal characteristics of the surface layer in the Atlantic Ocean. V. I. Belyaev, V. F. Shapkin. (Tsvetom) Mor. gidrof. inst. AN URSR 38 3-23 '67

551 46(261 1)—North Atlantic Ocean

Calculation examples of three-current velocity components at a specified density field in the North Atlantic Ocean. A. S. Skakhsian and others. (Tsvetom) Mor. gidrof. inst. AN URSR 38 21-35 '67

Formative conditions of depth and near-bottom waters in the Labrador basin. I. G. Paranchikov, O. M. Bichukova. (Tsvetom) Mor. gidrof. inst. AN URSR 38 102-108 '67

551 46(261 2)—North Sea English Channel

Role of Stokes flow in storm flooding of the North Sea's southern shore. R. N. Ivanov, S. T. Kaminskii. (Tsvetom) Mor. gidrof. inst. AN URSR 38 12-45 '67

551 46(262 5)—Black Sea

Free carbonic acid and separate forms of sulfur compounds in the water of the Black Sea. B. A. Skopintsev, M. P. Maksimova. (Tsvetom) Mor. gidrof. inst. AN URSR 38 129-135 '67

Reduction-oxidation potential of the intermediate zone of the Black Sea. E. V. Smirnov, N. N. Romenskaya. (Tsvetom) Mor. gidrof. inst. AN URSR 38 143-152 '67

Results of research on the external heat balance of the Black Sea collected by the research vessel "Mikhail Lomonosov". T. V. Shakhmurova, E. N. Shubova. (Tsvetom) Mor. gidrof. inst. AN URSR 38 92-101 '67

Some problems of uranium content in the waters of the Black and Azov Seas. B. A. Skopintsev, T. P. Popova. (Tsvetom) Mor. gidrof. inst. AN URSR 38 136-142 '67

551 46(262 8)—Caspian Sea

Decarbonization of seawater for the purpose of preparing it for injection into oil formations. I. Z. Maknitskii, B. G. Nikomarov. Izv. vuz. uch. zap. geol. 11-12-13 '68

551 46(268)—Pacific Ocean

Annual changes in the regime of atmospheric circulation and temperature and ice conditions connected with them in the northern parts of the Pacific and Atlantic Oceans. A. I. Sorokina, M. G. Vlasova. Tsvetom 45 no 10 176-145 '67

Heat content of waters of the northern part of the Pacific Ocean. A. M. Muromtsev. Tsvetom 45 no 10 62-60 '67

Hydrology of the Kurashio and adjacent regions of the Pacific Ocean. I. U. V. Makarov. Tsvetom 45 no 10 102-133 '67

Mixing of waters in the northern part of the Pacific Ocean. V. M. Gruzinov. Tsvetom 45 no 10 91-101 '67

Vertical circulation of waters in the northern tropical and equatorial zones of the Pacific Ocean. R. R. Belevich. Tsvetom 45 no 10 3-61 '67

551 46(267 5)—Red Sea

Hydrological phenomenon in the Red Sea. V. N. Vinogradov. Priroda no 1 108 '68

551 46(268)—Arctic Ocean

Some results of geological-geomorphological profiling using the echo sounder NCL-5R on the Bataisk training ship in 1964 (Barents Sea and the seas of the north-eastern Atlantic). V. D. Dibner, A. V. Postnikov. Uch. zap. NIIGA Reg. geol. no 10 217-222 '67

551 48 SURFACE WATERS

Cold temperature coefficients in the tall waters of the hydroelectric power station. N. M. Sokol'nikov. Tsvetom 45 no 4 140-143 '66

Genetic method for flood calculation by the use of an electronic simulation device. I. A. Shkilemanov. Tsvetom 45 no 4 127-139 '66

Estimate survey for engineering purposes in river beds and lakes. O. K. Voronkov, I. U. A. Latov. Trudy Leningradskogo gos. univ. no. 4 91-98 '66

Stratigraphy of the interfluve of the central Lyga and upper Pechora. Forecast evaluation of the flotation of peat. R. N. Optimov. Trudy Komi fil. AN SSSR no. 15 76-83 '67

551.48(282.25)—Asian rivers

Some characteristics in the development of the water system of the Salan Range. A. M. Maloletko. Izv. Alt. otd. Geog. ob-va SSSR no. 8 29-39 '67

551.48(471.33)—Kalinin Province

Hydrologic regions of Kalinin Province. G. T. Zagorskii. Uch. zap. Kal. gos. ped. inst. 41-99-III '67.

551.48(471.67)—Dagestan A. S. S. R.

Maximum discharge of the Sulak River. A. L. Gershtman, L. V. Vasil'eva. Trudy Leningradskogo gos. univ. no. 119-126 '65.

551.48(478)—Moldavian S. S. R.

Decrease of runoffs of Moldavian rivers as related to soil structure changes. N. A. Kiyavchenko, E. M. Fegorov. Vop. vod. khoz. Mold. no. 1 83-91 '61

Full use of water resources in Moldavia. G. F. Ruban. Vop. vod. khoz. Mold. no. 1 11-14 '64

Matter suspended in the water of Daicatu River and its effect on the choice of treatment method. I. A. L. Fainshil'. Vop. vod. khoz. Mold. no. 1 79-81 '61

Relation between maximum rainfall flood discharges as recorded at certain times and relative daily averages in Prut River. K. I. Ivanov. Vop. vod. khoz. Mold. no. 1 73-78 '64

Studying the discharge of Moldavian rivers. G. G. Bova. Vop. vod. khoz. Mold. no. 1 69-74 '64

551.48(571.15)—Altai Territory

Estimates of the maximal runoff of rivers in the Altai Mountain region. B. V. Fushchevskii. Izv. Alt. otd. Geog. ob-va SSSR no. 8 102-105 '67.

History of the study of the water resources of the Altai Mountain region, a brief review of literature. M. F. Rozca. Izv. Alt. otd. Geog. ob-va SSSR no. 8 40-48 '67.

Lakes and swamps in the forest-steppe areas of the Bira and Chumysh Valleys. N. I. Proshina. Izv. Alt. otd. Geog. ob-va SSSR no. 8 101-102 '67

Waterfalls of the Kuray Range. Z. I. Istrem'skaya. Izv. Alt. otd. Geog. ob-va SSSR no. 8 97-99 '67.

551.48(571.50)—Yakut A. S. S. R.

Paradise of ancient Cretaceous valleys by the recent drainage system in the northeastern part of the Siberian Plateau. N. A. Borshcheva. Uch. zap. NIIGA Reg. geol. no. 10 41-52 '67

551.48(574)—Kazakh S. S. R.

Lakes in the mountains and deserts of southern Kazakhstan, their potentialities, and the ways of their commercial use. G. G. Muraviev. Vest. AN Kazakh. SSR 23 no. 10:38-45 O '67.

551.49 UNDERGROUND WATERS

Accuracy of hydrodynamical calculation. V. V. Portnovskii. Izv. vys. ucheb. zav.; geol. i razv. 12:98-101 D '67.

Determination of the change in the concentration of metal in underground flow. S. P. Abul. Izv. vys. ucheb. zav.; geol. i razv. 11 no. 2:72-81 F '68.

Determination of the coefficient of piezoresistivity by experimental drainage. P. N. Kostukovich. Dokl. AN BSSR 11 no. 12:1107-1108 D '67.

Methodology of the calculation of thermal water reserves using electric modeling. V. I. Lini'ko, M. M. Mytnyk, V. H. Trachenko. Geol. zhur. 27 no. 6 29-39 N-D '67

[Research and calculations on filtration] Fil'tratsionnye issledovaniia i raschety. Kiev, "Naukova dumka," 1967. 73 p. (Respublikanskiy mezhdovedomstvennyi sbornik Gidromekhanika).

Russia (U. S. S. R.) Ministerstvo geologii. [Catalog of hydrogeological instruments recommended for the use in organizations of the Ministry of Geology of the U. S. S. R.] Katalog gidrogeologicheskikh priborov, rekomenduemykh dlia ispol'zovaniia v organizatsiakh Ministerstva geologii SSSR. Moskva, 1967. 22 p.

Studying the dynamics of water movement in soils using tritium. V. V. Rachinskii, L. A. Lenskii. Izv. TSKHA no. 3:107-116 '68.

Time length of pumping out during the testing of water-bearing horizons. I. A. Skaballanovich. Razved. i okh. neдр 34 no. 1:52-54 Ja '68.

551.49(211)—Cold frigid regions

Method of compiling small-scale, permafrost, hydrogeological maps. K. A. Kondrat'eva, N. M. Chirzova. Razved. i okh. neдр 34 no. 1:48-52 Ja '68.

551.49(234)—Mountains of Europe

Chemical zonality of underground waters of the Southern Timan Range. V. I. A. Krivosheev. Dokl. AN SSSR 176 no. 5:142-145 O '67.

551.49(235)—Mountains of Asia

Role of the Eastern Sayan in the feeding and forming of pressures of deep water- and brine-bearing complexes of the Inghra-Lena artesian basin. G. I. A. Bogdanov, T. I. Gavril'. Izv. vys. ucheb. zav.; geol. i razv. 11 no. 2:82-90 F '68

551.49(478)—Moldavian S. S. R.

Underground water resources of Moldavian S. S. R. G. N. Assovskii. Vop. vod. khoz. Mold. no. 1 3-10 '64

551.49(479.24)—Azerbaijan S. S. R.

Division of Miocene waters in the Binyady-Chakhnaglyar-Salutpe group of fields. G. S. Aiello. Nefteprom delo no. 1 7-10 '68

Effect of paleogeographic conditions on the formation of water in the productive strata of the Apsheron oil- and gas-bearing region. B. S. Moldavskii. Izv. vys. ucheb. zav.; neft' i gaz 10 no. 9 80, 116 '67

551.49(571.53)—Irkutsk Province

Subsurface brines of Irkutsk Province are valuable raw materials for the chemical industry. N. G. Rudenko, N. V. Bavi, K. M. Shapiro. Trudy IPi no. 27 76-79 '66.

551.49(574)—Kazakh S. S. R.

Filter-free exploitation of artesian water-bearing horizons in the northeastern portion of the Aral Sea region. I. M. Chernenko. Izv. vys. ucheb. zav.; geol. i razv. 11 no. 2:113-114 F '68

Searches of underground seas. T. Bogdanova. Nar. khoz. Kazakh. 25 no. 11:87-89 N '67.

551.49(575)—Central Asia

Composition of underground waters of some mercury-antimony deposits of Central Asia. D. S. Mukhinov. Izv. vys. ucheb. zav.; geol. i razv. 11 no. 1 69-75 Ja '68

551.49(575.1)—Uzbek S. S. R.

Evaluation of paleohydrogeological conditions in the Tashkent artesian basin. V. G. Tyuminskii, A. N. Sultankhodzhev, I. M. Rozanova. Urb. geol. zhur. 10 no. 3 61-68 '66

551.49(575.3)—Tajik S. S. R.

[Underground waters of Tajikistan and problems of melioration] Podzemnye vody Tadzhikistana i voprosy melioratsii. Dushanbe, "Donik," 1967. 277 p.

551.5 METEOROLOGY CLIMATOLOGY

Analysis of pulsat observations in the atmospheric layer near the water surface. S. A. Kitagorodskii. Izv. AN SSSR, Fiz. atm. i okeana 3 no. 12:1312-1325 D '67

Analysis of the correctness of weather forecasts in the evaluation of the degree of the danger of mudflows. V. R. Ryndina. Trudy KazNIGMI no. 29 55-58 '67

Calculation of the spectrum of particle sizes by running and integral values of the indicators in the field of small angles. K. S. Shifin, I. B. Kolmekov. Izv. AN SSSR, Fiz. atm. i okeana 3 no. 12:1271-1279 D '67

Coefficients of eddy diffusion and viscosity in large-scale motions of the ocean and atmosphere. V. M. Kamenskovich. Izv. AN SSSR, Fiz. atm. i okeana 3 no. 12:1326-1333 D '67.

Correction of frequency distortions of a thermomonometer. I. U. F. Anan'ev. Izv. vys. ucheb. zav.; prib. 9 no. 3:123-126 '66.

Determination of the radiation influx of heat in the surface layer of the atmosphere. R. G. Timonovskii. G. P. Papanova. Izv. AN SSSR, Fiz. atm. i okeana 3 no. 12:1250-1270 D '67

Dynamic meteorology and numerical short-range weather forecasting, on the 50th anniversary of the Soviet regime. M. I. Iudin. Izv. AN SSSR, Fiz. atm. i okeana 3 no. 12:1243-1258 D '67

Effect of an eclipse in the ozone zone of the solar spectrum of May 20, 1966. S. F. Rodionov and others. Izv. AN SSSR, Fiz. atm. i okeana 3 no. 12:1280-1291 D '67

Effect of orography and friction in a boundary layer on vertical movements in the free atmosphere. A. A. Kiselev. Trudy KazNIGMI no. 29:118-126 '67.

Effect of the movement of a buoy on measurements of the friction stress and velocity of wind. S. Pond. Izv. AN SSSR, Fiz. atm. i okeana 3 no. 12:1305-1311 D '67.

Efficient organization of meteorological observations during surveying operations. M. A. Kuznetsov. Trudy Leningradskogo gos. univ. no. 4:144-153 '68.

Fern form of a frost design. A. D. Zamorkait. Priroda no. 1:106 '68.

International conference on planning the "Global Atmospheric Research Programme (GARP)." G. S. Goltzay. Izv. AN SSSR, Fiz. atm. i okeana 3 no. 12:1334-1337 D '67.

Methods for automatic measurement of the characteristics of polydispersed systems. I. B. Kolmekov. Izv. vys. ucheb. zav.; prib. 9 no. 3:68-71 '66.

Problem of blue clouds. N. I. Grishin. Astron. vest. 2 no. 1:3-18 Ja-Mr '68.

Secular variations in the elements of the earth's orbit and their effect on the climates in the geological past. Sh. G. Sharaif, N. A. Budnikova. Bul. Inst. teol. astr. no. 4 231-261 '67.

Semiautomatic filming of noctilucent clouds. S. S. Voinov. Astron. vest. 2 no. 1:61-62 Ja-Mr '68

Study of parameters of precipitation particles in the free atmosphere. N. V. Krasnogradskaya, I. U. A. Kurilenko, I. M. Rybin. Izv. AN SSSR, Fiz. atm. i okeana 3 no. 12:1292-1301 D '67

551.5(471.33)—Kalinin Province

Wind regime of Kalinin Province. N. S. Shirokova. Uch. zap. Kal. gos. ped. inst. 41 73-84 '67.

551.5(471.53)—Komi A. S. S. R.

Calculation of evaporation from land surfaces using meteorological data. A. P. Bratitsky. Trudy Komi fil. AN SSSR no. 15:89-97 '67.

Evaporation from the land mass of the northeastern European territory of the U. S. S. R. A. P. Bratitsky. Trudy Komi fil. AN SSSR no. 15 49-64 '67.

551.5(477.9)—Crimea

Horizontal precipitation in the Crimean Mountains. I. P. Ved'. Priroda no. 1 86-89 '68

551.5(574)—Kazakh S. S. R.

Circulation conditions in the Malaya Almatinka in the winter season. V. P. Keld'berg. Trudy KazNIGMI no. 29 79-89 '67

Circulation conditions in the Medeo mountain valley in the warm period of the year. L. V. Budashkina. Trudy KazNIGMI no. 29 64-78 '67

Distribution of mountain-valley circulation in a piedmont plain. A. I. Kholkin. Trudy KazNIGMI no. 29 114-117 '67

Method for the prognosis of the amount of shower precipitation in mountain and piedmont regions of southeastern Kazakhstan in 24-36 hours. R. S. Golubov. Trudy KazNIGMI no. 29 3-18 '67

Radiation balance and mountain-valley circulation in a mountain valley. A. F. Platonova. Trudy KazNIGMI no. 29:100-113 '67

Role of the general atmospheric circulation in the formation of the basic long-range conditions of mudflow activity in southeastern Kazakhstan. I. P. Fadeeva. Trudy KazNIGMI no. 29 19-25 '67

Some characteristics of the distribution of summer precipitation in the Trans-Ili Alatau. M. Kh. Baidal. Trudy KazNIGMI no. 29 40-54 '67

Some possibilities in the determination of the danger of mudflows in river basins of the northern slope of the Trans-Ili Alatau. R. S. Golubov, V. R. Ryndina. Trudy KazNIGMI no. 29 42-48 '67

Synoptic processes preceding mudflows of shower origin in the Bol'shaya and Malaya Almatinka basins. T. A. Eserepova. Trudy KazNIGMI no. 29 26-35 '67

Testing the method of Tsilgoglyum for rain forecasting in the Trans-Ili Alatau. M. Kh. Baidal. Trudy KazNIGMI no. 29 36-41 '67

551.5(72)—Mexico

Climatic conditions of Mexico In October. E. B. Gipponreitor. Teor. i prak. fiz. kul't. 30 no. 1:27-29 Ja '67.

551.5(99)—Antarctica. South Polar regions

Characteristics of a multilayered tropopause in Antarctica. L. A. Gavrilova, G. A. Mamayeva. Inform. biul. Sov. antark. eksp. no. 64 10-14 '67.

Penetration of solar radiation into the surface layer of continental ice. M. A. Kuznetsov. Inform. biul. Sov. antark. eksp. no. 64 19-23 '67.

Some characteristics of the structure of the lower layer of the troposphere in Central Antarctica. I. I. Tsigel'nitskii. Inform. biul. Sov. antark. eksp. no. 64:15-18 '67.

551.59 VARIOUS ATMOSPHERIC PHENOMENA, INFLUENCES

Aurorae. V. I. Krasovskii. Geomag. i aer. 7 no. 6:645-937 '67.

Hydrogen distribution in the upper atmosphere according to observations of H 6563 A in the luminescence spectrum of the night sky. L. M. Flakova, N. M. Martavaldze. Geomag. i aer. 7 no. 6:1021-1025 '67.

551.7 HISTORICAL GEOLOGY. STRATIGRAPHY Geological activity of ancient European glacial shields. A. A. Asev. Biul. Kom. chetv. per. no. 34:10-21 '67.

Geology and the exact sciences. B. P. Vysotskii. Priroda no. 1 63-65 '68

Scientific mission to Hungary to the Symposium on the Szeklet Culture. B. I. Gromov. Biul. Kom. chetv. per. no. 34:150-155 '67.

551.7(235)—Mountains of Asia

Stratigraphic position of the Oka and Mongolian series in the Pre-Cambrian cross section of the Oka basin (Eastern Sayan). A. D. Smirnov, D. N. Altkhov, Izv. vys. ucheb. zav.; geol. i razv. 12:18-22 D '67.

Stratigraphy of Pre-Cambrian metamorphic complexes of western Tuva, the Western Sayan Mountains and Gornyy Altai. M. A. Chernomorskiy. Trudy VSEGEI 120:82-82 '67.

551 7(470)—European U.S.S.R.

Characteristics of the mineralogical composition of Quaternary sediments in the Dnieper-Donets interfluve. B. G. Gurshin, A. V. Shubinskiy. Dokl. AN SSSR 11 no. 12 1095-1097 D '67.

Crystalline basement of the Ryzin-Salaitov Trough and adjacent regions of the Voronezh-Tomsk anticlines. M. M. Vsevolodskaya, M. I. Ostrowskiy. Dokl. AN SSSR 177 no. 4 893-896 D '67.

Search for Paleolithic stone implements in the Volga-Don interfluve. N. D. Prizlov. Bul. Kom. chetv. per. no. 34 120-126 '67.

Trip to Yugoslavia to the Symposium of Subcommittee of the IUGA on the Stratigraphy of Loess of Europe. I. K. Ivanova. Bul. Kom. chetv. per. no. 34 156-163 '67.

Upper Riphean as a subdivision of the all-European scale of the Precambrian. M. E. Rashev. Dokl. AN SSSR 177 no. 4 901-904 D '67.

551 7(471 327)—Penza Province

Subsurface structure of the Pachelma Trough and the history of its development in the Late Precambrian. A. A. Khavitsova. Izv. vys. ucheb. zav. geol. i razv. 11 no. 1 3 11 Ja '68.

551 7(471 6)—Northern Caucasus

Stratification of Upper Jurassic sediments in the central part of the northern slope of the Greater Caucasus. I. U. A. Stepanko, A. S. Sahagov. Izv. vys. ucheb. zav. nefte' i gaz. 10 no. 8 8-10 '67.

551 7(471 66)—Chechen-Ingush A.S.S.R.

New data on the stratigraphy of Cretaceous sediments in the northeast in part of Chechnya. V. D. Tatalava, I. U. A. Stepanko. Izv. vys. ucheb. zav. nefte' i gaz. 8 no. 9, 12, 20 '65.

551 7(470)—White Russian S.S.R.

Boundary of Valdai glaciation in northern White Russia. I. T. Puzanov, L. N. Voronchuk. Bul. Kom. chetv. per. no. 34 59-66 '67.

551 7(477)—Ukrainian S.S.R.

Coccolithophorids of Pliocene sediments of the Dnieper-Donets Lowland. S. A. Lavruha. Geol. zhur. 27 no. 6 91-98 N-D '67.

Distribution of accessory elements in rocks of gneiss formation of the eastern slope of the right-bank magnetic anomaly (middle part of the Krivoy Rog-Kremenchuk zone). V. M. Verbitskiy. Dop. AN URSR, Ser. B 30 no. 1 7-10 Ja '68.

Reptiles of the Khapry fauna complex. L. P. Aleksandrova. Bul. Kom. chetv. per. no. 34 87-98 '67.

Stratigraphic position of key horizons of Silurian tuffites of Volyn'-Podolia and the Pripet Swell. V. S. Krasulovskiy, M. A. Savchenko. Dop. AN URSR, Ser. B 29 no. 12 1057-1061 D '67.

Stratigraphy of the Lower Cretaceous deposits of the Dnieper-Donets interfluve within the southwestern margin of the Dnieper-Donets Lowland. V. M. Solov'yevskiy. Dop. AN URSR, Ser. B 30 no. 1 45-49 Ja '68.

Structure of the Skolevatsk fault. O. O. Horhevs'kiy. Dop. AN URSR, Ser. B 30 no. 1 10-12 Ja '68.

551 7(477 6)—Donets Basin

Boundary of the distribution of Devonian saliferous sediments within the northwestern margins of the Donets Basin. R. M. Smitskiy. Geol. zhur. 27 no. 6 58-72 N-D '67.

Description of the key section of Cretaceous flysch along the Dnieper River between Tereshov and Spis. O. S. Vinlov, N. V. Dubashina, A. I. Zhuravkovskiy. Geol. zhur. 27 no. 6 1-15 N-D '67.

551 7(477 8)—Western Ukraine

Deep structure of the Polutye-Bukovins portion of the Cis-Carpathian region. A. A. Orllov. Izv. vys. ucheb. zav. nefte' i gaz. 8 no. 9, 5-8 '65.

551 7(470)—Caucasus and Transcaucasia

New data on Lower Cretaceous sediments in the Dzhirgatal and Gadut regions (Lesser Caucasus). A. G. Khalilov, G. A. Aliev, R. B. Askerov. Dokl. AN Azerb. SSR 23 no. 4 38-40 '67.

Quaternary glaciations of the Kadra basin in the western Caucasus. B. L. Solov'ev. Bul. Kom. chetv. per. no. 34 61-76 '67.

551 7(479 24)—Azerbaijan S.S.R.

Buried Mesozoic structure in the coastal belt of the axial zone of the southeastern Caucasus. B. V. Grigor'yants, V. M. Muradian, E. A. Tagiev. Azerb. nefte' khoz. 46 no. 12, 3-6 D '67.

Determination of Lower Eocene sediments in the upper Shamkhorchay Valley (Kadabek region). T. Ab. Gasanov. Dokl. AN Azerb. SSR 23 no. 1 41-44 '67.

Facies and history of geologic development of the northeastern part of Kobaystan in the Albian stage. E. A. Khalilov. Dokl. AN Azerb. SSR 23 no. 4 28-31 '67.

551 7(571)—Asianic R.S.F.S.R.

B. F. Speranskii, an explorer of the rollof and loamy formations of the Salair Ridge. A. M. Maloletko. Izv. Al. old. Geog. ob-va SSSR no. 7, 41-46 '66.

Genetic contacts of the polymetallic deposits of the Kolyan-Voskresenska group with the first phase of the crystallization of granite in the Kolyan Massif. V. V. Potaplev. Izv. Al. old. Geog. ob-va SSSR no. 7 109-112 '66.

Mineralogical associations of Neocomian sediments in the central part of the West Siberian Plain. T. S. Ul'mayev. Izv. vys. ucheb. zav. geol. i razv. 11 no. 2 34-37 F '68.

Multiplicity of the periods of the continental formation of bauxite in the Salair Ridge. A. M. Maloletko. Izv. Al. old. Geog. ob-va SSSR no. 7 106-109 '66.

Principal features of the stratigraphy and tectonics of the ancient formations of the Salair Ridge. E. A. Ponomarev. Izv. Al. old. Geog. ob-va SSSR no. 7 103 '66.

The role of snow fields in the formation of slopes, based on the example of the Obi Valley. I. A. I. A. Demshin. Izv. Al. old. Geog. ob-va SSSR no. 7 86-91 '66.

Shelf-glacial formation of Western Siberia. V. A. Zubakov. Bul. Kom. chetv. per. no. 34 22-29 '67.

551 7(571 15)—Altai Territory

Devonian stratigraphy of the Anuv-Chuyka Trough (Gornyy Altai). E. N. Anov. Trudy VSEGEI 120 8-13 '67.

The most recent stratum in the vicinity of the settlement of Altash. P. M. Bondarenko, T. V. Deviatkin, I. G. Lisun. Izv. Al. old. Geog. ob-va SSSR no. 7 115-116 '66.

New materials on the stratigraphy of Paleogene, Neogene, and Paleocene formations in the lowlands of the southeastern Altai Mountain region. F. V. Deviatkin. Izv. Al. old. Geog. ob-va SSSR no. 7 20-25 '66.

New paleolithic finds at the foothills of the Altai Mountains. O. M. Adamenko, I. M. Gaiduk. Izv. Al. old. Geog. ob-va SSSR no. 8 24-28 '67.

Principal results of the study of Cenozoic formations in the Altai Mountain region. O. A. Rakovets. Izv. Al. old. Geog. ob-va SSSR no. 7 3-19 '66.

A review of literature on the geomorphology and history of the Cenozoic period in the Altai Mountains. M. F. Rozon. Izv. Al. old. Geog. ob-va SSSR no. 7 47-85 '66.

Stratigraphy of the ancient formations of the southeastern Altai Mountain region. V. A. Zybin. Izv. Al. old. Geog. ob-va SSSR no. 8 49-61 '67.

Upper Cambrian formations of the Altai Mountain region. M. F. Romanenko. Izv. Al. old. Geog. ob-va SSSR no. 7 103-106 '66.

Water-bearing characteristics of the Jurassic formations of the Solon Lowland. A. M. Maloletko. Izv. Al. old. Geog. ob-va SSSR no. 7 120-121 '66.

551 7(571 51)—Krasnoyarsk Territory

Devonian stratigraphy of Tuva and the Western Sayan Mountains. N. N. Pridtchenko. Trudy VSEGEI 120 34-61 '67.

551 7(571 511)—Taymyr National District

Composition and stratigraphic position of trachybasalts of the Yuyukh formation in the northeast of the Siberian Platform. N. N. Nagatseva, V. V. Rogozlan, T. K. Ivanova. Uch. zap. NIIGA Reg. geol. no. 10 202-207 '67.

New data on the stratigraphy and phosphorite potential of Devonian sediments in the surrounding area of Igarka. I. U. S. Kulikov. Uch. zap. NIIGA Reg. geol. no. 10 5-14 '67.

New stratigraphic scheme of the Pliocene-Pleistocene of the Ust'-Yenisey Depression. O. V. Suzdal'skiy and others. Uch. zap. NIIGA Reg. geol. no. 10 38-43 '67.

Role of biogenic precipitation of chemical elements as revealed by a study made of Quaternary marine mollusks in the lower Yenisey Valley. O. V. Suzdal'skiy. Uch. zap. NIIGA Reg. geol. no. 10 227-229 '67.

551 7(571 52)—Tuva A.S.S.R.

Devonian stratigraphy of Tuva and the Western Sayan Mountains. N. N. Pridtchenko. Trudy VSEGEI 120 34-61 '67.

Silurian of the southern slope of the Tannu-Ola Range. E. V. Vladimirova, A. V. Krivobrodova. Trudy VSEGEI 120 62-81 '67.

Stratigraphy of Pre-Cambrian metamorphic complexes of western Tuva, the Western Sayan Mountains and Gornyy Altai. M. A. Chernomorskiy. Trudy VSEGEI 120 82-92 '67.

551 7(571 56)—Yakut A.S.S.R.

Lower Cretaceous sediments of the inner flank of the Verkhnyansk Trough (Lena branch). B. N. Leonov, G. M. Pokrovskiy. Izv. AN SSSR, Ser. geol. no. 1 106-119 Ja '68.

Stratigraphy and paleogeography of the Lower Cenozoic of the Yana-Indigirka (Primorskyaya) Lowland. V. I. Katalainen. Uch. zap. NIIGA Reg. geol. no. 10 15-37 '67.

551 7(571 65)—Magadan Province

New scheme of the zonal division of the Lower Lias of the northeastern part of the U.S.S.R. I. V. Polubotko, I. U. S. Repin. Dokl. AN SSSR 176 no. 5 1134-1137 O '67.

551 7(574)—Kuzakh S.S.R.

Middle Oligocene sediments of the northern part of the Aral Sea region and the northern Ustyurt. V. A. Bronevov, L. G. Kirilukhin. Izv. AN SSSR, Ser. geol. no. 1 120-127 Ja '68.

551 7(575 1)—Uzbek S.S.R.

Devonian bruyites of southern Fergana. E. S. Gurkin, B. E. Dmitruk. Izv. AN SSSR Ser. geol. no. 1 84-85 Ja '68.

New data on the stratigraphy of Ordovician and Lower Silurian sediments of the Kul'dzhukau. I. A. B. Aisonov. Uch. zap. NIIGA Reg. geol. no. 10 3 21-26 '66.

New data on the stratigraphy of the Zhetysay Mountains. E. I. Barykova and others. Uch. zap. NIIGA Reg. geol. no. 10 3 27-33 '66.

Some features of the Neogene history of western Uzbekistan. O. A. Ryzhkov, V. S. Shein, N. G. Tyachenko. Izv. vys. ucheb. zav. geol. i razv. 11 no. 2 9-15 F '68.

551 7(575 3)—Tajik S.S.R.

Volume of the Cenomanian stage in the southwestern spurs of the Gissar Range. Kh. Kh. Mirkamalov, T. Kh. Kenzhikunov. Uch. zap. NIIGA Reg. geol. no. 10 3 34-38 '66.

551 7(98)—Arctic and North Polar regions

Recent tectonics of the Arctic. N. P. Puzanov, A. F. Grachev. Uch. zap. NIIGA Reg. geol. no. 11 174-197 '67.

551 8 PALEOGEOGRAPHY

Tectonic features of the northwestern part of the Black Sea in the Paleogene. A. V. Cherkunov. Geofiz. sbor. 10 no. 20 60-72 '67.

Paleomagnetism and the stability of continents. O. M. Rusakov. Geofiz. sbor. 10 no. 20 41-47 '67.

Using methods of mineral thermometry for the evaluation of crystal-bearing veins in the early stage of their prospecting. A. V. Koplov. Izv. vys. ucheb. zav. geol. i razv. 12, 64-68 D '67.

551 8(479 22)—Georgian S.S.R.

New data on the Paleozoic geology of the Khramskiy Massif of southern Georgia. A. A. Bolov. Izv. vys. ucheb. zav. geol. i razv. 12 3-11 D '67.

551 8(479 24)—Azerbaijan S.S.R.

Effect of paleogeographic conditions on the formation of water in the productive strata of the Apsheron oil- and gas-bearing region. B. S. Moldavskiy. Izv. vys. ucheb. zav. nefte' i gaz. 10 no. 9 80, 116 '67.

551 8(571 56)—Yakut A.S.S.R.

Heridity of ancient Cretaceous valleys by the recent drainage system in the northeastern part of the Siberian Platform. N. A. Boischeva. Uch. zap. NIIGA Reg. geol. no. 10 14-52 '67.

Stratigraphy and paleogeography of the Lower Cenozoic of the Yana-Indigirka (Primorskyaya) Lowland. V. I. Katalainen. Uch. zap. NIIGA Reg. geol. no. 10 15-37 '67.

552 PETROLOGY PETROGRAPHY

Anisotropy of the elastic properties of rocks. O. I. Silava, E. I. Baluk. Izv. AN SSSR Fiz. zem. no. 12 22-29 D '67.

Algon in soluble and insoluble fractions of sedimentary rocks. V. V. Chodintsev and others. Izv. AN SSSR Ser. geol. no. 1 62-69 Ja '68.

Association of minerals in the extreme potassium and sodium differentiates, of alkali intrusions, as revealed by a study made in the Khibiny and Synnyy Massifs. O. B. Dudkin, S. I. Zak, V. N. Gostika. Zap. Vses. min. ob-va 96 no. 5 567-576 '67.

Certain characteristics of shungite. V. D. Goroshko and others. Khim. tver. topl. no. 6 123-128 N-D '67.

Characteristics of shales from various deposits. V. M. Efimov, E. E. Pilik. Khim. tver. topl. no. 6 65-72 N-D '67.

Dependence of the attenuation factor of gamma radiation on the length of wave, porosity, and density for different types of rocks. A. R. Zaidel. Izv. vys. ucheb. zav. geol. i razv. 11 no. 1 15-17 Ja '68.

Determination of average size of open pores of granular reservoirs. I. U. B. Mekler. Uch. zap. NIIGA Reg. geol. no. 10 207-211 '67.

Determination of optimum parameters of prospecting network for revealing blind pegmatite bodies. V. S. Bulgakov, V. I. Panchenko. Izv. vys. ucheb. zav. geol. i razv. 12 55-63 D '67.

Determination of skeleton volume weight of sand-gravel soils. A. A. Kagan. Trudy Leningodproekt 4 48-50 '66.

Differentiation indices of canionites and essexite porphyrites. B. A. Mal'kov. Dokl. AN SSSR 177 no. 5 1174-1177 D '67.

Example of the effect of the depth of occurrence on petrographic and mechanical properties of sandstones. B. A. Lyukov, I. U. P. Zubarev, V. I. Nikolin. Izv. vys. ucheb. zav. geol. i razv. 11 no. 1 18-22 Ja '68.

Hydrothermal alteration of rocks in one of the uranium deposits. E. M. Stelkina. Izv. vys. ucheb. zav. geol. i razv. 11 no. 1 20-36 Ja '68.

Investigating genetic types of basic and thermally treated coals of the Donets Basin by the method of oxidizing decomposition. R. G. Il'fushenko, Khim. tver. topl. no. 6 31-39 N-D '67.

Investigating petroleum bitumens as binding agents for coal briquetting. I. U. A. Prokopchuk. Khim. tver. topl. no. 6 93-98 N-D '67.

1. Igniting the alcohol-benzene bitumen from the Babai lignite. N. P. Karapenko, N. M. Karavaev, R. A. Kharin. *Khim. tver. topl.* no. 6:73-78 N-D '67.

2. Investigating the porous structure of impregnated graphite, C. M. Butyrin and others. *Khim. tver. topl.* no. 6:129-134 N-D '67.

3. Using data of petrophysical studies in the geological zoning of the Lake Baikal region. N. B. Dmitriyev, A. A. Demin. *Razved. tekhn. nedr.* 31 no. 1:14-21 Jan '68.

4. Results and some results of the high-temperature rapid decomposition. I. F. Bogdanov and others. *Khim. tver. topl.* no. 6:89-92 N-D '67.

5. Deviate hydromines in carbonaceous polyfacial sediment. G. V. Karpova. *Lit. i pol. iskop.* no. 6:15-27 N-D '67.

6. Coal hazards in coal seams and colloidal structure of coal. L. L. Eltinger, L. E. Steinerberg. *Khim. tver. topl.* no. 6:6-13 N-D '67.

7. Practical geochemistry, a new branch of science, and its features of its formation in our country. V. V. Dolobov, D. N. Dolobovskiy. *Zap. Vses. min. obshch.* no. 5:3-5:11 '67.

8. Principles of the isolation and classification of metamorphic and plutonic-metamorphic formations. B. I. Anisimov. *Dokl. AN SSSR* 176 no. 5:1138-1141 O '67.

9. Problems on the regional tectonics of oil- and gas-bearing regions. Seventh World Petroleum Congress on April 3-8, 1967. Mexico City, Mexico. *Geotektonika* 1:112-116 Jan-F '68.

10. New methods for determining the strength of sedimentary rocks. E. I. Stetukha. *Izv. vys. ucheb. zav., geol. i razv.* 10 no. 4:31-35 '67.

11. Some possible ways of transporting silicon in aqueous solutions and under conditions of the formation of silica. I. P. Shcherbinin. *Dokl. AN SSSR* 177 no. 5:1200-1203 D '67.

12. Using aerial photograph interpretation for mapping ore-controlling and ore-localizing elements of structure. E. N. Smolov. *Razved. tekhn. nedr.* 31 no. 1:21-24 Jan '68.

13. New structural methods for the evaluation of physical properties of rocks under circumstances close to reservoir conditions. L. M. Maimorstein, M. M. Elanskii. *Uch. zap. NIIGA Reg. geol.* no. 10:185-193 '67.

14. Using the thermomechanical method of studying the metamorphic transformations of coal. V. I. Shustikov, M. V. V. Sedina. *Khim. tver. topl.* no. 6:40-45 N-D '67.

15. Volumetric method of determining silicon dioxide in coal ash. P. S. Oshopozova. *Khim. tver. topl.* no. 6:152-154 N-D '67.

552(234)—Mountains of Europe

Characteristics of the lithofacies and composition of rocks of the Poldnovoyskoye coal deposit on the eastern slope of the Ural. A. P. Feofilova, V. V. Pimenov. *Lit. i pol. iskop.* no. 6:28-44 N-D '67.

16. Metarhyolites of the northwestern part of the Sevan Range. G. S. Yurman. *Izv. AN Arm. SSR Nauki o zem.* 20 no. 4:85-95 '67.

17. Metagranites of the Hercynian intrusive-metamorphic complex in the southern part of the Pechora plateau of the Ural. M. V. Tishman, D. A. Goldin. *Trudy Inst. geol. Kom. fil. AN SSSR* no. 7:4-23 '67.

18. Origin of igneous rock blocks in the western margin of the Terek and Lesser-Kabardin Ranges. M. N. Smirnova, T. V. Pavlova. *Izv. vys. ucheb. zav., geol. i razv.* 11 no. 1:12-14 Jan '68.

19. Quantitative evaluation of matter in the serpentinization of peridotites. K. K. Zolov, G. N. Sudilovskiy. *Dokl. AN SSSR* 177 no. 5:1182-1185 D '67.

20. Thermal analysis of lamprophyres of the Northern Timan Range. V. V. Beliaev, B. A. Mal'kov. *Trudy Inst. geol. Kom. fil. AN SSSR* no. 7:43-47 '67.

552(235)—Mountains of Asia

21. Forgan complex of intrusions of the Coanay Altai and its relation to Middle Devonian volcanic formations. V. E. Popov. *Trudy VSEGEI* 120:181-222 '67.

552(261)—Atlantic Ocean

22. Magmatic and metamorphic rocks of the Romanche Deep. I. A. Bogdanov, V. V. Ploshko. *Dokl. AN SSSR* 177 no. 4:909-912 D '67.

552(436)—Austria

23. Nature of calcite containing porphyries from Deutsch Altenburg (Austria). N. B. Vassovitch, E. M. Galimov. *Izv. AN SSSR, Ser. geol.* no. 1:96-105 Jan '68.

552(470)—European U. S. S. R.

24. High-dispersive minerals of ophiolite rocks of the southeastern part of the Russian Platform and Caucasus. V. P. Ananyev. *Bluk. Kom. chetv. per.* no. 31:77-86 '67.

25. Some problems of the igneous rock activity and metamorphism of the Russian Platform and its fold margin. I. V. Krut'. *Izv. vys. ucheb. zav., geol. i razv.* 11 no. 2:147-150 F '68.

552(471.23)—Leningrad Province

26. Changes in physicochemical properties of Luga Moraine in Leningrad region. A. A. Kagan. *Trudy Leningrad. proekta* no. 4:80-85 '66.

552(471.5)—Ural regions

27. Explosive breccias of ultrabasic alkali basalts on the western slope of the Central Ural. I. U. V. Shushakov. *Dokl. AN SSSR* 177 no. 1:917-920 D '67.

552(471.531)—Komi-Permyak National District

28. Power engineering utilization of Yarega oil-bearing sandstone. V. A. Staritshev. *Trudy Komi fil. AN SSSR* no. 15:109-116 '67.

552(474)—Baltic Republics

29. Alkali igneous activity in the eastern part of the Baltic Shield. A. A. Kukhtenko. *Zap. Vses. min. obshch.* no. 5:517-566 '67.

552(476)—White Russian S. S. R.

30. Gabbro-norites and ilmenite-magnetite ores of the Novoselkovaya intrusive. I. U. A. Babkin and others. *Dokl. AN SSSR* 11 no. 10:922-925 O '67.

31. Role of the structural factor in the formation of carbonate reservoirs in the Pripyet Trough. V. G. Akulich. *Dokl. AN SSSR* 11 no. 12:1091-1094 D '67.

552(477)—Ukrainian S. S. R.

32. Authigenic hydromines of Mn modification in Jurassic limestone of Odessa. N. V. Rengarten, V. A. Druis, I. A. Odintsov. *Dokl. AN SSSR* 177 no. 5:1178-1181 D '67.

33. Massive rocks in the middle Bug Valley. I. H. Vinogradov and others. *Geol. zh.* 21 no. 6:108-110 N-D '67.

34. Composition, relative age, and magnetic susceptibility of igneous rock formations in the surrounding area of L'vovskoye (Crimean Mountains). I. P. Orlovskiy, I. P. Orlovskiy. *Dop. AN URSS, Ser. B* 29 no. 12:1068-1073 D '67.

35. Experimental study of the rate of propagation of elastowaves under isostatic pressure of up to 3000 kg/cm² in magmatic rock specimens from a certain region on the Ukraine. T. S. Labeda, D. V. Komits. *Geofiz. zh.* 10 no. 20:73-77 '67.

36. Geology of the Barash sunken syncline of the Terek Peninsula. P. I. Kamenkov. *Dop. AN URSS, Ser. B* 30 no. 1:35-39 Jan '68.

37. Oolite sands of Yevpatoriya Beach. I. K. Koroluk. *Lit. i pol. iskop.* no. 6:92-95 N-D '67.

38. Some characteristics of accessory monazite from Precambrian crystalline rocks of the southeastern part of the Ukrainian S. S. R. I. A. Marchenko. *Dokl. AN SSSR* 176 no. 5:1153-1155 O '67.

552(477.6)—Donets Basin

39. Characteristics of carbonate concretions from coal deposits of the Almuzno-Mariyevskiy region of the Donets Basin. M. T. Kuchchenko. *Dop. AN URSS, Ser. B* 30 no. 1:23-25 Jan '68.

552(477.8)—Western Ukraine

40. Faults and loose rocks of the Volyn-Podolia Plateau and their characteristics from the viewpoint of engineering geology. A. H. Bogutskiy. *Izv. vys. ucheb. zav., geol. i razv.* 11 no. 1:81-86 Jan '68.

552(478.25)—Armenian S. S. R.

41. Activities of the petrographic study group named after V. N. Luchinich. R. I. Karapetian, B. M. Meliksetian, Z. O. Chibukhchian. *Izv. AN Arm. SSR Nauki o zem.* 20 no. 1:105 '67.

42. Age and conditions governing the formation of the Upper Tertiary volcanic-sedimentary formation of the Zed ore field. I. S. Melikian. *Izv. AN Arm. SSR Nauki o zem.* 20 no. 1:41-53 '67.

43. Age sequence of igneous rocks of the Vanadzor Highland. G. A. Karapetian, A. G. Khamadzhian, Z. O. Chibukhchian. *Izv. AN Arm. SSR Nauki o zem.* 20 no. 4:32-37 '67.

44. Igneous formation of the Alpine tectonic-magnetic cycle (Armenian S. S. R.). R. T. Dzhrabashian, B. M. Meliksetian, R. L. Melkonian. *Izv. AN Arm. SSR Nauki o zem.* 20 no. 4:15-31 '67.

45. Mineralogy of tridymite rocks of the Aintat region in Armenia and significance of tridymite in effusive mineral parageneses. V. V. Nasosik, T. A. Ziborova. *Izv. AN SSSR, Ser. geol.* no. 1:70-83 Jan '68.

46. Monovariant (n=1) three-component multicomponent systems for metamorphic rocks of normal-alkali and alkali series of the Barguzin Range (Armenian S. S. R.). O. P. Gulundzhian. *Izv. AN Arm. SSR Nauki o zem.* 20 no. 1:51-68 '67.

47. Nomenclature of igneous rocks of the Kafan and Alaverdi ore regions, results of a symposium on the nomenclature of effusive rocks. G. P. Bagdasarian, R. L. Melkonian. *Izv. AN Arm. SSR, Nauki o zem.* 20 no. 4:101-101 '67.

48. Relationship of processes of the propylitization and regionalization of greenstone alterations in Jurassic volcanic formations of the Kafan ore zone. G. A. Sarkisian, E. M. Nalbandian. *Izv. AN Arm. SSR Nauki o zem.* 20 no. 4:69-76 '67.

49. Types of contact metamorphism of sulfide ores along postore dikes in the Kafan deposit. A. I. Karapetian. *Izv. AN Arm. SSR Nauki o zem.* 20 no. 4:77-81 '67.

552(491.1)—Iceland

50. Some data on igneous rocks of Iceland. I. U. A. Ivanov, G. N. Staritsyna. *Uch. zap. NIIGA Reg. geol.* no. 10:165-176 '67.

552(571)—Asiatic R. S. F. S. R.

51. Different epigenetic condensations of water-saturated and oil-saturated reservoirs, as revealed by a study of producing horizons of the Surgut Vault of Western Siberia. O. G. Zargov, G. F. Prozorovich. *Dokl. AN SSSR* 176 no. 5:1131-1134 O '67.

52. Geochemical characteristics of the composition of ores of the lead-zinc ore belt in Eastern Siberia. I. U. A. Usoltsev, I. U. P. Trosch. *Dokl. AN SSSR* 177 no. 5:1197-1199 D '67.

53. Geochemical history of phosphorus and barium in the formation of carbonatizable rocks and ancient weathering materials of the Chadozitskiy. D. P. Serdyuchenko, V. M. Chark. *Dokl. AN SSSR* 177 no. 1:929-932 D '67.

552(571.15)—Altai Territory

54. Crystallization of the melt in the apophyses of the Kolyan granite massifs. A. V. Polubny. *Izv. Akad. Geog. obshch. SSSR* no. 1:33-40 '66.

552(571.151)—Gorno-Altai Autonomous Prov. - USSR

55. Regional petrochemical background of the Kuznetsk Alatau. I. I. Abramovich. *Dokl. AN SSSR* 176 no. 5:1136-1139 O '67.

552(571.5)—Krasnoyarsk Territory

56. Intracellular isolations of calcite in alkaline vein rocks. L. S. Egorov, N. P. Surina. *Dokl. AN SSSR* 177 no. 1:913-916 D '67.

57. Intrusive traps and prospects for finding nickel in the northern part of the Tunguska syncline. I. V. Tuganova, N. S. Miltch. *Uch. zap. NIIGA Reg. geol.* no. 10:111-113 '67.

58. Phosphates of the Maymecha-Konyu region (northern part of the Siberian Platform). N. P. Surina. *Uch. zap. NIIGA Reg. geol.* no. 10:117-130 '67.

552(571.511)—Tuymy National District

59. Composition and stratigraphic position of trachyte-salts of the Yuzhik formation in the north-east of the Siberian Platform. N. N. Nagatseva, V. V. Rogozhin, T. K. Yankova. *Uch. zap. NIIGA Reg. geol.* no. 10:261-267 '67.

552(571.53)—Irkutsk Province

60. Comparative characteristics of postdepositional alterations of terrigenous rocks of the Irkutsk Basin. V. I. Popov. *Lit. i pol. iskop.* no. 6:1-11 N-D '67.

61. Statistical study of the spatial distribution of stages of mineral formation in Mama pegmatites. G. M. Diagov, I. K. Karpov. *Izv. vys. ucheb. zav., geol. i razv.* 12:41-44 D '67.

552(571.56)—Yakut A. S. S. R.

62. Linear relationships between main rock-forming elements of effusive rocks of the Maymecha-Konyu region. K. M. Shikhonina. *Uch. zap. NIIGA Reg. geol.* no. 10:229-231 '67.

63. Magnetism of "granite". D. I. Savasov. *Uch. zap. NIIGA Reg. geol.* no. 10:193-201 '67.

552(571.64)—Sakhalin Province

64. New information on the manifestation of ultrabasic igneous rock activity in the southern part of Sakhalin Island. I. P. Avil'yanov, K. A. Mosolov, V. V. Stoklovich. *Izv. AN SSSR, Ser. geol.* no. 1:130-134 Jan '68.

552(575)—Central Asia

65. Regime of temperature and pressure in the metamorphism of rocks of the crystalline complex of the southwestern Pamirs. I. A. Zolov. *Dokl. AN SSSR* 177 no. 5:1170-1173 D '67.

552(73)—United States of America

66. Certain new trends in widening the field of coal utilization in the U. S. A. M. G. Feldman. *Khim. tver. topl.* no. 6:154-158 N-D '67.

553 ECONOMIC GEOLOGY MINERALS ORES

67. Alteration of physical properties of rocks within molvdenum deposits. G. A. Solov'ev, L. L. Liakhov. *Izv. vys. ucheb. zav., geol. i razv.* 11 no. 1:93-99 Jan '68.

68. Basic features of the hydrochemistry of fluorine in the regions of deposits containing fluorine. S. R. Kravov and others. *Izv. vys. ucheb. zav., geol. i razv.* 12:30-40 D '67.

69. Block and precast units are an important condition for increasing capital yield in field construction. A. V. Gurlov. *Stroitel'stvo* 12 no. 8:12-15 '67.

70. Classifying by type hydrothermal deposits and ore-bearing areas for prospecting purposes. A. D. Prishov. *Razved. tekhn. nedr.* 31 no. 1:9-14 Jan '68.

71. Combined flow sheet for the treatment of arsenic-containing nickel-cobalt ores. P. M. Perlov, L. I. Grosman, A. A. Abramov. *Obog. rud.* 12 no. 3:3-6 '67.

72. Commolation of oxidized iron ores with use of a gas jet and their treatment by magnetic separation. L. A. Poynikova and others. *Obog. rud.* 12 no. 3:18-21 '67.

73. Comparative evaluation of molecular diffusion and mechanical transfer of ore elements in unidimensional seepage. S. P. Abulov. *Izv. vys. ucheb. zav., geol. i razv.* 12:92-95 D '67.

- 553(234)—Mountains of Asia
Devonian metallogeny of the Altai-Sayan fold area. A. N. Ken. Trudy VSEGEI 120 223-231 '67
- 553(470)—European U.S.S.R.
Basic problems of the classification of and prospecting for gravel-sand deposits in Moscow and adjacent areas. S. A. Popov. Izv. vyz. ucheb. zav., geol. i razv. 12:77-91 D '67.
Petrographic types and characteristics of the chemical composition of Mesozoic phosphorites in Moscow and adjacent areas. M. Kh. Mikhlin. Izv. vyz. ucheb. zav., geol. i razv. 12:69-76 D '67.
Relation of structural plans of the subsalt floor to the basement of the Pripiet Trough. R. E. Anzberg and others. Dokl. AN SSSR 11 no. 11 1013-1015 N '67.
Where are kimberlites to be prospected within the White Russian-Lithuanian crystalline mass and adjacent territories? V. O. Juzitskiy. Dokl. AN SSSR 11 no. 11 1010-1012 N '67.
- 553(471 21)—Murmansk Province
Macromanifestations of carbonaceous substances in hydrothermal formations of the Khibiny Massif. R. B. Zeein, M. N. Sokolova. Dokl. AN SSSR 177 no. 4 921-924 D '67.
- 553(471 5)—Ural regions
New type of diamond deposit in the Urals. I. S. Stepanov. Dokl. AN SSSR 177 no. 5 1166-1169 D '67.
- 553(471 54)—Sverdlovsk Province
Structural and lithological control of the localization of copper in the Gumshevoyskoye deposit. I. I. Bugayev. Izv. vyz. ucheb. zav. geol. i razv. 11 no. 1 63-68 Ja '68.
- 553(476)—White Russian S.S.R.
Gabbro-norites and ilmenite-magnetite ores of the Novoselkovskaya Intrusive. I. A. Bakkin and others. Dokl. AN SSSR 11 no. 10 922-925 O '67.
- 553(477)—Ukrainian S.S.R.
Complex-metal ore manifestation in the Belozerska iron ore region. V. F. Khillo, D. N. Tobolkin. Geol. zhur. no. 6 108 N-D '67.
Diamond-occurrence in the convergency zone between the Sea of Azov and the Donets Basin. M. D. Bolchuk and others. Dokl. AN SSSR 176 no. 5 1123-1126 O '67.
Mineralogy of the supergene gypsum of surface sediments of the Sivash region. V. A. Suprychenko. Lit. i pol. iskop. no. 6 82-88 N-D '67.
Some problems of the gas potential and chemical composition of gases of the Mezhechenskoye coal deposit. V. O. Kuzminuk, O. K. Ivanov, F. I. Tesliar. Dop. AN URSR Ser. B 29 no. 12 1064-1068 D '67.
Wheateillite from mercury and complex metal mineralization in the northwestern part of the Donets Basin. S. V. Kuznetsova, O. L. Lytvyn. Dop. AN URSR, Ser. B 30 no. 1 65-68 Ja '68.
- 553(477 6)—Donets Basin
Aleksandrovskoye ore manifestation of molybdenum in the Kivov Rog Basin and the interpretation of its structure by the core measuring method. V. V. Reshetniak, A. S. Kysel'ov. Geol. zhur. 27 no. 6 107-108 N-D '67.
History of the dressing of ferruginous quartzites of the Kivov Rog Basin. I. V. Mukhin. Geol. zhur. 27 no. 6 98-102 N-D '67.
- 553(477 8)—Western Ukraine
Some data on the coal potential of the Middle Carboniferous of the Western Loozovskiy and Oul'ka areas. I. V. Vysochansk'yi, M. I. Dmitrova, V. I. Zelen'skiy. Geol. zhur. 27 no. 6 65-67 N-D '67.
- 553(477 88)—Transcarpathia
Nature of coal substance from rocks of the Rakhov series of the Ukrainian Carpathians. O. I. Ivantsiv, M. F. Nenichuk, V. P. Stasiv. Dop. AN URSR, Ser. B 30 no. 1 12-14 Ja '68.
- 553(479 24)—Azerbaijan S.S.R.
Effect of the composition of petroleum and their active components on the wetting of quartz. N. G. Pashaev, N. D. Tairov. Dokl. AN Azerb. SSR 23 no. 4 24-27 '67.
- 553(479 25)—Armenian S.S.R.
Some features of the zonal structure of primary dispersion halos of the Ashkala barite complex metal deposits (northern Armenia). G. L. Rubo. Izv. AN SSSR, Ser. geol. no. 1 42-49 Ja '68.
- 553(571)—Asiatic R.S.F.S.R.
Different epigenetic condensations of water-saturated and oil-saturated reservoirs, as revealed by a study of producing horizons of the Surgut Vault of Western Siberia. O. G. Zariyov, G. E. Prozorovich. Dokl. AN SSSR 176 no. 5 1131-1133 O '67.
Multiplicity of the periods of the continental formation of bauxite in the Salair Ridge. A. M. Maloletko. Izv. Akad. Geog. obshch. 7:106-109 '68.
- 553(571.51)—Krasnoyarsk Territory
Intrusive traps and prospects for finding nickel in the northeastern part of the Tunguska syncline. I. V. Tuganova, N. S. Malich. Uch. zap. NIIGA Reg. geol. no. 10 131-133 '67.
Metallogenic regionalization of the Yenisey nickel belt province. G. I. Kuvshinov and others. Uch. zap. NIIGA Reg. geol. no. 11 13-137 '67.
- 553(571.511)—Taimyr National District
Geological factors determining the gas potential of the Taimyr copper-nickel deposit. T. R. Pankov. Uch. zap. NIIGA Reg. geol. no. 10 127-131 '67.
Kharayevsk-Noril'sk fault and its relation to the copper-nickel deposit. G. I. Kuvshinov. Uch. zap. NIIGA Reg. geol. no. 10 99-116 '67.
New data on the stratigraphy and phosphorite potential of Devonian sediments in the surrounding area of Igarka. I. U. S. Kulikov. Uch. zap. NIIGA Reg. geol. no. 10 5-14 '67.
- 553(571.53)—Irkutsk Province
Chemical stability of a solvent nepheline syenite, based on suprophetites of the Budagovo deposit. V. A. Tuturina, V. D. Kutanaeva. Trudy IPI no. 27 11-22 '66.
Nature of changes in the oxygen-containing functional groups of Budagovo suprophetite and in its thermal plasticization products. V. V. Tuturina. Uch. zap. NIIGA Reg. geol. no. 27 11-11 '66.
Statistical study of the spatial distribution of apatite mineral formation in Murmansk region. G. M. L. K. Katkov. Izv. vyz. ucheb. zav., geol. i razv. 11 44 D '67.
Thermal plasticization of suprophetites of the Azovskiy V. V. Tuturina, O. I. Volkov. Trudy IPI no. 27 11-22 '66.
- 553(571.55)—Chita Province
[Problems of ore potential of eastern Transbaikalia] A. prosy rudonosnost' Vostochnogo Zabaikalia. O. I. F. I. Vol'fon, Moskva, "Nedra," 1967. 237 p.
Some characteristics of hydrothermally altered rocks of the Kadamskoye ore zone (eastern Transbaikalia). A. K. Kuvshinov. Izv. vyz. ucheb. zav., geol. i razv. 11 15-54 D '67.
- 553(571.56)—Yakut A.S.S.R.
Designing the development and mining of diamond deposits under conditions of permafrost. G. M. L. K. Kuvshinov, M. N. Krasnenikov. Geol. zhur. 27 no. 1 21-22 Ja '68.
Ore mineralization in Lena cuprous sandstones. N. I. Narkel'm, I. U. P. Berdnikov. Lit. i pol. iskop. no. 8 86-92 N-D '67.
Some results of the study of diamond deposits of Siberia and problems in further investigations. V. V. Zhukov, V. A. Milashov, A. P. Pashinov. Uch. zap. NIIGA Reg. geol. no. 11 130-164 '67.
- 553(571.6)—Soviet Far East
Marginal zones of activated platform and their metallogeny. V. I. Kazanikhin, V. M. Tsvetkov. Izv. AN SSSR, Ser. geol. no. 1 7-10 Ja '68.
- 553(574)—Kazakh S.S.R.
Bromine in Paleozoic halites of the Chu-Baryn depression of South Kazakhstan. A. A. Chikolov, I. A. P. Chikolov. Lit. i pol. iskop. no. 6 77-79 N-D '67.
Mineral riches of Kazakhstan discovered during the Soviet regime. A. A. Abdulin, A. I. Beknukhin, A. A. S. Salimov. Vest. AN Kazakh SSR 24 no. 11 57-58 N '67.
Permian halogen formation of South Kazakhstan. A. I. Dimar, V. I. Tikhonov. Lit. i pol. iskop. no. 8 86-92 N-D '67.
Recent discovery of apatite in the mountains of Chu-Baryn. A. A. Nodovizin. Vest. AN Kazakh SSR 24 no. 10 73-75 O '67.
- 553(575)—Central Asia
Composition of underground waters of some metal-antimony deposits of Central Asia. D. S. Shukhin. Izv. vyz. ucheb. zav., geol. i razv. 11 no. 6 64-72 Ja '68.
Paleogenic phosphorites of the middle part of Central Asia. V. A. Il'fashchenko. Lit. i pol. iskop. no. 6 41-57 N-D '67.
- 553(575.1)—Uzbek S.S.R.
Age of quartz-hematite mineralization of the Zhetysay fault (Almalyk region). D. B. Matsumov. Uch. zap. NIIGA Reg. geol. no. 3 52-57 '68.
Devonian bauxites of southern Fergana. I. S. Kuvshinov, B. E. Dmitruk. Izv. AN SSSR, Ser. geol. no. 1 31-34 Ja '68.
Distribution of niobium and tantalum in granitoid rocks of Aktai intrusive (western Uzbekistan). P. T. Arslanov. Uch. zap. NIIGA Reg. geol. no. 10 3-14 '66.
The underground treasures of Uzbekistan opens up. Kh. Tullaganov. Fkon i zhizn' 9 no. 10 67-70 '67.
- 553(234)—Mountains of Europe
Prospects for finding native sulfur in the Perm portion of the Ural Mountain region. V. Z. Khursk, L. A. Shimanovskii. Lit. i pol. iskop. no. 6 58-66 N-D '67.
Quantitative variation of matter in the serpentinization of peridotites. K. K. Zolotov, G. N. Sudilovskii. Dokl. AN SSSR 177 no. 5 1182-1185 D '67.

- 553(575.3)—Tajik S.S.R.
 ... from the ancient weathering surfaces of the ...
 ...
 ...
- 553(62)—Northeast Africa, Egypt and Sudan
 Flotation of iron ores from the "Gebel-Gorabi" deposit.
 T. S. Baganova, G. V. Il'vicheva, A. Fuad-Takha. Obog.
 ... 12 no. 3:14-17 '67.
- 553.9 CARBONACEOUS MINERAL DEPOSITS
 Methods for measuring the magnitude of the surface
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- 553.9(471.13)—Komi A.S.S.R.
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- 553.9(471.53)—Perm Province
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- 553.9(476)—White Russian S.S.R.
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- 553.9(479.24)—Azerbaijan S.S.R.
 Formation waters of pools being studied under conditions
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 ...
- 553.9(57)—Asiatic U.S.S.R.
 Block group pumping station in the Ust'-Balyk field.
 P. G. Karakov. Stroitel'stvo 12 no. 10:13 O '67.
- 553.9(571.51)—Taymyr National District
 Geology and geochemistry of natural gases of the Taimakh
 ...
 ...
- 553.9(574)—Kazakh S.S.R.
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- 56 PALEONTOLOGY. FOSSILS
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- 56(471.22)—Karelian A.S.S.R.
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- 56(477)—Ukrainian S.S.R.
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- 561 SYSTEMATIC PALEOBOTANY
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- Experimental study of the specificity of antiserum immunity to pathogenic *Staphylococcus*.** A. K. Akatov, Zhur. mikrobiol., epid. i immun., 45 no. 1 14-18 Ja '68
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- Immunochemical study of serologically active substances isolated from type A and B *Clostridium botulinum*.** L. G. Ivanova, T. I. Bulatova, K. I. Matveev, Zhur. mikrobiol., epid. i immun., 45 no. 1 10-18 Ja '68
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- Infectious genesis of Itsenko-Cushing disease** E. A. Vastukova and others, Trudy TSU 104 23-33 '67.
- Interferonogen IVS in the treatment of adenoviral lesions of the eyes** A. A. Kasparov and others, Trudy Inst. poliom. i virus. entsef. AMN SSSR 10 85-94 '67

- Interferonogens IVS and IVN in the treatment of herpes lesions of the skin V A Rikhsimov and others. Trudy Inst poliom i virus entsef AMN SSSR 10 67-68 '67
- Interferons and interferonases, and the aspects of their use in medicine M P Chumakov, N A Zaitlenok, L M Vil'ner. Trudy Inst poliom i virus entsef AMN SSSR 10 15-16 '67
- Kiktenko, V S [Summary of lectures on microbiology] Konspekt lektsii po mikrobiologii Moskva Ch 2 [Special microbiology] Chastina mikrobiologiya 1967 316 p
- Laboratory diagnosis of actinomycosis of female genitalia. T. V. Egorova, R. S. Agapova, Lab. delo no. 1 10-14 '68
- Lice (Anoplura) of desert rodents of Tajikistan Z. I. Zaidina. Izv. Old biol. nauk AN Tad. SSR no. 4 59-70 '67
- Life without microbes G I Podoprigora. Priroda 11 185 '68
- Mechanism of genetic recombination in bacterial conjugation. Report No. 1. Heterogeneity of the progeny of exconjugant cells. S. E. Bresler, V. A. Lantsov, V. A. Blinova. Genetika no. 8 73-82 '67
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- Methodology of natural infestation of chigger by tsutsugamushi Rickettsia N I Kudashova, I. V. Tarasovich, L. I. Plotnikova. Parazitologiya 1 no. 4 339-341 Ji-Ag '67
- Methods of typing group A Coxsackie viruses. V. M. Klichukhina, Z. F. Zubova, V. N. Smirnova, Lab. delo no. 12 736-738 My '67
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- Mutagenic effect of N-nitrosodimethylurea on tick-borne encephalitis virus complex G. D. Zaitseva and others. Genetika no. 1 144-151 '67
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- Nymphal diapause in Ixodes ricinus L. (Acarina, Ixodidae). Report No. 2. Various forms of nymphal diapause and characteristics of the regulation in Ixodes ricinus of the Leningrad population V. N. Belozorov, Parazitologiya 1 no. 1 275-287 Ji-Ag '67
- On the centennial of P. V. Butaghi's birth (1867-1953), Zhur. mikrobiol., epid. i immun. 45 no. 1 145-146 Ja '68
- Optimization of synthetic culture medium for cultivation of typhoid bacilli. Report No. 2. Selection of optimal quantitative correlations of components of the culture medium by multifactor planning of the experiment. B. U. Shuster, V. V. Biriukov, Zhur. mikrobiol., epid. i immun. 47 no. 1 117-122 Ja '68
- Optimum of synthetic culture medium for the cultivation of typhoid bacilli. Report No. 1. Selection of the most substantial factors of the culture medium by the method of accidental balance B. U. Shuster, V. V. Biriukov, Zhur. mikrobiol., epid. i immun. 44 no. 12 59-64 D '67
- Participation of bacterial membranes in the biosynthesis of proteins and its components, a review Report No. 2 G. I. Burd. Zhur. mikrobiol., epid. i immun. 44 no. 11 117-122 N '67
- Pathogenicity enzymes of Bacillus pyocyaneus, L. G. Zhukova. Zhur. mikrobiol., epid. i immun. 41 no. 12 129 D '67
- Pathogenicity enzymes of Staphylococci. Comparative determination of the enzymatic activity of local Staphylococci strains. L. V. Kuznetsova, Zhur. mikrobiol., epid. i immun. 44 no. 12 130 D '67
- Phage typing of Staphylococci isolated from patients and apparently healthy persons. T. S. Zabalueva, L. N. Ulanishcheva. Zhur. mikrobiol., epid. i immun. 44 no. 12 126-127 D '67
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- Present state of experimental studies on specific prevention of coccidioidomycosis, a review, S. L. Bolot'ko. Zhur. mikrobiol., epid. i immun. 45 no. 1 98-100 Ja '68
- Preventive reaction of fibroblast culture cells infected with tularemia bacilli, L. G. Makarenko, Zhur. mikrobiol., epid. i immun. 45 no. 1 77-89 Ja '68
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- Quick method of obtaining anthracis phages in high concentrations. N. A. Kuz'min, B. A. Komarov, Lab. delo no. 12 741-743 My '67
- Reaction of extraembryonic parts of chick embryo to Pasteurella multocida V. L. Kankava. Soob. AN Gruz. SSR 47 no. 1 177-182 Ji '67
- Receptor composition of K82 antigen detected in enterogenous Escherichia coli of the 020 K82 serological group I. V. Golubeva, I. U. Ratner. Zhur. mikrobiol., epid. i immun. 44 no. 11 124-128 N '67
- Receptively amplifying preventive effect of interferon and anticellular antibodies against virus infection in tissue culture V. I. Muchonko, G. P. Sovetov, I. N. Pokidysheva. Trudy Inst poliom i virus entsef AMN SSSR 10 137-143 '67
- Regularities in the formation of incomplete antibodies to O-antigen of the typhoid bacillus under experimental conditions G. P. Geiman. Zhur. mikrobiol., epid. i immun. 45 no. 1 80-81 Ja '68
- Relationship between tumorigenic viruses and cells, L. A. Zil'ber, Usp. sov. biol. 65 no. 1 66-82 Ja-I '68
- Reproducibility and standardization of determination of the results of interferon titration N. A. Zaitlenok and others. Trudy Inst poliom i virus entsef AMN SSSR 10 115-122 '67
- Research materials on typhoid bacterial exotoxins. B. A. Zaitlenok, P. I. Kravchenko, M. V. Plesovskikh. Zhur. mikrobiol., epid. i immun. 44 no. 12 132 D '67
- Restoration of injuries induced by nitrogenous sperite in Escherichia coli K-12 F. V. Lebanok, I. U. K. Pomichov. Dokl. AN BSSR 11 no. 11 1016-1039 N '67
- Role of different types of Clostridium perfringens in alimentary poisonings, a review of the literature, V. S. Vityk. Trudy Len. inst. epid. i mikrobiol. 32 120-131 '67
- Role of T1-T6 viruses in cholera epidemiology, a review V. S. Gama, L. E. Khundarov. Zhur. mikrobiol., epid. i immun. 44 no. 11 87-93 N '67
- Sensitivity of some viruses of the tick-borne encephalitis complex to the effect of exogenous interferon in tissue culture L. G. Karpovich and others. Trudy Inst poliom i virus entsef AMN SSSR 10 159-163 '67
- Serological typing of strains of the genus Proteus of various etiology. Z. A. Ignatovich and others. Trudy Len. inst. epid. i mikrobiol. 32 67-73 '67
- Some characteristics of Microtus oeconomus injury by mites in feeds of the Black Irish Delta, A. A. Tagil'sev. Parazitologiya 1 no. 4 300-304 Ji-Ag '67
- Some characteristics of mitochondria in a muscular tissue of Ascaris suum, I. I. Benediktov. Zhur. evol. biokhim. i fiziol. 3 no. 4 287-294 Ji-Ag '67
- Some immunohistochemical parallels in "normal" carrier state of beta-hemolytic Streptococcus A. G. Deglaran, N. D. Vartazarian. Biol. zhur. Arm. 26 no. 12 26-36 '67
- Specificity of Coccidia of Hymenotrichus mollirei, A. I. Rikhsimov and others. Zhur. mikrobiol., epid. i immun. 44 no. 12 133-134 Ji-Ag '67
- Spectral characteristics of blue of reaction as an index in studying metabolism in micro-organisms, V. K. Golshmid, Lab. delo no. 1 35-36 '68
- Spheroplasts of Clostridium perfringens and their ability to synthesize proteins of exoenzymic complex V. I. Gorshakova and others. Dokl. AN SSSR 177 no. 4 955-958 D '67
- Structure of T1 sex factor formed as a result of recombination of the homologous chromosomal regions of cells in Escherichia coli K-12, A. P. Pechkov, Genetika 4 no. 1 121-127 Ja '68
- Study of Bacillus cereus isolated from pasteurized milk K. N. Polianskaya. Vop. pit. 26 no. 3 20-24 My-Ie '67
- Study of botulinum toxins and antitoxins by means of gel filtration. Report No. 3. Division of native B and C types of botulinum toxins by filtration through G-200 sephadex gel. V. B. Freiman and others. Zhur. mikrobiol., epid. i immun. 44 no. 11 139-142 N '67
- Study of helminths of Diplopus annularis L. A. V. Dolgikh, N. M. Naidenova. Nauch. dokl. vys. shkoly, biol. nauki 10 no. 11 13-16 '67
- Study of mutagenesis on conditionally lethal mutants. Report No. 3. Specificity of sarcosine effect on physiological properties of ts-mutant T38 of the phage T4 and its revertants. E. S. Puzian, S. I. Alkhaniyan, Genetika 4 no. 1 128-134 Ja '68
- Study of the antigenic structure of typhoid component of typhoid and paratyphoid B vivaxines tried in the epidemiological test No. 5 (1952). T. G. Benisimova, Zhur. mikrobiol., epid. i immun. 44 no. 12 43-47 D '67
- Study of the immunological properties of the soluble antigen of Rickettsia prowazekii. Report No. 5. Comparative evaluation of the immunogenicity of the soluble antigen of E and Brain strains. E. P. Lukin, A. A. Vorob'ev. Zhur. mikrobiol., epid. i immun. 44 no. 12 18-13 D '67
- Study of the sensitivity to kanamycin sulfate of poly-resistant microbes causing purulent infections, S. M. Kuznetsova, I. P. Fomina, S. M. Navashin, Antibiotiki 13 no. 1 43-49 Ja '68
- Study of the toxicogenicity of diphtheria cultures by means of single-zone serum. Report No. 1. M. O. Podgalskaya. A. M. Panyshova, Zhur. mikrobiol., epid. i immun. 45 no. 1 18-21 Ja '68
- Study of the usefulness of the experimental model of peroral enteroviral infection for testing interferon and other antiviral preparations N. V. Ovsiannikova, V. A. Zaitlenok. Trudy Inst poliom i virus entsef AMN SSSR 10 179-185 '67
- Survival of Coxsackie B3 and B5 viruses in the milk. T. A. Kalitina. Vop. pit. 26 no. 2 24-26 Mr.-Ap '67
- Taxonomy of viruses in nature V. L. Ryzhikov. Izv. AN SSSR Ser. biol. no. 1 67-77 Ja-I '68
- Technique of aerosol bacillary infecting of fabric test objects. M. P. Veselov, A. I. Oshova, Lab. delo no. 12 748-751 My '67
- Titration of cytochrome toxin on the complement fixation test under cold conditions I. S. Kazdolina, Zhur. mikrobiol., epid. i immun. 45 no. 1 69-73 Ja '68
- Use of heterogeneous-continuous fermentation settling grape must at the Paipent Wine Making Shop V. B. Egambidze, O. N. Khomentovskaya. Uzb. biol. zhur. 11 no. 6 10-13 '67
- Use of immunosorbent for direct and indirect determination of antibodies to antigens of A-group Streptococcus, O. I. Vvedenskaya, T. A. Danileva. Zhur. mikrobiol., epid. i immun. 44 no. 12 47-53 D '67
- Utilization of mice with chimeric markers for studying viral leukemia A. A. Stavitskaya, F. I. Prigodina. Genetika no. 1 93-101 '67
- Virus ecology of the so-called venereal amorphous urethritis in males S. L. Kozin, I. N. Kustakova. Vest. derm. i ven. 11 no. 8 51-55 Ag '67

576.8(471.13)—Komi A S S R

Bloodsucking mosquitoes of the Komi A. S. S. R. and their biology T. S. Ostroshko. Parazitologiya 1 no. 4 311-318 Ji-Ag '67

576.8(477)—Ukrainian S S R

Bird fleas in the southwestern Ukraine I. U. E. Vofianskii. Parazitologiya 1 no. 4 309-310 Ji-Ag '67

576.8(477.8)—Western Ukraine

Parasites of herbivorous fish in the ponds of Lvov Province of the Ukrainian S. S. R. O. P. Kulakovskaya, V. M. Ivasik. Parazitologiya 1 no. 1 325-328 Ji-Ag '67

576.8(470.24)—Azerbaijan S S R

Seasonal dynamics of Protozoa in Sierozem soils of Udzhar District of the Azerbaijan S. S. R. following cotton, alfalfa, and corn cultivation T. I. Amirsalanova. Dokl. AN Azerb. SSR 23 no. 4 52-56 '67

576.8(575.3)—Tajik S S R

Study of natural disease foci in the Tajik S. S. R. I. S. Avessalomov, P. P. Baklanov. Izv. Old biol. nauk AN Tadzh. SSR no. 4 102-107 '67

576.8(67)—Equatorial, South Central and East Africa

Noninfectious interferonogen IVS obtained from a virus of the Semliki Forest L. M. Vil'ner and others. Trudy Inst poliom i virus entsef AMN SSSR 10 37-54 '67

577.1 BIOCHEMISTRY

Activity of flavine enzymes and cytochrome oxidase, and the content of cytochrome C in blood cells in children. R. P. Narcišsov. Lab. delo no. 1 3-7 '68

Activity of oxidoreductases and some properties of mitochondrial membranes of the brain. G. P. Guldova. Zhur. evol. biokhim. i fiziol. 3 no. 4 300-303 Ji-Ag '67

Adsorption modeling of biological membranes and enzyme complexes, O. M. Poltoiak. Zhur. fiz. khim. 41 no. 10 2514-2562 O '67

B12 hypovitaminosis in dogs in prolonged exclusion of external secretion of the pancreas. V. S. Lavrova. Pat. fiziol. i eksp. terap. 11 no. 5 64-69 S-O '67

Basic trends of studies on myocardial biochemistry. S. E. Severin. Kardiologiya 7 no. 11 22-30 N '67

Biochemical evaluation of the viability of cadaveric kidney, preservation of the kidney under conditions of hypothermia and hyperbaric oxygenation. I. U. Lopukhin, B. M. Cheknev. Urol. i nefr. 32 no. 1 19-24 Ja '67

Biochemical heterogeneity of mitochondria in muscles of Musca domestica wings. R. I. Lachinova. Zhur. evol. biokhim. i fiziol. 3 no. 4 295-299 Ji-Ag '67

[Biochemistry] Ref. zhur.: Biol. khim. nos. 22-24 (30), Nov.-Dec. 1967, nos. 1-3, 5, Jan.-Mar. 1968.

Biosynthesis of ascorbic acid in rat organs and phagocytic reaction of the blood as toxicological methods of research in the field of nutrition hygiene B. V. Kun'ev. IU M. Filippov. Trudy TSU 103 39-45 '67

Blood catalase inheritance in Gallus domestica. A. T. Shabalina, G. K. Rusev. Genetika 4 no. 1 81-89 Ja '68

Changes in the content of some organic acids in the ontogeny of cotton as affected by gamma irradiation S. V. Arslanova. Uzb. biol. zhur. 11 no. 6 7-9 '67

Characteristics of ammonia binding in the brain of rats of different age groups. E. A. Gordenko. Zhur. evol. biokhim. i fiziol. 3 no. 4 314-320 Ji-Ag '67

577.1 (Continued)

- Characteristics of catabolic processes in experimental myocardial infarct. L. T. Lyachenko, M. G. Krut'sman. *Cardiologia* 7 no. 11 138-145 N '67.
- Characteristics of the participation of the pancreatic islet in the nitrogen metabolism in the calves of various ages. P. I. Zherebtsov, V. F. Vrikin, Tong Chan Hui. *Tr. TSMA* no. 3 193-205 '66.
- Characteristics of water metabolism in lesions of vascular terms. M. F. Syrotina. *Tizol zhur* [Ukr.] 14 no. 1 37-43 Ja-F '68.
- Chemical composition of an intact cell, cell walls and protoplasm of pertussis and paratuberculosis bacilli. I. Gladkaya, A. N. Ustinenko. *Zhur mikrobiol., epid i immun.* 44 no. 12 79-83 D '67.
- Chemistry of vitamin B₁₂ coenzyme. V. M. Berezovskii, V. V. Eremenko. *Khim.-farm. zhur.* 1 no. 7 8-21 Ji '67.
- Comparison of the excretion of steroid compounds with the morphological characteristics of the ovaries in patients with the Stein-Leventhal syndrome. *Probl. endok.* 13 no. 6 26-32 N-D '67.
- Content and the metabolic intensity of succinic acid in the brain in separation of oxidizing phosphorylation. V. D. Fshechenko. *Nerv. sist.* no. 8 61-67 '67.
- Content and metabolism intensity of plasmalogens in the rat brain. S. V. Gasteva, V. A. Dvorkin. *Dokl. AN SSSR* 176 no. 5 1165-1167 O '67.
- Content of iron in biological media in psoriasis. I. I. Pototskii, I. N. Lashenko. *Vest. deim. i ven. d.* 1 no. 5 44-47 Ag '67.
- Content of potassium, sodium and chlorine in muscular tissues and tissues of rhabdomyoblastoma. I. E. P. Shuba. *Fiziol. zhur.* [Ukr.] 14 no. 101-105 Ja-I '68.
- Cytochemical study of leukocyte alkaline phosphatase in severe infectious intestinal diseases. B. S. Nagoev. *Sov. med.* 30 no. 1 32-36 Ja '68.
- Determination of L-amino acids in the kidney tissue. G. Kh. B. Zaitan, A. S. Ogancian, Zh. S. Gevorkian. *Dokl. AN SSSR* 177 no. 4 951-954 D '67.
- Depolymerization of curcumin in the process of isolation and the shape of its macromolecules. A. A. Kuznetsov, B. N. Stepanenko. *Dokl. AN SSSR* 176 no. 5 1174-1177 O '67.
- Determination of residual sevin quantities in food products by enzymatic microplate method. P. T. S. Nenov. *Vop. pit.* 26 no. 11-15 My-Ie '67.
- Determination of the content of estrone, 17 β -estradiol and estril in the urine by means of gas-liquid chromatography. G. A. Pivovarov. *Trudy TSU* 104 219-223 '67.
- Distribution of lipolytic enzymes in the ovaries in the Stein-Leventhal syndrome. M. E. Bronshteyn, F. L. Leites. *Probl. endok.* 13 no. 6 32-37 N-D '67.
- Drying of alcohol enzyme deposits in tray-type vacuum-apparatuses. K. A. Kalinants, V. V. Genet. *Farm. i spirt. prom.* 32 no. 4 28-30 '66.
- Dynamics of manganese, copper, zinc, and molybdenum content in the grapevine. N. G. Zyrin, G. P. Stillov, V. D. Shugov. *Vest. Mosk. un. Ser. 6 Biol., pochv.* 23 no. 1 94-102 Ia-F '68.
- Effect of aldosterone on sodium and potassium metabolism in toxic goiter. V. I. Iosadkova. *Trudy TSU* 104, 102-104 '67.
- Effect of aminazine on the synthesis and disintegration processes of carbohydrates in the brain. Z. N. Tupikova, Z. V. Novikova, A. M. Korvatskaya. *Nerv. sist.* no. 4 59-63 '67.
- Effect of glutamic acid on the time of milk sedimentation with use of enzymes. I. O. Mykhailus. *Khar. prom.* no. 2 45-46 Mi-Ap '66.
- Effect of organic fertilizers of petroleum origin on the protein metabolism in cotton. B. Z. Guseinov, F. E. Dzhafarova. *Dokl. AN Azerb. SSR* 23 no. 4 48-51 '67.
- Effect of sex hormones on the binding capacity of plasma transferrin in guinea pigs. A. V. Antonichev. *Probl. endok.* 14 no. 1 53-57 Ia-F '68.
- Effect of some conditions on the production of Vitamin B₁₂ and its derivatives by methane-producing bacteria. I. M. Kravets' and others. *Khar. prom.* no. 2 27-29 Mi-Ap '67.
- Effect of synthetic analog of pantoic acid (vitamin B₁₂), diisopropyl ammonium dichloroacetate acid, on some metabolism indices in experimental chronic toxicological hepatitis. N. Kh. Abdullaev. *Vop. pit.* 26 no. 2 57-62 Mi-Ap '67.
- Effect of the exophilic factor on the inclusion of labeled sulfate in the organs of guinea pigs. E. E. Limanova. *Probl. endok.* 13 no. 6 67-70 N-D '67.
- Effect of the extract of methane bacterium biomass on the growth energy and seed germination in field crops and cotton. G. M. Mikulin, G. M. Nellubina, V. L. Kretovich. *Izv. AN SSSR, Ser. biol.* no. 1 136-141 Ja-I '68.
- Effect of trace elements on the activity of enzymes in the blood. M. G. Tsheshelashvili. *Soob. AN Gruz. SSR* 47 no. 1 85-89 Ji '67.
- Enzymatic activity of some organs in ontogeny. E. A. Kutateladze, M. I. Dzhabua. *Soob. AN Gruz. SSR* 47 no. 1 79-84 Ji '67.
- Evaluation of the activity of lipase in contents of the duodenum. V. V. Vorob'ev. *Lab. delo* no. 1 17-18 '68.
- Fibrinolytic agent from Actinomyces culture liquid and its comparative characteristics. G. V. Andeenko and others. *Nauch. dokl. vys. shkoly; Biol. nauki* 10 no. 11 92-94 '67.
- Gadacogen. I. A. Kulazev. *Probl. endok.* 14 no. 1 111-117 Ja-F '68.

- Hepatic enzymes in the blood serum during various forms of Botkin's disease in children. D. M. Bragin'skii, I. V. Shakhgildian. *Sov. med.* 30 no. 1 46-51 Ja '68.
- Hydrogenation of sunflower oil by a stationary nickel-chromium catalyst in ethanol by a "jet" method. D. V. Sokol'skii, V. I. Komarov, K. A. Zhubanov. *Izv. vys. ucheb. zav., pishch. tekhn.* no. 6 64-66 '67.
- Immunoelectrophoretic study of fibrinogens and decomposition products of fibrinogen and fibrin. V. M. Karpin'skaya. *Probl. gemat. i perel. krovi* 13 no. 1 54-56 Ia '68.
- Inactivation of acetylcholine and adrenaline in mammary glands. I. I. Grachev, T. A. Rybakova. *Nerv. sist.* no. 8 102-110 '67.
- Increasing the output of vitamin B₁₂ under industrial conditions. G. A. Nibitin and others. *Farm. i spirt. prom.* 32 no. 1 10-11 '66.
- Indices of acetylcholinesterase in patients with thyrotoxic and euterooid goiter. M. D. Podil'skaya, V. I. Sterehid. *Probl. endok.* 13 no. 6 11-15 N-D '67.
- Insulin and hydrocortisone effect on the glucose-6-phosphate activity in lamprey liver. E. M. Phectskaya, I. G. Ogorodnikova. *Zhur. evol. biokhim. i fiziol.* 3 no. 1 304-308 Ji-Ag '67.
- Isoenzymes of aminotransferases and their value in diagnosis. E. Krawczynski. *Lab. delo* no. 12 707-711 My '67.
- Methodology of determining the content of aldosterone in urine. I. V. Kas'ianenko, F. M. Edel'man. *Fiziol. zhur.* [Ukr.] 14 no. 1135-1137 Ia-F '68.
- Methodology of isolation of pure antitumor antigens from cytotoxic and autoimmune sera. V. I. Sashko, I. A. Buiova, L. S. Kostikova. *Lab. delo* no. 1 25-27 '68.
- Methods for producing glucose oxidase fermentation preparations. N. V. Pokrovskaya and others. *Farm. i spirt. prom.* 32 no. 5 21-21 '66.
- Microbiological and biochemical processes during the souring of cabbage with urea and ammonium sulfate. G. I. Pivovareva, S. B. Zadoian. *Izv. TSMA* no. 3 36-42 '66.
- Microelements in plants of humid subtropical regions. S. N. Timonov, O. I. Barkhatova, G. G. Kulikova. *Vest. Mosk. un. Ser. 6 Biol., pochv.* 23 no. 1 17-53 Ja-F '68.
- Modern ideas on physiological and biochemical role of trace elements. I. A. Chernavina. *Nauch. dokl. vys. shkoly, Biol. nauki* 10 no. 11 136-151 '67.
- Pancreatic blood lipase in patients with atherosclerosis and essential hyperlipemia. S. K. Churina. *Vop. pit.* 26 no. 3 42-46 My-Je '67.
- Participation of bacterial membranes in the biosynthesis of proteins and its components, a review. Report No. 2. G. I. Burd. *Zhur. mikrobiol., epid. i immun.* 44 no. 11 117-122 N '67.
- Participation of metals in the evolution of oxidation-reduction processes in plants. I. A. Potel'niko. *Izv. AN SSSR, Ser. biol.* no. 1 21-33 Ja-I '68.
- Pathogenicity enzymes of Staphylococci. Comparative determination of the enzymatic activity of local Staphylococci strains. I. V. Kuznetsova. *Zhur. mikrobiol., epid. i immun.* 44 no. 12 130 D '67.
- Phosphatide peptides of the brain hemispheres in rats. A. A. Lipkova. *Nerv. sist.* no. 8 47-52 '67.
- Phosphorylase activity in the liver of rats following development of carcinogenesis and introduction of food dyes. B. I. Rubenchuk, A. S. Petrun'. *Vop. pit.* 26 no. 3 47-51 My-Ie '67.
- Possible role of interorganic transport of nucleic acids in the development of compensatory cardiac hypertrophy. G. M. Alekhina. *Kardiologiya* 7 no. 11 145-149 N '67.
- Potassium and sodium content in cancer in the gastrointestinal tract before and after surgery. A. A. Krokhliev, S. K. Salimov. *Vop. onk.* 14 no. 1 72-73 '68.
- Preservation of the vitamin C in the first and second dishes of public eating establishments. S. I. Shushakova. *Vop. pit.* 26 no. 3 91-92 My-Ie '67.
- Quantitative determination of cytochrome oxidase in regular blood elements. V. A. Kefinaki, L. N. Mokhadova. *Lab. delo* no. 1 7-9 '68.
- Quantitative determination of fatty acids in blood serum in atherosclerosis. O. N. Nikol'skaya. *Lab. delo* no. 1 19-21 '68.
- Quantitative determination of protein in shortwave ultraviolet light. V. A. Khranov, O. I. Pustovoltova. *Lab. delo* no. 12 711-713 My '67.
- Role of decarboxylases in the pathogenesis of experimental Salmonella infection. N. M. Udit'skaya. *Zhur. mikrobiol., epid. i immun.* 44 no. 12 72-75 D '67.
- Separating glucamylase from transglucosylase by chromatography on diethylaminoethylcellulose. G. M. Dobrolinskaya. *Farm. i spirt. prom.* 32 no. 4 22-24 '66.
- Simple potentiometric method of determining serum esterase. V. G. Grigor'ian. *Lab. delo* no. 1 10-17 '68.
- Significance of the hypophysis in the binding of plasma hydrocortisone by corticosteroid-binding globulin in guinea pigs. A. V. Antonichev, V. B. Rosen. *Probl. endok.* 13 no. 6 85-88 N-D '67.
- Softening of meat by proteolytic enzymes of microbial origin. V. I. Mitak and others. *Khar. prom.* no. 2 22-25 Mi-Ap '66.
- Some biochemical and histochemical characteristics in experimental coronary deficiency and following application of cardiac glycosides. S. S. Azizova, K. A. Dzharava, I. K. Kamilov. *Uzb. biol. zhur.* 11 no. 6 27-29 '67.

- Some characteristics of lysine biosynthesis by double biochemical mutants of *Micococcus glutamicus*. L. A. Minceva, S. I. Abkhazian. *Genetika* no. 8 96-104 '67.
- Some characteristics of mitochondria in a muscular tissue of *Ascaris suum*. I. I. Benediktov. *Zhur. evol. biokhim. i fiziol.* 3 no. 4 287-294 Ji-Ag '67.
- Some deliberations on the effectiveness of using dry fermentation preparation instead of malt in distilleries. P. A. Chatskii. *Farm. i spirt. prom.* 32 no. 5 27-29 '66.
- Some indices of collagen and mucopolysaccharide metabolism in primary myxedema following thyroidectomy treatment. G. S. Krasin, A. R. Khachik, T. N. Kanakova. *Probl. endok.* 14 no. 1 14-18 Ia-I '68.
- Some indices of protein metabolism in surgical treatment of goiter. S. S. Fedotov. *Vest. khir.* 99 no. 7 64-68 Ji '67.
- Spectral characteristics of biuret reaction as an index in studying metabolism in micro-organisms. V. K. Golshild. *Lab. delo* no. 1 35-36 '68.
- Spheroplasts of *Clostridium perfringens* and their ability to synthesize proteins of exoantigenic complex. V. I. Goshikova and others. *Dokl. AN SSSR* 177 no. 4 955-958 D '67.
- Stabilization of basic biochemical indices during work on heart and lung preparation. S. A. Patskaya, V. I. Mishchenko, M. D. Lohkova. *Fiziol. zhur.* [Ukr.] 14 no. 1 57-63 Ia-F '68.
- State of electrolyte metabolism in gastric and duodenal ulcers before and following conservative treatment. A. G. Vskhov. *Vest. med. zhur.* 14 no. 12 15-19 D '67.
- Stabilization of enzyme preparations. S. M. Sosina and others. *Farm. i spirt. prom.* 32 no. 1 30-31 '66.
- Study of organs regulating sodium metabolism in prolonged salt diet, morphology and enzyme histology of salt hypertension. A. M. Vukich and others. *Kardiologiya* 7 no. 11 107-111 N '67.
- Study of some cytochemical indices of mononuclear and thrombocytes. N. A. Loshakov. *Lab. delo* no. 1 10-11 '68.
- Study of the analogs of conformational inhibitors of pyridoxal enzymes by the dipole moment method. P. N. Gushanova and others. *Izv. AN SSSR, Ser. khim.* no. 12 2754-2757 D '67.
- Study of the primary aspects of exogenous lipid metabolism in the human body. V. A. Shaternikov, T. I. Loshanskaya, L. A. Savchuk. *Lab. delo* no. 12 715-718 My '67.
- Transformation of glucose and pyruvate in lactic acid in the brain under normal conditions and in hypoxia. T. E. Putilina. *Nerv. sist.* no. 8 68-72 '67.
- Transketolase activity in tissues following introduction of excess thiamine by various methods and a single injection of hydroxythiamine into rats. B. I. Gorenshtein, I. M. Ostrovskii. *Dokl. AN SSSR* 177 no. 11 1011-1015 N '67.
- Uncoupling of oxidative phosphorylation process in mitochondria of the heart and liver of rats following vitamin D₃ poisoning. L. P. Shchepitsyna. *Vop. pit.* 26 no. 2 38-42 Mi-Ap '67.
- Utilization of the mycelium fat of *Penicillium nigricans* as a source of carbon nutrition in biosynthesis of antibiotics. E. I. Tolma and others. *Antibiotiki* 13 no. 1 37-40 Ia '68.
- Venous and arterial difference of pO₂ and the carbonic anhydrase activity of the blood under conditions of hypothermic perfusion. M. I. A. Khodas, S. I. Tsygankova, G. Kh. Platinskaya. *Izvest. khir. i anest.* 12 no. 4 70-73 Ji-Ag '67.
- Workout of a method for the production of a fermentation extract with pulsation of a liquid solvent. I. V. Iukhtov and others. *Farm. i spirt. prom.* 32 no. 4 26-28 '66.

577 1(474 3)—Latvian S S R.

- Production of the food concentrate Vitamin B₁₂ from molasses stillage. V. D. Bolko and others. *Farm. i spirt. prom.* 32 no. 5 91-94 '66.
- 577 3 BIOPHYSICS, BIOMECHANICS BIO-ENERGETICS
- Analysis of models of homogeneous neuron layer with lateral connections. I. A. Lubinskii, N. V. Pozin, V. P. Iakimo. *Avtom. i telemek.* no. 10 168-181 O '67.
- Brain metabolism in animals as related to negative entropy principle of information. A. I. Bykovskii. *Dokl. AN SSSR* 177 no. 5 1219-1222 D '67.
- Bioenergetics: difficulties and promises. V. I. Skutachv. *Usp. sov. biol.* 65 no. 1 152-156 Ia-I '68.
- Change in metabolic processes in the leukocytes as affected by superhigh frequency and infrared irradiation of weak intensity. I. V. Zakharov. *Dokl. AN SSSR* 177 no. 12 1113-1116 D '67.
- Department of Biophysics. O. R. Kol's, B. N. Tarasov. *Vest. Mosk. un. Ser. 6 Biol. pochv.* 23 no. 1 13-10 Ja-F '68.
- Dynamics of the change in membrane potential of the giant nerve cells of *Hydro medusalis* in calcium-free solutions. G. N. Akoev, T. L. Krasnikova. *Dokl. AN SSSR* 177 no. 4 967-969 D '67.
- Expenditure of energy by servicemen in the mountains and nutrition requirements under these conditions. I. M. Buz'mk. *Voen.-med. zhur.* no. 1 61-63 Ia '68.
- 577 30 RADIOBIOLOGY
- At the conference of European radiobiologists in Spindleruv Alyn, A. N. Studitskii. *Usp. sov. biol.* 65 no. 1 155-159 Ja-I '68.

577 3 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

577 4 (428 24)—European Rivers
Hydrobiological balance of the Danube River after its regulation. Gidrobiologicheskii iezhim Dnepra v ustovlakh zargulirovannogo stoka. "Kiev," Naukova dumka, 1967 387 p

Spontaneous manifestations of the active electric field in the dog hypothalamus. V.A. Spasskii, N.E. Fedorchenko. P.S. Vakhovskii. Dokl. AN SSSR 177 no. 1 681-683 D '67.

Transplantation of caudal mesenteric ganglia into the wall of the bladder. D.M. Golub, F.B. Rheinman. Dokl. AN SSSR 11 no. 10-938-941 O '67.

Transplantation of skeletal muscles in animals. R.P. Zhuravskii. Usp. sov. biol. 65 no. 1 133-143 J1-1 '65.

Unit for color microphotographs using an electron-optical brightness intensifier. M.M. Butslov and others. Prikl. tekhn. clip. 11 no. 6 167-168 N-D '66.

578 6 MICROSCOPY
Characteristics of the submicroscopic structure of the first and second phases of Rickettsia burnetii. S.A. Gulakskaya, R.I. Fudol'ma. Zhurn. mikrobiol., epid. i immunit. 44 no. 12 133-134 D '67.

Cryostat with controlled cooling of the microtome knife. G. Dimov. Arh. anat. gist. i embri. 53 no. 11-100-101 N '67.

Electron microscopic studies of thromboxane in rabbits before and following intravenous infusion of aminocaproic acid. V.K. Beznoskova, Z.A. Chaplygina, B.O. Beznoskov. Probl. gemat. i patol. krovi. 13 no. 1 32-37 Ja '68.

581 GENERAL BOTANY PLANT BIOLOGY
Developing skills in the planning of research tasks. L.I. Kobzar. Rad. shk. 47 no. 184-89 Ja '68.

Development of botanical science in the Soviet Union during the last 50 years. M.F. Danilova and others. Bot. zhurn. 52 no. 10 1389-1448 O '67.

International symposium on the biology of trees in Nita. T.G. Chuburina. Bot. zhurn. 52 no. 12 82-81 D '67.

Resolution of the 2d all-Union symposium on the application of electron microscopy to botanical research. Tsitogen. 1 no. 6 80-81 N-D '67.

Use of morphophysiological analysis method in studying productivity of wheat varieties. R.F. Mel'tser, V.I. Ponomarev. Vest. Mosk. un. Ser. 6 Biol., pochi. 23 no. 1 83-89 Ja-F '68.

581(477)—Ukrainian S.S.R.
Botanical institutions of the U.S.S.R., during the 50 years of Soviet rule. G.I. Bal'ts. Bot. zhurn. 52 no. 10-15 10-15 O '67.

581 1 PLANT PHYSIOLOGY AND METABOLISM
Assimilation of phenols by higher plants. D.Sh. Ugol'nik. Izv. AN SSSR Ser. 6 Biol., pochi. 23 no. 1 91-95 J1 '67.

Barley vernalization in the Pamir highlands. P.G. Kirillova. Izv. Old biol. nauk in Tadzh. SSR no. 4 3-16 '67.

Biological characteristics and baking quality of wheat grain as related to the nutrition conditions of the plant. Gamal M. Khalid. Izv. TSKHA no. 3 93-97 '66.

Changes in the mitotic activity of onion root cells as affected by temperature shock. G.G. Batil'man, D.G. Simonian, G.E. Samvelian. Bot. zhurn. 52 no. 12 19-23 D '67.

Characteristics of the cambium activity in Nordmann fir as related to the forest type. L.A. Gotsiridze. Soob. AN Gruz. SSR 17 no. 1 155-160 J1 '67.

Chlorophyll chloride and gibberellin acid effect on oxidative phosphorylation in pea mitochondria. V.A. Volatil, V.P. Deeva, S.M. Mashtakov. Dokl. AN SSSR 11 no. 10,930-933 O '67.

Comparative data on the pollen morphology in species Gossypium hirsutum L., Gossypium barbadense L. and Gossypium trilobatum Lam. L.P. Shevchuk, A. Abdullaev. Uzb. biol. zhurn. 11 no. 6 72-76 '67.

Cotton seed germination as related to the concentration of soil solutions. I. Zhemurayev. Uzb. biol. zhurn. 11 no. 6 77-78 '67.

Creeper growth nature in some woody plants as exemplified by Salix viminalis L. T.G. Derjiz-Sokolova. Nauch. dokl. vyz. shkoly, biol. nauki 10 no. 11 51-71 '67.

Crystalline hemoglobin from root nodules of Lupinus luteus L. I.A. V. Pivo, G.I.A. Zhiznevskaya, G.I. Livanova. Dokl. AN SSSR 177 no. 5 1239-1231 D '67.

Effect of carbonic acid concentration on photosynthesis of Asteromonas gracilis At (ari) and Dunaliella salina Teod. E.V. Iurina. Nauch. dokl. vyz. shkoly, biol. nauki 10 no. 11 72-75 '67.

Effect of higher temperature on the suppression and reduction of the full reaction activity. G.T. Rakhimov. Uzb. biol. zhurn. 11 no. 6 20-22 '67.

Effect of nitrogen nutrition conditions on the absorption and assimilation of phosphorus by leguminous plants. N.V. Gulal'ma, M.M. Gukova, I.N. Arizurova. Izv. TSKHA no. 3 62-71 '65.

Effect of space flight environment on seeds of some higher plants aboard the "Kosmos-110." N.L. Delone and others. Izv. AN SSSR Ser. biol. no. 1 126-219 Ja-F '68.

Effect of temperature on the ultrastructure and oxidative phosphorylation in mitochondria of corn roots. P.A. Genkel', I.N. Andreeva, E.B. Kuz'mova. Izv. AN SSSR, Ser. biol. no. 1 53-58 Ja-F '68.

Effect of the gamma radiation of pea seeds on the fractional amino acid composition of protein in sprouts. S.P. Tselishchev and others. Izv. TSKHA no. 3 81-81 '66.

Ja-1 '68
Effect of ultraviolet rays on the ultrafine structure of chloroplasts. A.A. Shakhov, D.M. Golubskov. Izv. SSSR, Ser. biol. no. 1 15-52 Ja-F '66.

Experimental mutagenesis in tobacco. Report No. 1 Effect of chemical mutagens on M₁. D.U. Savich. Genetika no. 8 30-10 '67.

Retraction of pigment from algae with plasmatic membrane. N.P. Maslov, M.I. Radchenko. Genet. biol. zhurn. 3 no. 6 77-78 '67.

Germination of microspores in the genus Annonia. A. Agabekian. Bot. zhurn. Arm. 20 no. 19 77-80 D '67.

Glycolate-oxalate cycle in plants. T.A. Kabanik. Usp. sov. biol. 65 no. 1 20-31 Ja-F '68.

Hormones and plant regulators. I. Van-overbeek. Priroda no. 1 67 72 '68.

[Methological instructions on measuring the leaf water in plant evapotranspiration]. Metodi izmeren'ia vanila po kolichestvomu ucheta iashnikov vedy i parente rastitel'nost'u. Moskva, 1967. 129 p.

New method of lyophilic drying of biological material. P.P. Komarova. Dokl. AN SSSR 11 no. 11 1021-1021 N '67.

Paratonic sensory-motor systems in higher plants. Anan'yan. Bot. zhurn. Arm. 20 no. 19 85-91 D '68.

Participation of exogenous carbohydrate substrates in carbohydrate metabolism of some plant species. A. Babenko. Dokl. AN SSSR 177 no. 5 1219-1216 D '67.

Participation of metals in the evolution of oxidation-reduction processes in plants. P.A. Bolshakov. Izv. AN SSSR Ser. biol. no. 1 24-31 Ja-F '68.

Phosphatase from leaves of Pinus sibirica L. P.M. Mikhlin, N.B. Popyayeva. Izv. AN SSSR, Ser. biol. no. 1 133-136 Ja-F '68.

Photochemical activity of chloroplasts in iron deficiency in plants. L.K. Ostrovskaya, N.A. Zaitseva. Izv. AN SSSR 176 no. 5 1178-1180 O '67.

Photochemical and oxidative activity of chloroplasts of mutant forms of tomato. M.S. Guchinskii, A.S. V. V. Dokl. AN SSSR 11 no. 11 1021-1020 N '67.

Physiological importance of the fertilization process in plants. I.M. Molchan. Izv. TSKHA no. 1 17-20 '68.

Rapid determination of seed germination. N.G. Smirnova. Priroda no. 1 66 '68.

Relationship between the economic coefficient and the work of the assimilatory apparatus in spring wheat. V.A. Kumakov. Dokl. AN SSSR 177 no. 1 901-901 D '67.

Some physiological characteristics of heterotrophic and chlorophyllous effect on the growth of heterotrophic and etiolated pea seedlings. I.A. Kuznetsov, G.P. Pushkina. Nauch. dokl. vyz. shkoly, biol. nauki 10 no. 11 84-88 '67.

Stimulation of rice seed germination by hydrogen peroxide. L.A. Vorontsov. Nauch. dokl. vyz. shkoly, biol. nauki 10 no. 11 89-91 '67.

Symposium on problems of winter vegetation of plants. L.P. Sin'kovskii. Izv. Old biol. nauk AN Tadzh. SSR no. 4 117-118 '67.

Terpene formation in blue-green algae. I.A. Serebriakov, A.I. Sakvich. Dokl. AN SSSR 177 no. 1 959-960 D '68.

581.1(876 1)—Uzbek S.S.R.
Characteristics of the concentration of gold in soils of plants of the southern part of the Tashkent Kh. Artpova, R.M. Tulipov. Uzb. biol. zhurn. 10 no. 1 45-51 '66.

581 3 EMBRYOLOGY
Advances in palynological research in the U.S.S.R. M. Neishtadt. Bot. zhurn. 52 no. 10-1473-1481 O '67.

Developmental phases and embryological processes in sorghum species of the Tashkent region. I.I. Kuznetsov. Uzb. biol. zhurn. 11 no. 6 57-61 '67.

Microporogenesis and development of the male gametophyte in feather grass. M.P. Solntseva. Bot. zhurn. 52 no. 12 1757-1772 D '67.

Palynology of Daphne L. species in the Soviet Union. D.B. Arkhangelskii. Bot. zhurn. 52 no. 12 1765-1770 D '67.

581.4 MORPHOLOGY
Ecologic morphology of higher plants in the U.S.S.R. I.G. Serebriakov, I.I. Serebriakova. Bot. zhurn. 52 no. 10,1440-1471 O '67.

Species originating in tetrad of an intermediate type. A.N. Shadkov. Vest. Mosk. un. Ser. 6 Biol., pochi. 23 no. 1 78-82 Ja-F '68.

Use of morphophysiological analysis method in studying productivity of wheat varieties. R.F. Mel'tser, V.I. Ponomarev. Vest. Mosk. un. Ser. 6 Biol., pochi. 23 no. 1 83-89 Ja-F '68.

581.5 ECOLOGY
Chlorella vulgaris cultivation on soybean oil refinery. T.N. Sivko, V.G. Kondratyuk. Dokl. AN SSSR 11 no. 12,1177-1179 D '67.

Ecologic morphology of higher plants in the U.S.S.R. I.G. Serebriakov, I.I. Serebriakova. Bot. zhurn. 52 no. 10 1440-1471 O '67.

Effect of phosphorus, silicon, iron, nitrate, and ammonium nitrogen on phytoplankton production. V.A. Serdyuk, V.M. Khramov. Vest. Mosk. un. Ser. 6 Biol., pochi. 23 no. 1 80-93 Ja-F '68.

581.5 (Continued)

Effect of the vegetation of the U.S.S.R. in relation to its utilization in the national economy. V.D. Aleksandrova. *Per. zhur.* 72 no. 10-11:1385-1392 O '67.

581.5(471.311)—Moscow Province

Ecotone range and phytocenotic adaptation of some forest meadows in the Moscow region. V.V. Petrov, D.N. Tsyganov. *Nauch. dokl. vys. shkoly, biol. nauki* 10 no. 11:36-39 '67.

581.5(571)—Arabic R. S. S. R.

Effect of anthropogenic factors on the abundance and distribution of mushrooms in the forest of Subria. A.V. Gerasimov, F.F. Gerasimov, G.I. Saitmakova. *Rast. res.* 3 no. 4:361-367 '67.

581.5(571.62)—Khabarovsk Territory

Aspen and the climate. A.G. Zinodanov. *Prirada* no. 1:105-110.

581.5(574)—Kazakh S. S. R.

Geography and structure of the steppe vegetation of Kazakhstan in 1951-1966. Z.V. Karanysheva, L.I. Zaitlova. *Bot. zhur.* 52 no. 12:1812-1823 D '67.

Ecology of insectivores in Central Kazakhstan: a review of publications. A.A. Ivanov. *Bot. zhur.* 52 no. 12:1823-1849 D '67.

581.8 PLANT HISTOLOGY

Structure of the cuticula of the bark of *Pinus sibirica*. I.B. Sokolovskaya. *Bot. zhur.* 52 no. 12:1757-1761 D '67.

Spectrum of structural chromosomal mutation in natural cell mutagenesis in *Vicia faba* L., metaphase analysis. G.S. Ilyukova. *Genetika* no. 8:11-18 '67.

581.9 PHYTOGEOGRAPHY

Vegetation of the U.S.S.R., the greatest achievement of Soviet taxonomy. M.I. Ilyichnikov. *Bot. zhur.* 52 no. 12:1503-1529 O '67.

Vegetation of plant communities in the U.S.S.R. A.A. Korotkiy. *Bot. zhur.* 52 no. 12:1810-1846 D '67.

581.9(479.223)—Adzharia S. S. R.

Vegetation in plants of humid subtropical regions. V.N. Gerasimov, O.I. Brikhtova, G.G. Pukhova. *Vest. Mosk. un. Ser. 6 Biol. pochv.* 23 no. 1:17-55 Ja-I '68.

582 PLANT TAXONOMY

Isolation of *Trichostema* (Prokhanov, I.T. Vasilchenko). *Bot. zhur.* 52 no. 12:1807-1811 D '67.

Pachyrrhiza, E.G. [Species of the Chaetodon section and its position in the genus *Astragalus*]. *Vidy sektsii Chaetodon* i ee polozhenie v rode *Astragalus*. Tashkent, "Fan," 1967. 52 p.

Systematic review of Caucasian *Trichostema*. M.I. Ilyichnikov. *Bot. zhur.* 52 no. 12:1789-1791 D '67.

Umbelliferae and the basis for the separation of *Celtidaceae* as an independent family *Celtidaceae* Link. I.A. Gaidukovskaya. *Bot. zhur.* 52 no. 12:1723-1749 D '67.

582(471.311)—Moscow Province

Ecotone range and phytocenotic adaptation of some forest meadows in the Moscow region. V.V. Petrov, D.N. Tsyganov. *Nauch. dokl. vys. shkoly, biol. nauki* 10 no. 11:36-39 '67.

582.2 SPORE PLANTS

Characteristics of the development of fungi in saproxylic fungi. A.P. Pridopliko and others. *Dokl. AN BSSR* 11 no. 12:1120-1121 D '67.

Effect of carbonic acid concentration on photosynthesis of *Antrodia vaucheriae* and *Dunalatia salina*. T.G. I.V. Ufina. *Nauch. dokl. vys. shkoly, biol. nauki* 10 no. 11:72-75 '67.

Effect of increased potassium and magnesium ion concentration on the metabolic complementation in yeast. V.V. Pavlenko, T.R. Souda. *Genetika* no. 1:135-143 '67.

Effect of phosphorus, silicon, iron, nitrate, and ammonia nitrogen on phytoplankton production. V.A. Semina, V.M. Khramov. *Vest. Mosk. un. Ser. 6 Biol. pochv.* 23 no. 1:90-94 Ja-I '68.

Extraction of pigments from algae with plasmatic membrane. N.P. Maslov, M.I. Radchenko. *Gidrobiol. zhur.* 3 no. 6:77-78 '67.

Germination of oospores (dormant spores) in *Peronospora arvensis* Gawn. N.I. Gaponenko. *Urb. biol. zhur.* 11 no. 6:64 '67.

Nitrogen-containing compounds of some blue-green algae. G.N. Rzhanova. *Izv. AN SSSR, Ser. biol.* no. 1:143-149 Ja-F '68.

Relation of *Verticillium dahliae* Kleb. to pectin substances and cellulose as a source of carbon nutrition. G.I.A. Gusanov, N.G. Gubanov. *Nauch. dokl. vys. shkoly, biol. nauki* 10 no. 11:70-78 '67.

Spores originating in tetrads of an intermediate type. N.N. Sladkov. *Vest. Mosk. un. Ser. 6 Biol. pochv.* 23 no. 1:70-82 Ja-F '68.

Terpene formation in blue-green algae. L.A. Sirenko, A.I. Sakovich. *Dokl. AN SSSR* 177 no. 4:958-960 D '67.

582.2(477)—Ukrainian S. S. R.

Fungus *Cochlonomyces quindrangulatus* Couch., a parasite of mosquito larvae. Z.H. Lavitska, I.O. Dudka, D.B. Tsarychko. *Dop. AN URSR, Ser. B* 29 no. 12:116-118 D '67.

582.2(575.1)—Uzbek S. S. R.

Some aquatic fungi imperfecti, isolated from the bodies of water of the Tashkent region. Kh.M. Kirgizbaeva. *Urb. biol. zhur.* 11 no. 6:30-31 '67.

582.4 SEED PLANTS

Creeping growth in some woody plants as a complication by *Shivimushis* L. T.G. Derzav-Sokolova. *Nauch. dokl. vys. shkoly, biol. nauki* 10 no. 11:64-71 '67.

Dynamics of aerial mass accumulation in some Calligonum L. species cultivated in the ephemeral desert of Uzbekistan. *Rast. res.* 3 no. 4:608-611 '67.

Estimation of spruce twigs. S.A. Solov'ev, V.V. Andreev. *Rast. res.* 3 no. 1:520-523 '67.

Estimation of the weight of needles and the volume of shoots in young spruce. B.A. Solov'ev. *Rast. res.* 3 no. 1:513-520 '67.

Planting of *Pinus koraiensis* Sieb. et Zucc. in the northern part of its range. A.G. Zinodanov. *Rast. res.* 3 no. 1:518-516 '67.

Future study of seed production of *Pinus sibirica* and *Pinus koraiensis*. A.I. Zinodanov. *Rast. res.* 3 no. 1:513-518 '67.

Microsporogenesis and development of the male gametophyte in feather grasses. M.P. Solntseva. *Bot. zhur.* 52 no. 12:1757-1772 D '67.

Palynology of *Daphne* L. species in the Soviet Union. D.B. Vikhungel'skiy. *Bot. zhur.* 52 no. 12:1765-1769 D '67.

Productivity of the aerial part of 75-year old spruce stand. V.V. Smirnov, V.I. Alekseev. *Rast. res.* 3 no. 1:505-513 '67.

Role of mass mycorrhiza formation in growing larch seedlings in a steppe. G.A. Zak, G.I. Tsering. *Izv. AN SSSR, Ser. biol.* no. 1:110-151 Ja-I '68.

Umbelliferae and the basis for the separation of *Celtidaceae* as an independent family *Celtidaceae* Link. I.A. Gaidukovskaya. *Bot. zhur.* 52 no. 12:1723-1749 D '67.

582.4(477.88)—Transcarpathia

Growth and development of beech seedlings under different illumination conditions. M.S. Dvorakovich, V.P. Churkina. *Vest. Mosk. un. Ser. 6 Biol. pochv.* 23 no. 1:71-77 Ja-I '68.

582.4(479)—Caucasus and Transcaucasia

Additional data on the key systematics of Caucasian species of the genus *Onithogalum* L. N.D. Agapova. *Bot. zhur.* 52 no. 12:1758-1756 D '67.

Systematic review of Caucasian *Trichostema*. M.I. Ilyichnikov. *Bot. zhur.* 52 no. 12:1789-1791 D '67.

582.4(571.15)—Altai Territory

The water chestnut (*Trapa natans* L.) in Krugloye Lake. V.M. Ostapenko. *Izv. Alt. gos. univ. Ser. 7, 119-120 '66.*

582.4(571.53)—Irkutsk Province

Relict spruce grove on Olkhon Island. V.V. Lamakin. *Biol. kom. chety. per.* no. 3:112-111 '67.

582.4(571.6)—Soviet Far East

Distribution, stands and productivity of *Rosa rugosa* Thunb. in the continental coastal area of the Far East. G.I. Novichenko. *Rast. res.* 3 no. 4:546-554 '67.

582.4(571.62)—Khabarovsk Territory

Barren schreibia (Junc.) in the Khabarovsk Territory. A.P. Nechaev, G.E. Pavlenko. *Bot. zhur.* 52 no. 12:1795-1798 D '67.

582.4(571.66)—Kamchatka Province

Two new adventitious species of Umbelliferae in Kamchatka. V.N. Tikhomirov, V.R. Fina. *Vest. Mosk. un. Ser. 6 Biol. pochv.* 23 no. 1:118-119 Ja-I '68.

582.4(575)—Central Asia

Unusual tulips. A.A. Ivashchenko. *Prirada* no. 1:91 '66.

582.4(575.3)—Tajik S. S. R.

Some additional material on *Anemone basianensis* Juz. M.M. Shakhova. *Izv. Old. biol. nauk AN Tadzhik SSR* no. 1:95-98 '67.

581.1 ANIMAL PHYSIOLOGY

Alternation of action potentials of single muscle fibers of the heart. E.B. Babitskiy, E.A. Raikhsbaum. *Dokl. AN SSSR* 177 no. 4:970-973 D '67.

Amplitude and frequency modulation of the active electric field in the encephalon of a frog. A.A. Spasskiy, N.T. Fedorenko. *Dokl. AN SSSR* 177 no. 5:1243-1241 D '67.

Autodiagnostic study of DNA synthesis in neutrophils of the peripheral blood of various mammalian species. N.I. Komarov, N.G. Khurshchev. *Dokl. AN SSSR* 177 no. 1:933-935 D '67.

Biochemical heterogeneity of mitochondria in muscles of *Musca domestica* wings. R.I. Lachinova. *Zhur. evol. biokhim. i fiziol.* 3 no. 4:295-299 Ji-Ag '67.

Characteristics of ammonia binding in the brain of rats of different age groups. E.A. Gordinenko. *Zhur. evol. biokhim. i fiziol.* 3 no. 1:314-320 Ji-Ag '67.

Choline reception in single fibers of the tonic frog muscle. N.M. Shamarina. *Zhur. evol. biokhim. i fiziol.* 3 no. 4:358-366 Ji-Ag '67.

Cytophotometric and autoradiographic analysis of DNA synthesis in the rat myotendons affected by hypertrophy caused by abdominal aorta coarctation. V.O. Muksian. *Biol. zhur. Arm.* 20 no. 12:10-37 D '67.

Decarboxylation of L-amino acids in the kidney tissue. G.Ih. Baniatyan, A.S. Oganesian, Zh.S. Geyorhian. *Dokl. AN SSSR* 177 no. 4:951-954 D '67.

Dynamics of urea excretion in the brain tissue of lesser eels during its hibernation. T.Z. Emirbekov. *Nauch. dokl. vys. shkoly, biol. nauki* 10 no. 11:53-55 '67.

Effect of hypothermia during X-ray irradiation on the development of radiation injury of the chick embryo. N.N. Partskhaladze. *Soob. AN Gruz. SSR* 47 no. 1:189-192 Ji '67.

Exocrine pancreatic gland activity in hypothyroid states. U.Z. Kadyrova, I.A. Alimova. *Urb. biol. zhur.* 11 no. 6:23-26 '67.

Feeding habits of the pine marten in the Central Urals. I.U. Bakkeev. *Uch. zap. UGU* no. 13:58-65 '66.

Fluctuation of the lactate activity of the abdominal nerve chain in leeches. O.D. Terezhkov. *Vest. Mosk. un. Ser. 6 Biol. pochv.* 23 no. 1:38-42 Ja-I '68.

Functional connections of the general cortex with the visual center of the mudbrain in turtle. T.M. Zagorodko. *Zhur. evol. biokhim. i fiziol.* 3 no. 1:342-351 Ji-Ag '67.

Histochemical changes in aromatic amino acids and proteins, containing thiol groups, in central nervous system neurons following hypothermia. L.K. Shashidze, A.G. Kavkasidze, P.I.D. Shcherashvili. *Soob. AN Gruz. SSR* 47 no. 1:207-212 Ji '67.

In vitro relationship between lymphoid cells and kidney cells of hamsters infected with polyoma virus. V.P. Gantong, V.V. Memargina. *Dokl. AN SSSR* 177 no. 6:121-122 D '67.

Late superficial negative waves as an index of well stabilized positive conditioned reflexes in dogs. G.T. Sakhlidze, E.B. Lumbinskii. *Dokl. AN SSSR* 176 no. 5:1195-1197 O '67.

Membrane potential changes in skeletal muscles in the postnatal development of mammals. S.S. Solomonov. *Zhur. evol. biokhim. i fiziol.* 3 no. 4:421-425 Ji-Ag '67.

Morphological and functional characteristics of cortical neurons in the postnatal ontogeny of rabbits. N.N. Vasilievskii, I.P. Tsvetkova. *Zhur. evol. biokhim. i fiziol.* 3 no. 4:320-334 Ji-Ag '67.

Parabolic nature of the refractory phase of a single nerve fiber in crayfish. P.I. Gulayev, N.I. Shkippenbakh. *Neirofiziol.* no. 8:177-170 '67.

Resistance of *Antennaria* to the concentration of gases dissolved in water. K.A. Voskresenskiy, I.Sh. Khudakov. *Vest. Mosk. un. Ser. 6 Biol. pochv.* 23 no. 1:22-27 Ja-I '68.

Response of the reticulospinal muscle to acetylcholine. N.A. Lina, N.P. Skolobovskiy. *Zhur. evol. biokhim. i fiziol.* 3 no. 4:352-358 Ji-Ag '67.

Responses of the olfactory bulb to the electrical stimulation of the olfactory nerve in perch and pike. G.I. Ilyanova. *Zhur. evol. biokhim. i fiziol.* 3 no. 1:335-341 Ji-Ag '67.

Some biochemical indices of young *Oncorhynchus gorbuscha* (Walbaum) and its eggs. Z.M. Kalashnikova, M.S. Kamysheva, A.I. Smirnov. *Nauch. dokl. vys. shkoly, biol. nauki* 10 no. 11:16-22 '67.

Study of the development of thermoregulation in *Passeriformes*. E.S. Nekrasov. *Uch. zap. UGU* no. 4:179-181 '66.

Thyrocalcitonin, a new thyroid hormone. L.I. Stokolnikov, O.M. Tepelina. *Prirada* no. 1:86-88 '66.

Tissue reserves used in the restoration of the regenerative capacity of extremities of axolotls suppressed by X-rays. S.I.A. Tuckkova. *Dokl. AN SSSR* 176 no. 5:1181-1184 O '67.

Variation of the length of mitotic cycle in the mammalian tissue. G.P. Gurev, G.M. Svishchev. *Dokl. AN SSSR* 176 no. 5:1188-1190 O '67.

581.3 EMBRYOLOGY

Afferent nerve cells in the arch of embryonic aorta. L.I. Novikov. *Dokl. AN BSSR* 11 no. 12:1126-1129 D '67.

Cyto- and karyometric studies of blastocytes of *Talpa altaica* in diapause. I.U. B. Buvskii. *Dokl. AN SSSR* 176 no. 5:1198-1200 O '67.

Effect of hypothermia during X-ray irradiation on the development of radiation injury of the chick embryo. N.N. Partskhaladze. *Soob. AN Gruz. SSR* 47 no. 1:189-192 Ji '67.

Hatching time of *Misgurnus fossilis* L. as related to oxygen supply. N.V. Koltaiyevskaya. *Dokl. AN SSSR* 177 no. 5:1245-1248 D '67.

Morphogenetic relationship between artificially drawn together neural tubes in amphibian embryos. L.V. Belousov. *Dokl. AN SSSR* 176 no. 5:1201-1204 O '67.

581.4 ANATOMY

Afferent nerve cells in the arch of the embryonic aorta. L.I. Novikov. *Dokl. AN BSSR* 11 no. 12:1126-1129 D '67.

- Uzbekistan Scientific Society of Epidemiologists, Microbiologists and Infectious Disease Specialists
I. S. Popov, Zhur. mikrobiol., epid. i immun. 44 no. 12 138-139 D '67
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- Heterophilic assimilation of carbon dioxide used in studying bacteriostatic properties of fish serum
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- Role of the posterior limbic area in the activity of the viscerosensory analyzer
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A. V. Antonichev, V. B. Rosen, Probl. endok. 14 no. 6 81-88 N-D '67
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Effect of a complex of low molecular substance to sedation on acclimatization to hypoxia. A. I. Krasnova and others. *Vop. pit.* 26 no 3 55-61 My-Je '67

Effect of stelazine on oxygen consumption and glycolytic activity of cerebral tissue. S. F. Filipov. *Sov. Zh. fiziol. zhur.* 11 no 1 103-108 '68

Correlation of the lymph and blood vessels of the pulmonary parenchyma. L. I. Rassokhina-Volkova. *Trudy Dush. med. inst.* 88 no 1 33-35 '67

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Stabilization of basic biochemical indices during work on heart and lung preparation. S. A. Patskani, V. I. Mischchenko, M. D. Iobkova. *Fiziol. zhur.* [Ukr.] 11 no 1 57-63 Ja '68

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Change in free amino acid content in wild boar meat as related to its freshness. V. M. Blonozov. *Vop. pit.* 25 no 2 35-40 Mi-Ap '67

Characterization of the participation of the pancreatic gland in the nitrogen metabolism in calves of various ages. P. I. Zhuravichov, V. F. Vuklin, Tong Chan Dao. *Tr. TSKhA* no 1193-200 '66

Classification of alimentary poisonings. Z. A. Ignatovich, A. P. Krupnik. *Trudy Len. inst. epid. i mikrobiol.* 32 5-10 '67

Complex study of the physiological functions in normal people following a change in nutrition pattern. M. A. Subakin and others. *Vop. pit.* 26 no 2 1-9 Mi-Ap '67

Correlations between morphological changes in the mucous membrane of the stomach and its secretory function in various age groups. V. I. A. Peresidskiy. *Fiziol. zhur.* [Ukr.] 11 no 1 91-100 Ja '68

Disruptive marks of our days notes of a conference on nutrition. V. Metlov. *Tyl i snab. Sov. Vost. Sib.* 26 no 3 55-58 Ag '66

Effect of catechol and/or serotonin on gastric secretion. L. I. Gorchishkin. *Farm. i toks.* 30 no 5 613-615 S-O '67

Effect of diastolic currents on the absorption of lipids and fatty acid in the intestine. V. R. Faltelberg, P. M. S. H. Mavileva. *Fiziol. zhur.* [Ukr.] 11 no 1 23-27 Ja '68

Effect of estrogens on the biosynthesis of nucleic acids in the liver of rats. R. S. Tishenina. *Probl. endok.* 13 no 6 89-91 N-D '67

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Individual anatomical differences of the greater omentum in younger children. V. I. Shifrin. *Arkh. anat., gist. i embriol.* 53 no 11 5-12 N '67

Intraarterial lymph vessels of the esophagus in dogs under normal conditions. E. K. Karimov. *Trudy Dush. med. inst.* 88 no 1 25-28 '67

Intraarterial blood supply of the greater omentum in man. F. A. Abdurakhmanov. *Trudy Dush. med. inst.* 88 no 1 5-10 '67

Intraarterial lymph and blood vessels of the parietal peritoneum in man. I. U. Ildashev. *Trudy Dush. med. inst.* 88 no 1 94-103 '67

Intraarterial lymphatic system of the large intestine in white rats and its age-related changes. L. I. Rassokhina-Volkova. *Trudy Dush. med. inst.* 88 no 4 36-41 '67

Problems of nutritional hygiene; scientific notes. *Voprosy gijeny pishani, uchenye zapiski.* Moskva, 1967. 139 p.

Röntgenogrammetric determination of the length of the diaphragmatic-peritoneal region of the esophagus. R. L. Kushnarevich. *Arkh. anat., gist. i embriol.* 53 no 11 50-6 N '67

Role of bioflavonoids and ascorbic acid in tyrosine metabolism. N. N. Berezovskaya. *Vop. pit.* 26 no 2 48-53 Mi-Ap '67

Simplified and rapid method of eliminating hydrochloric acid from protein hydrolysates. V. I. Somlin. *Vop. pit.* 26 no 2 29-34 Mi-Ap '67

Sklarov, I. A. P. [Absorptive efficiency of the small intestine] *Vsasyvatel'naya rabotosposobnost' tonkogo kishchnika.* [Kiev] "Zdorov'ia," 1966. 197 p. (DNI.)

Use of feed nitrogen for the synthesis of microbial protein in the rumen of ruminants. P. I. Zhuravichov, A. I. Solntsev, R. V. Veselukhin. *Izv. TSKhA* no 3 181-182 '66

Using protein hydrolysates of aminopeptide-2 and hydrolysin L-103 in surgery. N. K. Dzhughu. *Klin. Khim.* no 11 16-20 N '67

Vitamin C effect on the assimilation of calcium and phosphorus, found in food, by the organisms of preschool children. A. M. Vorobeyeva. *Vop. pit.* 26 no 1 76-81 My-Je '67

Vitamin E in cheese. R. Ramanauskas. *Vop. pit.* 26 no 2 77-78 Mi-Ap '67

612.4 GLANDULAR PHYSIOLOGY SECRETION EXCRETION

Abductor lymph vessels of the gallbladder in man. K. Dohradava. *Trudy Dush. med. inst.* 88 no 4 22-24 '67

Activity of some enzymes in adhesive disease. I. S. Bely. *Vest. khir.* 99 no 7 72-74 N '67

Anatomy of the adrenal veins and arteries in dogs. M. R. Sapin, V. K. Ivachenko. *Trudy Dush. med. inst.* 88 no 1 66-70 '67

Anatomy of the arteries of the adrenal glands in man. M. R. Sapin. *Trudy Dush. med. inst.* 88 no 4 60-63 '67

Anatomy of the lymphatic system in bats. I. A. Rakhimov. *Trudy Dush. med. inst.* 88 no 4 48-52 '67

Anatomy of the lymphatic system in Delphinus delphis. I. A. Rakhimov. *Trudy Dush. med. inst.* 88 no 4 57-59 '67

Anatomy of the lymphatic system in hedgehogs. I. A. Rakhimov. *Trudy Dush. med. inst.* 88 no 1 42-46 '67

Anatomy of the lymphatic system in porcupines. I. A. Rakhimov. *Trudy Dush. med. inst.* 88 no 4 53-56 '67

Anniversary Plenum of Endocrinologists. *Probl. endok.* 13 no 6 116 N-D '67

Biosynthesis of corticosteroids in the adrenal glands of human fetuses. Report No. 2. Transformation of pregnenolone and the effect of ACTH on the biosynthesis of hydrocortisone. T. S. Sakhatkaya. *Probl. endok.* 13 no 6 81-85 N-D '67

Content of catecholamines in the brainstem in white rats and the sedative effect of some tranquilizers. N. B. Vysotskaya, F. M. Shugina. *Farm. i toks.* 30 no 5 553-556 S-O '67

Correlation between the somatotrophic hormone and the state of the acidophilic cells in the adenohypophysis of human fetuses. T. S. Pionina, E. V. Pavlova. *Probl. endok.* 13 no 6 58-63 N-D '67

Correlations between morphological changes in the mucous membrane of the stomach and its secretory function in various age groups. V. I. A. Peresidskiy. *Fiziol. zhur.* [Ukr.] 11 no 1 91-100 Ja '68

Deep cooling as a method of preservation and prolonged storage of the marrow. N. S. Pustilov and others. *Klin. khim.* no 12 32-36 D '67

Effect of fever and overheating of the body on diuresis and excretion of sodium and potassium with the urine. V. D. Lindnerbraten. *Pat. fiziol. i eksp.* 11 no 5 88-89 S-O '67

Effect of monomycin on the functional state of kidneys in dogs. L. F. Gol'dberg. *Antibiotiki* 13 no 1 57-65 Ja '68

Effect of stimulants of the central nervous system on the motor activity in rats and the content of noradrenaline in the brainstem. P. A. Sharov. *Farm. i toks.* 30 no 5 535-539 S-O '67

Effect of the corticosteroid level in the blood of pregnant rats on the adrenocorticotrophic function of the hypophysis in the fetus. I. U. B. Skel'skaya. *Probl. endok.* 13 no 1 57-61 Ja '68

Excretion of 1-pyridoxyl acid with the urine in 2-to-3-year old children. O. V. Markushtinskaya. *Vop. pit.* 26 no 2 83-84 Mi-Ap '67

Excretion of vitamin B₁₂ with the urine in healthy children. N. I. Koyko. *Vop. pit.* 26 no 3 93-94 My-Je '67

Pressure of the round ligament of the liver or umbilical vein. P. V. Yakubovskaya, A. I. Tabakov. *Arkh. anat., gist. i embriol.* 53 no 11 82-86 N '67

Functional state of the adrenal cortex in newborn infants of a mother with pulmonary tuberculosis. V. A. Tabolin, N. A. Badalov, G. P. Mitrofanova. *Azerb. med. zhur.* 14 no 12 42-48 D '67

Hypothalamic-hypophyseal regulation of the sexual cycle, a review. V. G. Baranov, M. V. Piopp. O. N. Savchenko. *Probl. endok.* 13 no 1 117-121 Ja '68

Interrelation of the lymph and blood vessels of the pulmonary parenchyma. L. I. Rassokhina-Volkova. *Trudy Dush. med. inst.* 88 no 4 31-36 '67

Intraarterial lymph vessels of the esophagus in dogs under normal conditions. E. K. Karimov. *Trudy Dush. med. inst.* 88 no 4 25-28 '67

Intraarterial branches of arteries of the pancreas. N. S. Shadrina. *Arkh. anat., gist. i embriol.* 53 no 11 88-91 N '67

Intraarterial lymph and blood vessels of the parietal peritoneum in man. I. U. Ildashev. *Trudy Dush. med. inst.* 88 no 1 94-102 '67

Intraarterial lymphatic system of the large intestine in white rats and its age-related changes. L. I. Rassokhina-Volkova. *Trudy Dush. med. inst.* 88 no 4 36-41 '67

Problems of cytology and cytophysiology of secretory symposium in Moscow, January 1967. A. A. Volkovich. *Arkh. anat., gist. i embriol.* 53 no 11 119-121 N '67

Relationship between the indices of ascorbic acid content in the blood plasma and its milligram-hour excretion with urine. L. I. Geller, R. S. Ostrovskaya, L. L. Biaginskaya. *Vop. pit.* 26 no 3 87-89 My-Je '67

Significance of the hypophysis in the binding of plasma hydrocortisone by corticosteroid binding globulin in guinea pigs. A. V. Antonov, V. B. Rostov. *Probl. endok.* 13 no 6 65-69 N-D '67

Significance of the thyroid gland in the adaptation of rats to high-mountain conditions. I. P. Dudnik, I. I. Gorbunov. *Fiziol. zhur.* [Ukr.] 11 no 1 64-71 Ja '68

Study of the effect of anticoagulants on renal function. K. M. Lashin, P. V. Seleznev. *Farm. i toks.* 30 no 5 626-630 S-O '67

Study of the steroid content in the adrenal blood in dogs. V. N. Gancharev. *Probl. endok.* 13 no 6 77-80 N-D '67

24 Endocrinological Conference of the White Russian, Latvian, and Lithuanian Republics. November 24-26, 1966. V. I. Astrauskas. *Probl. endok.* 13 no 6 110-118 N-D '67

Use of thin layer chromatography method for the determination of corticosteroids in blood flowing from the adrenal glands and in the adrenal tissues in rats. T. I. Ivanchenko, R. N. Shikharov. *Fiziol. zhur.* [Ukr.] 11 no 1 72-77 Ja '68

612.4 (497.1)—Yugoslavia

First Yugoslav symposium on thyroid gland. *Probl. endok.* 13 no 6 119 N-D '67

612.5 ANIMAL HEAT BODY TEMPERATURE

Basic metabolism in animals as related to negative entropy principle of information. A. I. Bykhovskiy. *Dokl. AN SSSR* 177 no 5 1219-1222 D '67

Characteristics of temperature and leukocyte reaction in late schistosomiasis with pyramidal psychosis. I. U. I. Tironova. *Zh. zh. fiziol. i psikh.* 66 no 1 77-82 '68

Compound effect of various temperatures of the environment, physical load and oxygen concentration in the inhaled air on the thermoregulating functions in man. O. O. Navskikh and others. *Fiziol. zhur.* [Ukr.] 11 no 1 73-80 Ja '68

Correlation of data of direct and indirect calorimetry during recovery from hypocalcemia in healthy adults and in experimental hypothyroidism. L. I. Mikhel'skiy. *Probl. endok.* 13 no 6 99-100 Ja '68

Correlation of temperatures in various sections of the brain and body in experimental hypothermia in clinical practice. V. A. Butov and others. *Khirurgiya* 43 no 12 14-21 D '67

Effect of fever and overheating of the body on diuresis and excretion of sodium and potassium with the urine. V. D. Lindnerbraten. *Pat. fiziol. i eksp.* 11 no 5 88-89 S-O '67

Experimental model of controlled burns with subcutaneous taking of temperature. I. E. Huts, M. M. Diak. *Fiziol. zhur.* [Ukr.] 11 no 1 111-116 Ja '68

Histochemical changes in aromatic amino acids and proteins, containing thiol groups, in central nervous system neurons following hyperthermia. L. K. Shashidze, A. G. Kavkazidze, P. I. Dzhishashvili. *Sob. AN Gruz. SSR* 47 no 1 207-212 Ja '67

Regulation of transitory processes originating due to body temperature changes in rabbits following X-ray irradiation. V. K. Tkach, V. I. Bolko. *Fiziol. zhur.* [Ukr.] 11 no 1 117-120 Ja '68

612.6 REPRODUCTION. DEVELOPMENT. GROWTH. AGING. DEATH

Acceleration of the growth and age-related sex differentiation in children and adolescents. P. N. Bashkurov. *Arkh. anat., gist. i embriol.* 53 no 11 102-110 '67

Age-related changes in some internal organs of Moscow Bronze hen turkeys. Z. A. Zhidikh. *Izv. TSKhA* no 3 207-211 '66

Age-related characteristics of free amino acid content in the liver caused by different dietetic patterns. E. L. Lebedeva. *Vop. pit.* 26 no 3 67-72 My-Je '67

Biosynthesis of corticosteroids in the adrenal glands of human fetuses. Report No. 2. Transformation of pregnenolone and the effect of ACTH on the biosynthesis of hydrocortisone. T. S. Sakhatkaya. *Probl. endok.* 13 no 6 81-85 N-D '67

Characteristics of certain functional indicators in elementary grade students at various levels of physical development. V. K. Shurukina. *Nov. issl. v ped. nauk.* no 8 160-164 '66

Characteristics of the intraorganic blood supply system of the male sexual gland in elderly persons. L. E. Ettinger, V. K. Akulov. *Trudy Dush. med. inst.* 88 no 4 90-93 '67

Correlation between the somatotrophic hormone and the state of the acidophilic cells in the adenohypophysis of human fetuses. T. S. Pionina, E. V. Pavlova. *Probl. endok.* 13 no 6 58-63 N-D '67

Davydovskiy, I. V. [What aging means] *Chto znachit starenie?* Moskva, "Znanie," 1967. 64 p. (Novoe v zhizni, nauka, tekhnika 8 seriya Biologiya, 12).

Degree of ossification of pharyngeal cartilages in long-lived persons in roentgenographic picture. G. M. Mayomedov. *Arkh. anat., gist. i embriol.* 53 no 11 72-75 N '67

Effect of estrogens on the biosynthesis of nucleic acids in the liver of rats. R. S. Tishenina. *Probl. endok.* 13 no 6 80-83 N-D '67

Effect of sodium hydrocarbonate on the teratogenic activity of orani (carburtamide). I. R. Barilak. *Farm. i toks.* 30 no 5 631-633 S-O '67

Effect of the corticosteroid level in the blood of pregnant rats on the adrenocorticotrophic function of the hypophysis in the fetus. I. U. B. Skel'skaya. *Probl. endok.* 13 no 1 57-61 Ja '68

- Excessive weight at birth and fractures of the clavicle in newborn infants. A. P. Matveeva. *Trudy TSU* 103 61-67 '67.
- Experience in transplacental transmission of immunity against tetanus. M. N. Lents, P. K. Lents, I. A. Kravtsov, Zhur, mikrobiol., epid. i immun. 41 no. 12 119-121 '67.
- General regularities and regulation mechanisms of functional systems in aging. V. V. Pirovskiy. *Fiziol zhur. [Ukr.]* 14 no. 13-14 1-11 '68.
- The golden autumn of life. O. Dimin. *V mlce knig* 7 no. 8 16 '67.
- Growth of total body dimensions of 8-15 year-old children. G. I. Salnikova. *Nov issl v ped nauk* no. 8 158-159 '66.
- Hypothalamo-hypophysal regulation of the sexual cycle: a review. V. G. Baranov, M. V. Piropp, O. N. Savchenko. *Probl endok* 11 no. 1 117-124 1a-f '68.
- Inactivation of acetylcholine and adrenaline in mammary glands. I. I. Grachev, T. A. Rybakova. *Nerv sist* no. 8 102-110 '67.
- Level of the somatotrophic hormone in the blood serum in diabetic betaridosis. G. S. Zefirova, Z. I. I. vitskaya. *Trudy TSU* 104 189-192 '67.
- Problem of perinatal mortality. A. P. Matveeva. *Trudy TSU* 103 68-69 '67.
- Role of the somatotrophic hormone in the inhibition of growth in children with diabetes mellitus complicated with Marfan's syndrome. Z. I. I. vitskaya, G. S. Zefirova. *Trudy TSU* 104 184-188 '67.
- S. P. Botkin's ideas and the development of present-day gerontology. D. P. Chebotarev. *Sov med.* 30 no. 1 142-148 Ja '68.
- Significance of thermal stimuli for afferent impulsion of the testicles. B. A. Vartapetov, A. I. Gladkova, N. S. Demidenko. *Probl endok* 13 no. 6 97-102 N-D '67.
- Some age-related characteristics of the structure of the compact substance of long tubular bones in man. V. I. Dobriak. *Arkh. anat., gist. i embr.* 53 no. 11 53-58 N '67.
- 612.7 ORGANS OF MOVEMENT VOICE, SKIN**
- Blood supply system of the skin in rabbits and dogs under normal conditions. V. S. Skibo. *Trudy Dush. med. inst* 88 no. 4 71-74 '67.
- Changes in the muscle strength of school-age girls depending on their age. V. P. Chelchik, Teor. i prak. fiz. kul't., 30 no. 1 144-46 Ja '67.
- Changing conditions of the visual analyzer during complex movements. N. G. Medvedeva. *Teor. i prak. fiz. kul't.* 30 no. 1 132-38 Ja '67.
- Comparative evaluation of the intensity of reparative processes in osseous tissue in various methods of filling up the defects following experimental necrectomy. D. P. Kovalev. *Probl. tub.* 45 no. 8 78-83 '67.
- Degeneration of the nervous system of the skin following the section of a nerve. K. K. Sergeev. *Vest. derm. i ven.* 41 no. 8 40-43 Ag '67.
- Effect of prolonged stimulation of the afferent nerve on the functional state of the central nervous system and work of muscles. I. A. Vetiukov. *Nerv sist.* no. 8 79-85 '67.
- Effect of reactivators of cholinesterase TMB-1 and 2-PAM on the effectiveness of muscle relaxants. A. P. Danilov, V. V. Lavrent'eva. *Farm. i toks.* 30 no. 5 567-572 S-O '67.
- Effect of stimulants of the central nervous system on the motor activity in rats and the content of noradrenaline in the brainstem. P. A. Sharov. *Farm. i toks.* 30 no. 5 536-539 S-O '67.
- Electromyographic characteristics of the phenomenon of increasing working capacity during the process of exercise under various intensities of proprioceptive stimulation. N. N. Khavkina, G. A. Kopeikin. *Nerv sist.* no. 8 123-127 '67.
- Form of the foot and footwear in schoolchildren. N. A. Tirkunova. *Ortop., Travm. i protez.* 29 no. 1 48-54 Ja '68.
- Function of atlanto-occipital articulation. O. D. Merisov. *Arkh. anat., gist. i embr.* 53 no. 11 28-31 N '67.
- Internal structure of long bones and its significance for human evolution morphology. E. N. Khisunova. *Arkh. anat., gist. i embr.* 53 no. 11 47-52 N '67.
- [Problems of neuromuscular physiology] *Voprosy nervno-myshechnoi fiziologii. [Kazan'] Izd. Kazanskogo un-ta, 1967. 123 p.*
- Some age-related characteristics of the structure of the compact substance of long tubular bones in man. V. I. Dobriak. *Arkh. anat., gist. i embr.* 53 no. 11 53-58 N '67.
- Some characteristics of the foot in children based on mass screening data. V. A. Iaralov-Iaralants, V. N. Kniazova, V. S. Shargorodskii. *Ortop., Travm. i protez.* 29 no. 1 73-76 Ja '68.
- Some characteristics of the skeleton in ballet dancers. L. I. Leibov, G. D. Rokhin. *Arkh. anat., gist. i embr.* 53 no. 11 42-47 N '67.
- Some electromyographic data concerning coordination of muscular effort under varying conditions. Report No. 1 Characteristics of changes in certain indicators of the coordination of muscular effort during simple repetition under conditions involving a choice. A. A. Naumova. *Nov. issl v ped. nauk* no. 8 165-170 '66.
- Some electromyographic data of fatigue in man during the process of exercise in muscle work. A. I. Shabanov. *Nerv sist.* no. 8 134-139 '67.
- Successful treatment of promethazine in a patient with acromegaly. S. E. Popov, V. S. Vasil'ev. *Probl. endok.* 13 no. 6 56-57 N-D '67.
- Topography of the functions of the separate groups of muscles as a special problem. A. V. Korobkov, G. I. Cherniayev. *Teor. i prak. fiz. kul't.* 30 no. 8 17-51 Ag '67.
- Using the sound models of movement for its intensification. B. I. Butenko, V. V. Belokoski. *Teor. i prak. fiz. kul't.* 30 no. 1 16-18 Ja '67.
- 612.8 NERVOUS SYSTEM. SENSE ORGANS**
- Activity of oxidative enzymes and some properties of mitochondrial membranes of the brain. G. P. Gulidova. *Zhur. evol. biokhim. i fiziol.* 3 no. 4 300-303 Ji-Ag '67.
- Age-related and conditioned reflex changes in the EEG in puppies with different types of higher nervous activity during early ontogeny. V. V. Syrot'skiy, I. A. Myronova. *Fiziol zhur. [Ukr.]* 14 no. 12-21 Ja-F '68.
- Are conditioned reflexes inheritable? L. V. Krushinskii. *Priroda* no. 1120-123 '68.
- Central effect of trimetazina. M. V. Komendantova, M. G. Panina. *Farm. i toks.* 30 no. 5 556-560 S-O '67.
- Changes in the electroretinogram in frogs during the process of adaptation to darkness. K. A. Bykov, B. A. Puntikov. *Nerv sist.* no. 8 167-171 '67.
- Characteristics of electric reactions of the motoneurons of the human sympathetic ganglion to centrifugal and centripetal stimulations. I. A. Bulygin, O. E. Sokolovskii. *Dokl. AN SSSR* 11 no. 12 1122-1125 D '67.
- Characteristics of man's sleep under conditions of continuous prolonged effect of wide-band noise of medium intensity. V. I. Khramkov and others. *Izv. AN SSSR. Ser. biol.* no. 1 68-98 Ja-F '68.
- Concepts of nervous in Soviet pathophysiology. G. N. Kravtsovskii, O. I. Ostrii. *Pat. fiziol. i eksp. terap.* 11 no. 5 24-32 S-O '67.
- Conditioned response activity of fishes in stream of different speed. V. A. Pegel, V. A. Remorov, N. F. G. Gribanova. *Nauch. dokl. vys. shkoly, biol. nauki* 10 no. 11 43-45 '67.
- Content and the metabolic intensity of succinic acid in the brain in separation of oxidizing phosphorylation. N. D. Eschenko. *Nerv sist.* no. 8 64-67 '67.
- Content and metabolism intensity of plasmalogen in the rat brain. S. V. Gasteva, V. I. Dvoikin. *Dokl. AN SSSR* 176 no. 5 1168-1187 O '67.
- Content of catecholamines in the brainstem in white rats and the sedative effect of some tranquilizers. N. B. Vysockaya, T. M. Shugina. *Farm. i toks.* 30 no. 5 553-558 S-O '67.
- Dependence of residual camouflage on the duration of the camouflaging sound in different intervals between the sounds. S. N. Gol'dblat, A. A. Salus. *Nerv sist.* no. 8 144-152 '67.
- Development of A. A. Ukhomskii's concepts of the nature of coordinating inhibitions in dominant. I. A. Vetiukov, I. U. Voronov. *Nerv sist.* no. 8 5-22 '67.
- Discrimination of sequence in the visual system in man. E. P. Shaitov. *Nerv sist.* no. 8 172-176 '67.
- Dynamic changes in the electrocardiogram during ether anesthesia. L. L. Stazhadze. *Eksp. khir. i anest.* 12 no. 4 80-84 Ji-Ag '67.
- Effect of aminazine on the synthesis and disintegration processes of carbohydrates in the brain. Z. N. Tupikova, Z. V. Novikova, A. M. Kovaleva. *Nerv sist.* no. 8 59-63 '67.
- Effect of mecamine and melatonin on the velocity of the blood flow and oxygen tension in some regions of the brain. V. P. Lanskii. *Farm. i toks.* 30 no. 5 574-578 S-O '67.
- Effect of nicotine on the elaboration rate of food motor conditioned reflexes in white rats. M. N. Lintchev, M. I. Mikhail'son. *Farm. i toks.* 30 no. 5 543-547 S-O '67.
- Effect of prolonged stimulation of the afferent nerve on the functional state of the central nervous system and work of muscles. I. A. Vetiukov. *Nerv sist.* no. 8 79-85 '67.
- Effect of prolonged stimulation of the somatic nerve on the excitability of vegetative centers. N. N. Poliakova. *Nerv sist.* no. 8 85-92 '67.
- Effect of sodium hydroxybutyrate on the processes of central inhibition. R. I. Kvasnol, N. A. Kruglov. *Farm. i toks.* 30 no. 5 539-543 S-O '67.
- Effect of atelazine on oxygen consumption and glycolytic activity of cerebral tissue. S. P. Filipov, S. V. Zakharov. *Zhur. nevro. i psikh.* 68 no. 1 103-106 '68.
- Effect of stimulation of the hypothalamus on the content of normal antibodies in the blood serum. A. B. Tsylin, V. N. Mal'tsev. *Pat. fiziol. i eksp.* 11 no. 5 83-84 S-O '67.
- Effect of sympathetic impulses on intrathyroid homomones under conditions of weakened thyrotropic functions of the hypophysis. B. V. Alekhin, S. I. Chuprina. *Probl. endok.* 13 no. 6 63-67 N-D '67.
- Effect of the antitubercular preparation diamibutol on the optic nerve and higher regions of the central nervous system. L. L. Razumova. *Probl. tub.* 45 no. 8 82-88 '67.
- Effect of the exophthalmic factor on the inclusion of labeled sulfate in the organs of guinea pigs. E. E. Litmanova. *Probl. endok.* 13 no. 6 67-70 N-D '67.
- Effect of tipindole on a serotonin-reactive structures of the D-type. I. N. Pidevich, M. S. Surovskina, I. B. Fedorova. *Farm. i toks.* 30 no. 5 588-590 S-O '67.
- Effect of trimetazina on the arrest reaction in the stimulation of intralaminar nuclei of the thalamus and of the nucleus caudatus. E. B. Arushanlian, N. I. Tsyren'nikov. *Farm. i toks.* 30 no. 5 548-553 S-O '67.
- Effect of γ -aminobutyric acid on cerebral circulation and oxygen tension in the brain. S. A. Mirzozan, V. P. Apolpan. *Farm. i toks.* 30 no. 5 572-574 S-O '67.
- Electromyographic characteristics of the phenomenon of increasing working capacity during the process of exercise under various intensities of proprioceptive stimulation. N. N. Khavkina, G. A. Kopeikin. *Nerv sist.* no. 8 123-127 '67.
- Electron microscopic analysis of synapses of the posterior mesencephalic sympathetic ganglion in cats. I. A. Bulygin, L. I. Archakova. *Dokl. AN SSSR* 11 no. 10 934-937 O '67.
- Evoked potentials of the optic cortex and corpus geniculatum laterale in dying from anemia and reanimation in animals. I. N. Ivanova, T. R. Kur'mina. *Nerv sist.* no. 8 93-96 '67.
- Hypothalamo-hypophysal regulation of the sexual cycle: a review. V. G. Baranov, M. V. Piropp, O. N. Savchenko. *Probl. endok.* 14 no. 1 117-124 Ja-F '68.
- Interaction of hearing and vision under conditions of rhythmic stimulation. V. M. Ukhin. *Nerv sist.* no. 8 101-106 '67.
- Localizing cortical section of the vestibular apparatus. A. A. Garibian. *Dokl. zhur. Arm.* 20 no. 12 44-46 D '67.
- Mechanism of the central effect of reserpine on the tonic and reflex activity of the sympathetic nervous system. I. U. Rozonov. *Farm. i toks.* 30 no. 5 539-535 S-O '67.
- Mechanism of the stimulation of the semicircular canals the rotation of man in two mutually perpendicular planes. F. A. Solodovnik, L. M. Vorob'ev, G. F. Khlebnikov, L. A. AN SSSR. *Ser. biol.* no. 1 78-89 Ja-F '68.
- Nature of changes in the second negative component of potentials of the spinal cord dorsal surface as affected by single and rhythmic conditioning stimulations. P. F. Motenyl and others. *Nauch. dokl. vys. shkoly, biol. nauki* 10 no. 11 37-42 '67.
- [Optic and auditory analyzers; morphological, physiological and clinical aspects. Materials of a symposium] *Zritel'nyi i slukhovoi analizatory, morfoloicheski, fiziologicheski i klinicheski aspekti. Materialy simpoziuma, Moskva, 1967. 81 p.*
- Parabolic nature of the refractory phase of a single nerve fiber in crayfish. P. I. Gultsev, N. I. A. Shlippenbach. *Nerv sist.* no. 8 177-178 '67.
- Participation of plastic and energetic substances in the support of the functional state of the brain. M. I. Prokhorova. *Nerv sist.* no. 8 31-46 '67.
- Pharmacological characteristics of choline-, adreno- and serotonin receptors of the venous plexus in animals of various species. D. V. Chaikova, P. A. Smirnov. *Farm. i toks.* 30 no. 5 584-588 S-O '67.
- Phosphatide peptides of the brain hemispheres in rats. A. A. Lipskaya. *Nerv sist.* no. 8 47-52 '67.
- Primary responses and β -rhythm of an electroencephalogram of the auditory cortex in cats. O. F. Denisenko. *Fiziol. zhur. [Ukr.]* 14 no. 1 22-29 Ja-F '68.
- Problem of emotions: neuromorphological premises. T. A. Leontovich. *Usp. sov. biol.* 65 no. 1 134-145 Ja-F '68.
- Problems of N. E. Vvedenskii and A. A. Ukhomskii's doctrine in evolution physiology. S. M. Vetsel'skii, N. V. Golikov, V. P. Tyshchenko. *Nerv sist.* no. 8 23-30 '67.
- [Problems of neuromuscular physiology] *Voprosy nervno-myshechnoi fiziologii. [Kazan'] Izd. Kazanskogo un-ta, 1967. 123 p.*
- Relationship between electric potentials of the peripheral region of the acoustic analyzer and the state of tissue sulphydryl groups. L. A. Nanukian. *Biol. zhur. Arm.* 20 no. 12 67-72 D '67.
- Role of motor analyzer in the electric activity of the cerebral cortex of monkeys following extensive receptor exclusion. E. Sh. Arapet'iants, V. I. Korolev. *Dokl. AN SSSR* 177 no. 5 1230-1239 D '67.
- Segmental composition of nerve fibers of the brachial plexus in cats. V. P. Strel'nikov. *Arkh. anat., gist. i embr.* 53 no. 11 96-99 N '67.
- Shabanov-Kushnarenko, I. U. P., V. L. Ryachov, and A. N. Murashko. [Mathematical models of vision] *Matematicheski modeli zoru. Kyiv, "Tekhnika," 1966. 94 p. (Ser. Rila broshur z kibernetiky)*
- Significance of thermal stimuli for afferent impulsion of the testicles. B. A. Vartapetov, A. I. Gladkova, N. S. Demidenko. *Probl. endok.* 13 no. 6 97-102 N-D '67.
- Some characteristics of the process of perception and processing of information in man. B. M. Tamarchenko. *Nerv sist.* no. 8 128-133 '67.
- State of excitability of adrenoactive structures of the central nervous system following the introduction of ACTH and hydrocortisone into the body. G. A. Gaidina. *Probl. endok.* 13 no. 6 71-77 N-D '67.
- Study of fatty acids of the brain. G. P. Sokolova, G. G. Kuznetsova, L. A. Zolotova. *Nerv sist.* no. 8 53-58 '67.
- The synthesis of some agents blocking adrenergic neurons derivatives of alkylidimethylhydrazine. I. B. Simon and others. *Khim., farm. zhur.* 1 no. 6 13-15 Je '67.
- System of γ -aminobutyric acid of the brain in vertebrates of different systemic groups. I. A. Sytinskii, E. L. Avenirova. *Nerv sist.* no. 8 73-78 '67.
- Triple-cation stimulus executed on semiconductors. N. P. Kozlov, I. U. P. Pavlov, V. L. Tazapov. *Nerv sist.* no. 8 180-183 '67.
- Vascular and nervous correlations in the peritoneum of the anterolateral abdominal wall in man. F. A. Abdurkhanov. *Trudy Dush. med. inst.* 88 no. 4 11-14 '67.

613 HEALTH AND HYGIENE

First-day objectives of sports hygiene. A. A. Minkh, T. N. Mikhayeva. Teor. i prakt. fiz. kult. 30 no. 1 29-32 Ja '67.

[Problems of general and social hygiene] Voprosy obshchego i sotsial'nogo gigiyeny. Pod red. I. U. P. Lisitsyna i G. I. Sidorenko. Moskva, 1967 183 p.

613.09)---Antarctica. South Polar regions

Ising sanitation measures during the Antarctic winter. N. R. Derjaga. Inform. biul. Sov. antark. eksp. no. 64 40-42 '67.

613.1 CLIMATIC FACTORS

Coronary atherosclerosis and living conditions; epidemiological studies in the Soviet Union. I. A. Rykin, Patologiya 7 no. 11 131-138 N '67.

[Medical geography] Ref. zhur. Med. geog. no. 9(36), Sept. 1967, nos. 1-2(36), Jan.-Feb. 1968. Predmetnyi i geograficheskii ukazatel' za 1966.

613.2 DIETETICS FEEDING FOODS

Change in free amino acid content in wild boar meat as related to its freshness. V. M. Belonova. Vop. pit. 26 no. 2 15-16 Mi-Ap '67.

Chemical composition of the pine nut kernel. V. A. Tikh. V. V. Izumova. Vop. pit. 26 no. 3 91 My-Je '67.

Death cap mushroom poisoning. I. A. Vitrenko. Vop. pit. 26 no. 3 92 My-Je '67.

Detoxification of hepatolichor residues in vegetable food products by paper chromatography method. E. S. Kosmanova. Vop. pit. 26 no. 3 21-27 My-Je '67.

Development of a model of experimental atherosclerosis in rabbits. L. I. Gubchenko and others. Vop. pit. 26 no. 2 64-66 Mi-Ap '67.

Methods for introducing food into digestive stomas. V. I. Zhuravskii, Med. tekhn. i no. 3 51-53 My-Je '67.

Effect of copper on the condition of the thyroid gland in rats, suffering from iodine deficiency fed basically on carbohydrates. F. B. Demko. Vop. pit. 26 no. 2 43-47 Mi-Ap '67.

Effect of sheep food on the gastric mucous membrane. G. V. Abdulshelishvili. Vop. pit. 26 no. 2 69-74 Mi-Ap '67.

Experimental atherosclerosis in rats caused by deficiency of essential fatty acids. S. G. Aptekur, I. I. Lents. Vop. pit. 26 no. 1 62-67 My-Je '67.

Hygienic evaluation of nutrition for people over 64. S. I. Kulikov. Vop. pit. 26 no. 3 64-67 My-Je '67.

Method of determining iodine in natural sodium chloride and in noniodized table salt. I. N. Lapin, N. V. Reiz. Vop. pit. 26 no. 2 20-22 Mi-Ap '67.

Permissible doses of substances presenting carcinogenic hazards. I. M. Neiman. Vop. pit. 26 no. 3 1-7 My-Je '67.

Preservation of the vitamin C in the first and second dishes of public eating establishments. S. I. Shishlakova. Vop. pit. 26 no. 3 91-92 My-Je '67.

Sanitary and hygienic characteristics of chicken meat as related to polychlorinated biphenyls. V. A. Klenov. Vop. pit. 26 no. 3 16-18 My-Je '67.

Study of organs regulating sodium metabolism in prolonged fasting, morphology and enzyme histology of salt hypersecretion. A. M. Vukhret and others. Kardiologiya 7 no. 11 107-111 N '67.

Survival of Coxsackie B1 and B5 viruses in the milk. T. A. Kalitina. Vop. pit. 26 no. 2 21-26 Mi-Ap '67.

Studying the application of a reducing diet consisting of products of proteins, in the case of obesity. D. M. Kurobov, A. A. Petrovskan. Vop. pit. 26 no. 2 62-64 Mi-Ap '67.

Vitamins in the children's diet. V. V. Vadrashko. Dozhik. vosp. 10 no. 8 66-71 '67.

613.2(474.5)---Lithuanian S. S. R.

Invitation for luncheon. D. Arkad'ev. Sov. profsojuzy 24 no. 1 42-43 Ja '68.

613.2(477.8)---Western Ukraine

Iron and zinc content in dietetic rations and food products of the Carpathian Mountain region. N. V. Soroka. Vop. pit. 26 no. 2 60-61 Mi-Ap '67.

613.4 BODY CARE AND CLEANLINESS

613.4(575.1)---Uzbek S. S. R.

The way it used to be. R. Akubov. Ekon. i zhizn' 9 no. 10-02-03 '67.

613.6 OCCUPATIONAL AND INDUSTRIAL HYGIENE

Combined effect of antioxidants of propylgallate and butylhydroxyanisole fats on animal organism. M. A. Domitrov. Trudy TSU 103 34-38 '67.

Evaluation of sanitation measures in the production of synthetic corundum. V. A. Barinov. Trudy TSU 103 7-10 '67.

Hygienic characteristics of work conditions in working with the type "DAS-Krebe" electrolyzer. K. S. Rukhova. Trudy TSU 103 '67.

Military hygiene in field conditions. M. Gubert. Tyl i snab. Sov. Vost. Sl. 26 no. 6 62-63 Je '66.

Problems of occupational hygiene in production of heat-resistant alloys. R. A. Nishchii. Trudy TSU 103 15-18 '67.

Static flatfoot. A. N. Zhil'tsov. Ortop., Travm. i protcz. 29 no. 1 61-68 Ja '68.

613.6(474.5)---Lithuanian S. S. R.

Invitation for luncheon. D. Arkad'ev. Sov. profsojuzy 24 no. 1 42-43 Ja '68.

613.7 EXERCISE RECREATION REST.

SLEEP

Evaluation of physical training by the high load functional probe. T. T. Dzhangarov and others. Voen.-med. zhur. no. 1 66-69 Ja '68.

Exercises for white-collar workers during the "physical training pause." I. V. Lovitskaya. Teor. i prakt. fiz. kult., 30 no. 1, 52-53 Ja '67.

Morphological changes in the myocardium and central nervous system during physical load and under conditions of previous training for it. Eksp. i klin. anest., 12 no. 4 35-37 11-Ag '67.

Physical exercises in the work schedule of the personnel of dispatching agencies. N. I. Koshina. Teor. i prakt. fiz. kult., 30 no. 1 67-70 Ag '67.

Some electrophysiological data of fatigue in man during the process of exercise in muscle work. A. I. Shabanov. Nerv. sist. no. 8 134-139 '67.

613.8 NERVOUS AND MENTAL HYGIENE, HEALTH AND ADDICTIONS, MORALS, BEHAVIOR

Methodology of studying the effect of ataractics on the emotion of fear in man. A. K. Sangailo, M. P. Vikhrieva. Farm. i toks. 30 no. 5 633-635 S-O '67.

613.9 HYGIENE IN RELATION TO RACE, AGE AND SEX

S. P. Botkin's ideas and the development of present-day gerontology. D. P. Chebotar'ev. Sov. med., 30 no. 1 142-148 Ja '68.

Studentnik, M. I. A. [Your youngster] Vash mal'ych Moskva, "Znanie," 1968 78 p. (Narodnyi universitet Fakul'tet zdorov'ia, no. 2)

614 PUBLIC HEALTH AND SAFETY

Comparative evaluation of methods of detecting Escherichia coli in checking the quality of disinfection. F. D. Stukhova. Lab. delo no. 12 743-745 My '67.

Dependence of dispensarization effectiveness data on the conditions of its execution. L. N. Pokrovskaya. Trudy TSU 103 66-68 '67.

Glorious fighting path. L. I. Elkin. Zhur. mikrobiol., epid. i immun. 44 no. 11 1-10 N '67.

Goldman's simplified device for examining water on helminth eggs. F. I. Buts, L. P. Savchenko. Lab. delo no. 12 761 My '67.

Leading military physician and pathologist. A. I. Ziatushkov, G. A. Manasov. Voen.-med. zhur. no. 12 18-20 D '67.

Leonov, I. T. G. N. Kaminskii. Moskva, "Meditsina," 1967 88 p. (Nauchno-popularnaya meditsinskaya literatura. Vydat'shechestva delateli otechestvennoi meditsiny i zhi avookhraneniia)

Role of the Russian Red Cross Society in the control of epidemics at the war fronts. L. A. Skorokhodov. Zhur. mikrobiol., epid. i immun. 44 no. 11 73-79 N '67.

Sanatorium in Sochi named after Jan Iabritskii. M. I. Beznosov, S. L. Kabanov, L. A. Kunichev. Voen.-med. zhur. no. 12 8-11 D '67.

614(574)---Kazakh S. S. R.

The most valuable possession. N. Sen'kov, A. Kuznetkina. Nar. Khoz. Kazakh. 25 no. 11 78-79 N '67.

614(575.1)---Uzbek S. S. R.

Good health to you, man! S. Khalifaev. Ekon. i zhizn' no. 11 31-33 '67.

614(721.1)---Cuba

Social public health in Cuba and its achievements in control of infectious diseases. A. I. Korot'ev. Zhur. mikrobiol., epid. i immun. 44 no. 11 93-99 N '67.

614(575.3)---Tajik S. S. R.

Some problems of the characteristics of population health in Dushanbe. M. Avazov. Trudy TSU 103 70-71 '67.

614.2 OFFICIAL AND PROFESSIONAL ORGANIZATION

Medical expertise of the capacity for work in various forms of migraine. M. L. Fedorova. Zhur. nerv. i psikh. 68 no. 1 71-76 '68.

614.3 FOOD, DRUGS, HEALTH AND SANITARY INSPECTION, SUPERVISION AND CONTROL

Data of examination of cattle for toxoplasmosis. S. A. Aubakirov. Trudy TSU 103 52-53 '67.

Determination of residual sevin quantities in food products by enzymatic microapid method. P. TS Nenov. Vop. pit. 26 no. 3 11-15 My-Je '67.

Frequency of finding enteropathogenic Escherichia coli in vinaigrette salad and salads made of raw vegetables. V. V. Kartae. Trudy Len. inst. epid. i mikrobiol. 32 172-174 '67.

614.3(471.311)---Moscow Province

Results of examination of swine in Moscow Province for toxoplasmosis. S. A. Aubakirov. Trudy TSU 103 54-55 '67.

614.3(471.62)---Krasnodar Territory

Staff training in Krasnodar Territory. E. V. Strikhanova, L. I. Ponomarev. Vop. pit. 26 no. 2 75-76 Mi-Ap '67.

614.3(477)---Ukrainian S. S. R.

Work of the Kiev Regional Sanitary Epidemiological Station on residual quantities of toxic chemicals in food products. B. M. Duchynskii, B. I. Gold'berg, N. Z. Kudimova. Vop. pit. 26 no. 3 90-91 My-Je '67.

614.7 AIR, SOIL AND WATER HYGIENE AND SANITATION. POLLUTIONS DRAINAGE

Air pollution in cities by carcinogenic substances discharged by car engines. M. A. Zaherzinski. Vop. onk. 14 no. 1 87-88 '68.

Behavior of radioactive aerosols in the air of workers' quarters. S. G. Malachov. Atom. energ. 24 no. 1 102-103 Ja '68.

Experimental data for hygienic substantiation of maximal permissible concentration of shale gasoline. B. A. Jakmacev. Trudy TSU 103 23-27 '67.

Methods of calculation and determination of doses of external irradiation from gamma-radiating fission products which fell out in the temperate latitudinal belt of the Northern Hemisphere during 1962-1965. G. A. Fedorov, I. E. Konstantinov, V. V. Pavlov. Vop. doz. i zashch. ot izluch. no. 7 87-89 '67.

Pollution of air, soil, building structures and plants at the "Terminet" Works. I. U. G. Semov. Trudy TSU 103 19-22 '67.

There is not enough air. Nov. v. i. m. 25(1. c. 26) no. 12 28 Mr '68.

Use of aerosol bactericidal balloons for decontamination of the air. T. V. Golosova and others. Probl. gemat. i purl. krevi 13 no. 1 58-59 Ja '68.

614.7(477)---Ukrainian S. S. R.

Kiev, a health center. I. Bronshteyn. Stro. i stkh. 15 no. 11 36-37 N '67.

614.8 ACCIDENTS PREVENTION, PROTECTION, SAFETY

Cooperation when passing. A. Kataev. Tekh. i vooruzh. 25 no. 8 64-66 Ag '68.

Decision No. 4 of the plenary session of the Supreme Court of the U. S. S. R. of May 30, 1967. Sov. iust. 31 no. 15: 27-28 Ag '67.

Elimination of faults in turbogenerators. N. M. Shchen'nikov, N. D. Zakharov. Energiya 15 no. 12 24-25 D '67.

The gas mask and its repair. N. Moiseev. Tekh. i vooruzh. 25 no. 8 57 Ag '68.

Let us give more attention to the protection of labor. V. Kulikov. Sots. zakon. no. 7 3-11 Ji '67.

Payment for carelessness. A. Sudakov. Prof.-tekhn. obr. 24 no. 7 18 Ji '67.

Present-day state of emergency medical service. E. N. Grigor'eva. Trudy TSU 103 91-97 '67.

Prevention and treatment of traumatic shock under conditions of emergency medical services. I. S. Skornikova. Vost. khir. 99 no. 7 101-106 Ji '67.

Use of some radiological methodologies in present-day radiation and hygiene practice. Z. G. Ivanov. Trudy TSU 103 28-33 '67.

614.8(471.310)---Moscow City

Fire-fighting squad. Gor. khoz. Mosk. 1967.

615.1 PHARMACY, PHARMACEUTICS, MATERIA MEDICA

Some indices of the effectiveness of treatment in itsenko (using drugs) I. G. Gushin, I. V. Prikhoda, G. A. Kuznetsov. Trudy TSU 104 14-15 1967.

615.3 ORGANIC MATERIA MEDICA

Antigenic and immunogenic properties of staphylococcal δ -toxin. E. V. Ruzhova. Zhur. mikrobiol., epid. i immun. 44 no. 12 11-18 D '67.

Antiserotonin and antihistamine properties of dialkylaminoalkyl derivatives of 2-methyl-5-hydroxyindole. Farm. i toks. 30 no. 5 601-608 S-O '67.

Bactericidal activity of the blood in persons vaccinated with various typhoid and paratyphoid vaccines. I. A. Levina. Zhur. mikrobiol., epid. i immun. 44 no. 12 17-23 D '67.

Bacteriological study of tuberculous lesions of resected lungs at various stages of their healing. R. M. Rozentfeld. Grud. khir. 10 no. 1 108-112 Ja-F '68.

Biochemical evaluation of the stability of cadaveric kidney, preservation of the kidney under conditions of hypothermia and hyperbaric oxygenation. I. U. Lopukhin, B. M. Chelkova. Urol. i nefr. 32 no. 1 19-24 Ja '67.

Biosynthesis of corticosteroids in the adrenal glands of human fetuses. Report No. 2. Transformation of pregnenolone and the effect of ACTH on the biosynthesis of hydrocortisone. T. S. Sakhatkaya. Probl. endok. 13 no. 6 81-85 N-D '67.

Blood glucoproteins in myxedema following prolonged replacement hormone therapy. V. P. Kharcho, M. A. Samokhvalova. Probl. endok. 14 no. 1 31-36 Ja-F '68.

Changes in the biological activity of the brain in intact and adrenalectomized rats following introduction of hydrocortisone and DCA and in stress reaction. N. M. Malysheva. Probl. endok. 14 no. 1 62-68 Ja-F '68.

Changes in the electrocardiogram following intravenous introduction of tuberculin in intact and vaccinated animals. I. I. Volegov. Probl. tub. 45 no. 6 68-70 '67.

Changes in the higher nervous activity and behavior of dogs following subcutaneous introduction of ACTH. N. A. Nikolov. Farm. i toks. 30 no. 5 528-530 S-O '67.

Chemistry of vitamin B₁₂ coenzyme. V. M. Berzovskii, T. V. Kremenko, Khim.-farm. zhur. 1 no. 7 8-21 Ji '67.

Clinicoepidemiological and immunological study of patients vaccinated or not vaccinated against brucellosis subjected to the hazard of infection. P. A. Vershina and others. Zhur. mikrobiol., epid. i immun. 45 no. 1 35-40 Ja '68.

Course of anaphylactic shock in dogs reactivated with transfusion of homogeneous blood and blood substitutes. D. A. Tikhonov. Eksp. khir. i anat. 12 no. 4 52-57 Ji-Ag '67.

Deep cooling as a method of preservation and prolonged storage of bone marrow. N. S. Pushkar' and others. Khim. khir. 10 no. 12 52-56 D '67.

Dependence of the action of catechol amines on the pH medium. I. I. Abramets, I. V. Komissarov. Farm. i toks. 30 no. 5 580-584 S-O '67.

Determination of the content in tissue culture of diphtheria antitoxin in the sera of vaccinated children. M. I. Vasenovich and others. Zhur. mikrobiol., epid. i immun. 44 no. 12 53-55 D '67.

Determination of the sensitivity of vibrio cholerae to antibiotics by methods of serial dilutions in agar plates and agar microchambers. N. I. Givental', Z. I. Tsinol'eva. Zhur. mikrobiol., epid. i immun. 44 no. 12 27-31 D '67.

Development of antitubercular vaccination in the Soviet Union. A. I. Tuginova. Zhur. mikrobiol., epid. i immun. 44 no. 12 3-7 D '67.

Diagnostic significance of the passive hemagglutination reaction in typhoid and paratyphoid diseases in children. G. V. Shorokhova. Zhur. mikrobiol., epid. i immun. 44 no. 12 23-27 D '67.

Dynamics of cytotoxic changes in lymph nodes under the effect of Freund's stimulant. N. I. Belitskikh. Zhur. mikrobiol., epid. i immun. 45 no. 1 114-116 Ja '68.

Effect of antibiotic combinations and combinations of antibiotics with vitamins on pathogenic Staphylococci. E. A. Ved'mina, T. A. Vasina, L. A. Gamalica. Antibiotiki 13 no. 1 50-56 Ja '68.

Effect of catechol amines and serotonin on gastric secretion. L. L. Grechikhin. Farm. i toks. 30 no. 5 612-615 S-O '67.

Effect of estrogens on the biosynthesis of nucleic acids in the liver of rats. R. S. Tishonina. Probl. endok. 13 no. 6 89-93 N-D '67.

Effect of hydrocortisone and noradrenalin on lipidemia and albuminemia in experimental nephrotic syndrome. S. M. Leites, N. V. Nikiforova. Pat. fiziol. i eksp. terap. 11 no. 5 60-61 S-O '67.

Effect of isohemotransfusion on protein metabolism and transaminase activity in rat tissues. R. M. Ilanits, E. V. Skovions'ka. Dop. AN URSR, Ser. B 30 no. 1 79-82 Ja '68.

Effect of mexamine and melatonin on the velocity of the blood flow and oxygen tension in some regions of the brain. V. P. Lanskii. Farm. i toks. 30 no. 5 574-578 S-O '67.

Effect of sex hormones on the binding capacity of plasma transcortin in guinea pigs. A. V. Antonchev. Probl. endok. 14 no. 1 53-57 Ja-F '68.

Effect of sodium and cortisone on the immunological reactivity and on the function of the blood coagulation system. Kh. I. Seifulla, I. L. Kovalev, R. D. Seifulla. Farm. i toks. 30 no. 5 609-612 S-O '67.

Effect of the introduction of hydrocortisone on the content of catechol amines in the brain of rats under stress. V. G. Shalupina. Probl. endok. 13 no. 6 102-105 N-D '67.

Effectiveness of a previous immunity to one of the antigens of associated vaccine against plague, tularemia and brucellosis on immunizing properties of its other components. Report No. 4. V. G. Filipenko. Zhur. mikrobiol., epid. i immun. 45 no. 1 50-54 Ja '68.

Effectiveness of combined use of therapeutic vaccine and specific bacteriophage in experimental brucellosis. M. Z. Popkhadze, T. G. Abashidze, L. N. Karachashvili. Zhur. mikrobiol., epid. i immun. 45 no. 1 93-96 Ja '68.

Effectiveness of Vi-hemagglutination with cytochrome Vi-diagnosticum as of an auxiliary, serological method in the diagnosis of bacterial carrier state in typhoid fever. F. I. Lutschimg, I. V. Rozentalene. Zhur. mikrobiol., epid. i immun. 44 no. 12 40-43 D '67.

Electroencephalographic changes during artificial blood circulation under conditions of hemodialysis. F. V. Biliurek, V. P. Stasunova, A. M. Konnikov, Grud. khir. 10 no. 1 30-34 Ja-F '68.

Excessive transfusion of heterogeneous blood. V. P. Spivak. Khim. khir. 10 no. 11 55-57 N '67.

Evaluation of Dines' phenomenon as a test for serological identification of Proteus strains based on H-antigens. A. P. Klupina, L. M. Strukova. Trudy Len. inst. epid. i mikrobiol. 32 74-79 '67.

Experimental study of the specificity of antimicrobial immunity to pathogenic Staphylococci. A. K. Akatov, Zhur. mikrobiol., epid. i immun. 45 no. 1 44-49 Ja '68.

Glucagon. I. U. Kufarev. Probl. endok. 14 no. 1 111-117 Ja-F '68.

Hemolytic properties of splenic extracts in dogs following hemorrhage. N. A. Gorbunova. Pat. fiziol. i eksp. 11 no. 5 78-80 S-O '67.

Human reaction to the vaccine of stomatitis aphosa. R. I. Rudikova. Zhur. mikrobiol., epid. i immun. 45 no. 1 66-67 Ja '68.

Immunochemical study of serologically active substances isolated from type A and B Clostridium botulinum. L. G. Ivanov, T. I. Bulatova, K. I. Matveev. Zhur. mikrobiol., epid. i immun. 45 no. 1 10-18 Ja '68.

Indirect hemagglutination inhibition test as a method for titration of immune sera. Report No. 2. Titration of sera against virus of tick-borne encephalitis. F. S. Nozko and others. Zhur. mikrobiol., epid. i immun. 45 no. 1 40-44 Ja '68.

Infectious allergy. Report No. 5. Manifestation of infectious allergy to bacterial exotoxins in their joint administration. A. T. Kraschenko, L. I. Pavlova, Zhur. mikrobiol., epid. i immun. 45 no. 1 6-10 Ja '68.

Isoflavin-inactivating capacity of the liver in rats in some forms of experimental hepatic pathology. I. A. Tashchevskaya. Probl. endok. 14 no. 1 101-104 Ja-F '68.

Mechanism of the action of thyroid hormone on coagulative capacity of the blood. V. F. Kircuk. Probl. endok. 14 no. 1 96-101 Ja-F '68.

A method of obtaining vincamine hydrochloride. F. T. Shchirov, Kh. N. Arifov, Khim.-farm. zhur. 1 no. 7 56-57 Ji '67.

Methodology of isolation of pure antitissue antigens from cytotoxic and autoimmune sera. V. I. Sushkov, L. A. Burova, L. S. Kositskaya. Lab. delo no. 1 23-27 '68.

Methodology of studying bactericidal activity of antimicrobial tissues. B. L. Shura-Bura, A. M. Zolochetski, Zhur. mikrobiol., epid. i immun. 45 no. 1 135-139 Ja '68.

Needles (jet) method of introducing biopreparations into the body. A. A. Vorobeyev, I. L. Nekrasov, I. F. Bandakov. Zhur. mikrobiol., epid. i immun. 44 no. 11 81-87 N '67.

Organizing and conducting preventive vaccinations of children in a rural locality. Report No. 1. R. N. Urzaeva and others. Zhur. mikrobiol., epid. i immun. 45 no. 1 90-93 Ja '68.

Passive transmission of delayed hypersensitivity to tuberculin and its significance in allergy and immunity in tuberculosis. T. B. Il'blokova and others. Zhur. mikrobiol., epid. i immun. 45 no. 1 27-34 Ja '68.

Peritoneal dialysis in uremia resulting from transfusion of rheus-incompatible blood. D. P. Andreev. Probl. gemat. i perel. krovi 13 no. 1 46-49 Ja '68.

Preparation of lupinur by a device for polybuffer distribution. I. I. Bruiko, L. M. Utkin. Khim.-farm. zhur. 1 no. 7 51-52 Ji '67.

Present-day state of experimental studies on specific prevention of coccidioidomycosis. A review. S. L. Borod'ko. Zhur. mikrobiol., epid. i immun. 45 no. 1 98-100 Ja '68.

Present state of the problem of specific vaccination against diphtheria, a review of the literature. V. D. Gekko. Zhur. mikrobiol., epid. i immun. 44 no. 12 56-60 D '67.

Problems of cardiology: fibrinolysis and fibrinolytic therapy, coronary insufficiency, rheumatism. Voprosy kardiologii, fibrinoliz i fibrinoliticheskaya terapiya, koronarnaya nedostatochnost', revmatizm. Pod obshchei red. A. I. Gofera. [Gor'kii] Volgo-Vialskoe kn. izd. 1966. 334 p (DNLM)

Pulmonary resection with the use of plasma-substituting solutions in patients with tuberculosis of the lungs. N. S. Pilipchuk, V. I. Gorgol'. Grud. khir. 10 no. 1 112-116 Ja-F '68.

Quantitative determination of O- and Vi-antigens in capsular typhoid vaccines by means of the hemagglutination inhibition test. T. N. Alekseyeva. Zhur. mikrobiol., epid. i immun. 45 no. 1 60-68 Ja '68.

Regeneration of hemopoiesis in donors of bone marrow. I. E. Arutyunyan, I. I. Chernysheva. Probl. gemat. i perel. krovi 13 no. 1 12-15 Ja '68.

Role of the somatotrophic hormone in the inhibition of growth in children with diabetes mellitus complicated with Murrach's syndrome. Z. I. I. Chernysheva, G. S. Zhitova. Trudy TSU 104 184-188 '67.

Separate obtaining of blood components and their preservation. P. R. Aronova, G. N. Kalugina, M. A. Alimova. Probl. gemat. i perel. krovi 13 no. 1 56-57 Ja '68.

Sequence of the formation of antibodies to the complex of conjugated antigen in the immunization of guinea pigs with the complex antivenous acid-horse γ -globulin. D. D. Stetsko, N. A. Stefanov. Zhur. mikrobiol., epid. i immun. 44 no. 12 112-113 D '67.

Serological typing of strains of the genus Proteus of various etiology. Z. A. Ignatyuk and others. Trudy Len. inst. epid. i mikrobiol. 32 67-71 '67.

Significance of the precipitation in gel reaction in the diagnosis of atypical and sublethal forms of typhoid disease. I. G. Shilenok, R. V. Belova, R. M. Bychkova. Zhur. mikrobiol., epid. i immun. 44 no. 1 36-40 D '67.

State of excitability of adrenoreactive structures of the central nervous system following the introduction of ACTH and hydrocortisone into the body. G. A. Gaidina. Probl. endok. 13 no. 6 71-77 N-D '67.

Studies on the sensitivity to histoplasman and coccidioidin in the central part of Russia. E. A. Ganshina and others. Vest. dermat. ven. 41 no. 8 29-31 Ag '67.

Study of botulinum toxins and antitoxins by means of gel filtration. Report No. 3. Division of native B and C types of botulinum toxins by filtration through G-200 sephadex gel. V. B. I. Iman and others. Zhur. mikrobiol., epid. i immun. 44 no. 11 139-142 N '67.

Study of optimal conditions of clarifying and sterilizing filtration of stable pasteurized solution of plasma proteins. V. M. Rusanov. Probl. gemat. i perel. krovi 13 no. 1 51-53 Ja '68.

Study of 7S- and 19S-antibodies in diagnostic sera. I. B. Bogoyavlenskaya. Zhur. mikrobiol., epid. i immun. 44 no. 11 112-117 N '67.

Study of steroid estrogens by means of thin layer chromatography on silica gel in the form of products of their couplings. A. I. Ruzikov, M. V. Pavlova, L. M. Bershteyn. Probl. endok. 13 no. 6 105-108 N-D '67.

Study of the antigenic structure of typhoid component of typhoid and paratyphoid B vaccines titled in the epidemiological test No. 5 (1962). T. G. Bentsianskaya. Zhur. mikrobiol., epid. i immun. 44 no. 12 43-47 D '67.

Study of the immunological properties of the soluble antigen of Rickettsia prowazekii. Report No. 5. Comparative evaluation of the immunogenicity of the soluble antigen of C and Brunt strains. G. P. Lukin, A. V. Vorobeyev. Zhur. mikrobiol., epid. i immun. 44 no. 12 8-13 D '67.

Synthetic and antagonism of adrenalin and noradrenalin in the effect of acetylcholine on the heart. A. N. Rudin, N. I. Andreeva. Farm. i toks. 30 no. 5 590-591 S-O '67.

Transfusing blood long distances. S. V. Ruzhikov, A. V. Sukhov, B. Z. Kaplan. Voen.-med. zhur. 10 no. 12 24-27 D '67.

Use of a stable erythrocyte diagnosticum for the determination of antibody level to tetanus antitoxin. N. N. Bisoova and others. Zhur. mikrobiol., epid. i immun. 45 no. 1 51-59 Ja '68.

Use of aerosol bactericidal balloons for decontamination of the air. I. V. Tolosova and others. A. Probl. gemat. i perel. krovi 13 no. 1 58-59 Ja '68.

Use of corticosteroids in the compound treatment of some forms of tuberculosis in infants. S. V. Rachinskaya. Probl. tub. 45 no. 8 17-22 '67.

Use of fibrinolytic and heparin in the treatment of acute thrombophlebitis, thromboembolism and embolism. V. M. Panchenko. Khirurgia 43 no. 11 54-55 N '67.

Use of immunosorbent for direct and indirect determination of antibodies to antigens of Ag-group Streptococcus O. I. Vvedenskaya, T. A. Danilova. Zhur. mikrobiol., epid. i immun. 44 no. 12 47-53 D '67.

Use of lydic in compound treatment of diabetes mellitus. E. A. Vasiukova, I. D. Sachkova. Trudy TSU 104 177-183 '67.

Use of proteolytic enzymes in suppurative diseases of the pleura and lungs. V. S. Pomolov, G. I. Guzunov. Sov. med. 30 no. 1 69-74 Ja '68.

Use of radioactive iodine and thyroid hormones for the treatment of far-progressed stages of thyroid cancer. F. F. Lun'kova. Probl. endok. 13 no. 6 109-114 N-D '67.

Use of ribonuclease in compound treatment of bronchial diseases. L. G. Letzerovskaya, S. I. Ovecharko. Sov. med. 30 no. 1 36-41 Ja '68.

Using animal livers in hepatic insufficiency in a patient with hemorrhage from esophageal veins. B. A. Petrov and others. Khirurgia 43 no. 84-86 D '67.

615.4 PRACTICAL PHARMACY, MEDICINES, INSTRUMENTS

An automatic device for dispensing liquid drugs. E. V. Fomin, M. A. Barmash, Khim.-farm. zhur. 1 no. 7 57-58 Ji '67.

Analysis of the work of evaporation dryers (ISA-ITE-6) during the drying of streptomycin solutions. A. A. Dolinskii, L. M. Masluginov, E. S. Bylinkina. Khim.-farm. zhur. 1 no. 7 36-38 Ji '67.

- Cases of some complications in metal osteosynthesis. M. I. Abramov, E. I. Gurevich. Vest. khir. 99 no. 7 126-127 Ja '67.
- Characteristics of the PAS-25m apparatus for suturing the esophagus with the intestine or stomach. T. V. Kalinina, V. S. Kasulin. Klin. khir. no. 5 86-87 My '67.
- Clinical and roentgenological substantiation for the use of the KTS-28 apparatus. M. I. Vyrzhikovskaya, Kh. F. Gurevich. Med. tekhn. 1 no. 3 10-51 My-Je '67.
- Comparative assessment of photoelectric and visual methods of testing solutions filled in ampoules for the content of solid inclusions. A. I. Novikov. Khim.-farm. zhur. 1 no. 7 48-50 Ji '67.
- Crystall with controlled cooling of the microtome knife. G. Danov, Arkh. anat., gist. i embr. 53 no. 11-100-101 N '67.
- Determination of the economic effectiveness of medical technology. V. G. Pankovskaya. Med. tekhn. 1 no. 3 42-43 My-Je '67.
- Device for introducing food into digestive stomas. V. I. Janovskii. Med. tekhn. 1 no. 3 51-53 My-Je '67.
- Device for the removal of intestinal contents. V. P. Kipitan. Klin. khir. no. 5 85-86 My '67.
- Electrode kettle for obtaining hot water and steam. I. I. P. rokov. Lab. dolo no. 12:751-752 My '67.
- Electrocardiographic method of diagnosis. N. R. Fict. and others. Med. tekhn. 1 no. 3 53-55 My-Je '67.
- High-frequency electrostimulator on "MIR-1" semiconductors. V. S. Andreev, K. S. Tarasova, V. A. Torubnov. Med. tekhn. 1 no. 3 15-16 My-Je '67.
- Highly sensitive converters, the silicon transistors. "Nittor". A. I. Gorodetskii, V. S. Shadlin, A. D. P. ruzan. Med. tekhn. 1 no. 7 33-35 My-Je '67.
- In the interests of the Soviet people. Med. tekhn. 1 no. 3 3-5 My-Je '67.
- Initial output of new apparatus: ophthalmological devices. Med. tekhn. 1 no. 3 25-21 My-Je '67.
- Infrared device for lymphangiography. A. A. Stengachvili. Med. tekhn. 1 no. 1 46-48 My-Je '67.
- Instrument for inserting tendons through an osseous canal. I. I. Levin. Vest. khir. 99 no. 7 11-11 Ji '67.
- ISI-3 artificial heart-lung apparatus. A. M. Gorbachevskii. Med. tekhn. 1 no. 3 11-14 My-Je '67.
- A machine for loading cassettes with flasks. E. P. Ermakova, V. I. Rumyantsev, N. G. Kul'kov. Khim.-farm. zhur. 1 no. 7 39-41 Ji '67.
- Intensification in the development of medical technology. S. I. Balikin and others. Med. tekhn. 1 no. 3 6-11 My-Je '67.
- Marking of glass ampoules, test tubes and other cylindrical objects with quick-drying paints by the deep print method. A. I. A. Donner and others. Khim.-farm. zhur. 1 no. 7 59-61 Ji '67.
- Meeting of progressive workers of the medical industry. N. S. Babayev. Med. tekhn. 1 no. 3 63 My-Je '67.
- Merits piperita flavonoida. N. V. Gella, G. V. Makarova, I. U. G. Borushtuk. Farmatsev. zhur. 22 no. 4 80-85 '67.
- Method of recording the mechanism of muscle contractions in man. M. I. L. ianetski, I. P. Guseva. Ortop., Travm. i protez. 20 no. 1:76-78 Ja '68.
- Miradze, A. G. [Essay on the development of the chemical-pharmaceutical industry in the U.S.S.R.] Ocherk razvitiia khimiko-farmatsevticheskoi promyshlennosti SSSR Moskva, "Meditsina," 1967. 227 p.
- Needles (jet) method of introducing biopreparations into the body. A. A. Vorob'eva, I. I. Nekrasov, I. F. P. ruzanov. Zhur. mikrobiol., epid. i immun. 14 no. 1 82-87 N '67.
- Possibility of using ultrasound for the purpose of obtaining fat emulsion for intravenous introduction. Khim.-farm. zhur. 1 no. 7 55-56 Ji '67.
- Preparation and treatment of stainless steels for surgical cutting instruments. E. I. A. Ruzina, I. U. A. Geller. Med. tekhn. 1 no. 3 15-40 My-Je '67.
- Quantitative evaluation of tissular blood flow recorded by the thermoelectric method. O. I. Vyshatina and others. Fiziol. zhur. [Ukr.] 14 no. 1 126-130 Ja-F '68.
- Use of instruments for recanalization of the esophagus and the methodology of its use. T. T. Durova and others. Med. tekhn. 1 no. 3 56-58 My-Je '67.
- State and the aspects of the development of technical service of medical equipment in the U.S.S.R. I. U. S. P. ulinskii. Med. tekhn. 1 no. 3 43-48 My-Je '67.
- Supporting semizing to a corset for sitting in total muscle paralysis. O. V. Nedrigailova. Ortop., Travm. i protez. 22 no. 1 31-33 Ja '68.
- Triple-cation stimulus executed on semiconductors. N. P. Korlov, I. U. P. avlov, V. L. Taraponov. Neiv. sist. no. 8 180-183 '67.
- Unified series of membrane microcompressor. L. S. Samokh. Med. tekhn. 1 no. 3 27-32 My-Je '67.
- Using a new gastrostomical tube for patients with gastroenteric insufficiency. N. D. Lapin. Klin. khir. 1 no. 7 6-7 Ji '67.
- 615.4(474.2)—Estonian S. S. R.
- Work practice at the Tallinn Pharmaceutical Plant. V. I. Zeifman. Khim.-farm. zhur. 1 no. 7 61-62 Ji '67.
- 615.5 PHARMACODYNAMICS. PHARMACOLOGY
- Determination of chloroform in the blood by reaction gas chromatography. O. I. Gershunov, N. A. Naidonitskaya. Iksper. khir. i anest. 12 no. 4 86-90 Ji-Ag '67.
- Increasing resistance of the organism to overload by means of pharmacological substances. L. V. Pastushenkov. Voenn.-med. zhur. no. 12 55-56 D '67.
- 615.7 DRUGS ACCORDING TO ACTION CHEMOTHERAPY
- Accelerated regimen of chamber disinfection in dermatomycoses. V. E. P. iave T. N. O. f'khovskaya. Vest. derm. i ven. 11 no. 8 59-61 Ag '67.
- Analysis of the work of evaporation dryers (ISA-ITE-6) during the drying of streptomycin solutions. A. A. Dolinskii, L. M. Mashugov, E. S. Bylinkina. Khim.-farm. zhur. 1 no. 7 36-38 Ji '67.
- Anticorrosion protection of cementation apparatus. R. D. Soffer and others. Khim.-farm. zhur. 1 no. 6 50-51 Je '67.
- Antiserotonin and antihistamine properties of dialkyl-aminomethyl derivatives of 2-methyl-5-hydroxyindole. S. V. Latypova, M. D. Maslovskii. Farm. i toks. 30 no. 8 604-608 S-O '67.
- Bacteriostatic activity of preparations of the second series and criteria of their stability. S. V. Mritshin, I. U. P. Afanas'eva. Probl. tub. 45 no. 8 70-75 '67.
- Biochemical bases on the mechanism of the action of polyene antifungal antibiotics. A. N. Klimov, V. N. Litvinova. Antibiotiki 13 no. 1 88-94 Ja '68.
- Biological action and effect of methyl ester of glycyrrhetic acid on the antitoxic function of the liver. E. Kh. Iyanenko and others. Farmatsev. zhur. 22 no. 4 91-94 '67.
- Case of eosinophilic pulmonary infiltrate of occupational etiology. L. P. Tsykunov, L. N. Shlychkova. Sov. med. 30 no. 1 132-133 Ja '68.
- Case of primary myxedema accompanied by autoimmune disorders and successfully treated with thyroind combined with prednisolone. K. A. Sidorov, G. P. Gutina. Probl. endok. 14 no. 1 51-52 Ja-F '68.
- Central component in the mechanism of antiradiation effect of mactanin and β -mercaptoethylamine. R. B. Strelov, L. A. Parasachko. Farm. i toks. 30 no. 5 615-616 S-O '67.
- Central effect of trimetazina. M. V. Komendantova. M. G. P. amin. Farm. i toks. 30 no. 5 556-560 S-O '67.
- Changes in nucleic acid content in tissues and nuclei of the liver of white rats as affected by chlorophosph. G. P. Toporova, E. V. Lgorova. Vop. pit. 26 no. 2 16-21 Mr-Ap '67.
- Changes in the content of pyrocathechine amines of the brain in rats following chronic introduction of aminazine. A. A. Shatalova, E. L. Shechekunov. Zhur. nevro. i psikh. 68 no. 1 106-111 '68.
- Changes in the enzyme secretory function of the intestines under the influence of toxic and permissible amounts of chlorophosph introduced with food. I. N. Georgiev. Vop. pit. 26 no. 3 27-31 My-Je '67.
- Characteristics of monomyelin distribution in the organism of artificially infected poultry with pasteurellosis. Z. M. Akopian. Biol. zhur. Arm. 20 no. 12 58-56 D '67.
- Characteristics of reanimation in burn shock. R. L. Ginzburg, P. P. Voitskovskii. Ortop., Travm. i protez. 28 no. 12 8-13 D '67.
- Chemotherapeutic activity of quinoxaline and quinoxaline N-oxides in acute bacterial infections. E. N. Padel'skaya and others. Farm. i toks. 30 no. 5 617-628 S-O '67.
- Chemotherapy in plastic and reconstructive operations on the bronchi during the treatment of pulmonary cancer. A. Kh. Frankenberg, V. I. Shevelev. Khirurgia 43 no. 11 99-101 N '67.
- Chick leukocyte interferon. V. D. Solov'ev and others. Trudy Inst. polim. i virus. entsef. AMN SSSR 10 109-114 '67.
- Clinical and morphological characteristics of the liver in experimental dysentery treated with chlorotetracycline combined with ACTH and cortisone. G. S. Mironov, I. V. Pitenin. Antibiotiki 13 no. 1 40-43 Ja '68.
- Clinical aspects and diagnosis of tuberculous mesadenitis in children under antibacterial therapy. G. M. Slutskaya, T. I. Kameneva. Probl. tub. 45 no. 8 27-30 '67.
- Clinical aspects and treatment of pathological states originating after the administration of incompatible antidepressants. T. I. A. Zellman, M. L. Shekhtman. Zhur. nevro. i psikh. 68 no. 1 95-97 '68.
- Colicinogeny and sensitivity of bacteria of the Enterobacteriaceae family to standard Frederix collins. E. T. Tallmeister, M. N. Voronina, E. A. Ailik. Zhur. mikrobiol., epid. i immun. 44 no. 12 134 D '67.
- Combined use of Adonis vernalis with cardiac glycosides and atropine in the treatment of blood circulation insufficiency. A. I. Gubeigrits, L. A. Leshchinskii. Sov. med. 30 no. 1 28-27 Ja '68.
- Comparative characteristics of the effect of adrenergic substance on the vessels of pulmonary circulation. I. V. Golubova. Farm. i toks. 30 no. 5 578-580 S-O '67.
- Comparative effect of apofidin and atropine on the toxicity of some organophosphorus compounds. K. A. Zaitseva. Farm. i toks. 30 no. 5 597-599 S-O '67.
- Comparative study of some characteristics of pharmacological dynamics and antimonoglycine oxidase activity of α -methyl- γ -butyrolactam and β -methyl- γ -butyrolactam. V. Z. Gorkin and others. Farm. i toks. 30 no. 5 593-597 S-O '67.
- Comparative toxic effect of acrin and DDT used in the treatment of food crops. M. N. Rybakova. Vop. pit. 26 no. 2 9-15 Mr-Ap '67.
- Complications in paraneuritic block. M. I. Petushinski. V. I. Kisilev, N. S. Mazchenko. Khirurgia 43 no. 12 88-90 D '67.
- Conditions for the formation and action of interferon in tissue culture. A. A. Smolodtsov, B. M. Korotkin, D. I. Gorbukhov. Trudy Inst. polim. i virus. entsef. AMN SSSR 10 145-157 '67.
- Conditions of benzylpenicillin synthesis by cells of Escherichia coli. M. M. Levitov, N. S. Bondarova, K. I. Klapovskaya. Antibiotiki 13 no. 1 7-11 Ja '68.
- Content of catecholamines in the brainstem in white rats and the sedative effect of some tranquilizers. N. E. Vysotskaya, T. M. Shugina. Farm. i toks. 30 no. 5 553-556 S-O '67.
- Content of lipoproteins and blood protein fractions in myocardium following intrathoracic therapy. V. R. Khachko, M. Sh. Saigalova. Trudy ISU 104 124-132 '67.
- Conversion of eysalmin into cimarine. I. I. Makarovich. Khim.-farm. zhur. 1 no. 6 29-30 Je '67.
- Curarelike properties of mono-quaternary ammonium derivatives of cinnamic acid. D. A. Kharkevich and others. Farm. i toks. 30 no. 5 562-567 S-O '67.
- Deactivating significance of nuclei, mitochondria and kanamycin-containing medium in the study of its interaction with components of cells and intracellular distribution. G. I. Kuzman, N. M. Smol'manova. Antibiotiki 13 no. 1 21-24 Ja '68.
- Determination of heptachlor residues in vegetable food products by paper chromatography method. E. S. Kosmaty. Vop. pit. 26 no. 1 24-27 My-Je '67.
- Determination of the sensitivity of vibrio cholerae to antibiotics by methods of serial dilutions in agar plates and agar microchambers. N. I. Givental', V. I. Eimol'eva. Zhur. mikrobiol., epid. i immun. 41 no. 12 27-31 D '67.
- Development of chemotherapy in the Soviet Union. G. N. Pershyn. Farm. i toks. 30 no. 5 515-520 S-O '67.
- Differentiation of the direct and reflex effects of adrenaline and noradrenaline on vessels of the extremities. O. P. Stoian. Fiziol. zhur. [Ukr.] 14 no. 1 51-56 Ja-F '68.
- Dimu carbene, a new preparation for the treatment of a hypertonic disease. A. N. Grinev, T. I. U. I. Iushchenko, K. S. Shadrinskii. Khim.-farm. zhur. 1 no. 6 60-68 Je '67.
- Distribution of penicillin in rabbit organs following the introduction of the preparation of prolonged effect. O. K. Loseva. Antibiotiki 13 no. 1 66-68 Ja '68.
- Division of antibiotic A-126 (necotomycin) into components. A. B. Silaev and others. Antibiotiki 13 no. 1 13-16 Ja '68.
- Effect of aldosterone on sodium and potassium metabolism in toad gill. V. I. L. ianetski. Trudy TSU 104 102-111 '67.
- Effect of aminazine on the blood flow in the myocardium. A. V. Rukov'ska. Fiziol. zhur. [Ukr.] 14 no. 1 44-50 Ja-F '68.
- Effect of aminazine on the synthesis and disintegration processes of carbohydrates in the brain. Z. N. Tupikova, Z. V. Novikova, A. M. Korvatskaya. Neiv. sist. no. 8 59-63 '67.
- Effect of antibiotic combinations and combinations of antibiotics with vitamins on pathogenic Staphylococci. E. A. Ved'mina, T. A. Vasina, L. A. Gamalela. Antibiotiki 13 no. 1 50-55 Ja '68.
- Effect of brunsomycin on the peripheral blood in rabbits. T. P. Vertogradova. Antibiotiki 13 no. 1 78-83 Ja '68.
- Effect of mexamine and melatonin on the velocity of the blood flow and oxygen tension in some regions of the brain. V. P. Lanskii. Farm. i toks. 30 no. 5 574-578 S-O '67.
- Effect of monomyelin on the functional state of kidneys in dogs. L. E. Gol'dberg. Antibiotiki 13 no. 1 57-65 Ja '68.
- Effect of nicotine on the elaboration rate of food motor conditioned reflexes in white rats. M. N. Lindachev, M. I. Mikhail'son. Farm. i toks. 30 no. 5 543-547 S-O '67.
- Effect of prophylactically administered penicillin on the sensitivity of white mice to X-ray irradiation. I. U. S. Malota. Antibiotiki 13 no. 1 69-72 Ja '68.
- Effect of reactivators of cholinesterase TMB-4 and 2-PAM on the effectiveness of muscle relaxants. A. F. Danilov, V. V. Lavrent'eva. Farm. i toks. 30 no. 5 567-572 S-O '67.
- Effect of sarcosyls on the utilization of H³-thymidine by cells of transplantable tumors in vitro. V. V. Kas'ianenko. Vop. onk. 14 no. 1 51-55 '68.
- Effect of 6-mercaptopurine on the fibrolytic activity of the blood. I. E. Kovalev, L. G. Kovaleva. Probl. gemat. i perel. krovi 13 no. 1 22-23 Ja '68.
- Effect of sodium hydrocarbonate on the teratogenic activity of orant (carbutamide). I. R. Barilnik. Farm. i toks. 30 no. 5 531-533 S-O '67.
- Effect of some antibiotics on the transfer of resistance to tetracycline and chloramphenicol by means of the episome factor (Rf). I. M. Tereshin, I. I. Dolosova. Antibiotiki 13 no. 1 25-30 Ja '68.
- Effect of sodium hydroxybutyrate on the processes of central inhibition. R. I. Kvasnoi, N. A. Kruglov. Farm. i toks. 30 no. 5 539-543 S-O '67.
- Effect of some higher fatty acids on the course of experimental aseptic inflammation. N. P. Gorkova, T. A. Prokoptseva, I. B. Sorokina. Pat. fiziol. i eksp. 11 no. 6 81-83 S-O '67.

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615.7 (Continued)

- Lulization of the mycelial fat of *Penicillium nigriceps* as a source of carbon nutrition in biosynthesis of antibiotics. E.I. Iofina and others. Antibiotiki 13 no.1 37-40 Ja '68
- Similar complications in aminazine treatment of mental patients. V.N. Tsiul'manov, B.K. Lugovskii. Zhur zavr i psikh 68 no.1 111-115 '68
- Vitamin C and its significance for the organism. F. Zabludovskaya. Doshk vosp 10 no.12 58-61 '67

615.7(477)—Ukrainian S.S.R.

- Advancements of the pharmaceutical science of the Ukrainian S.S.R. in the field of drug technology and preparations in the past 50 years of Soviet rule. G.A. Pavlov and others. Farmatsev. zhur 22 no.1 48-58 '67
- Advancements of the pharmaceutical science of the Ukrainian S.S.R. in the past 50 years of Soviet rule in the field of analysis of medicinal substances. V.I. Tsiul'manov and others. Farmatsev. zhur 22 no.4 30-47 '67

615.8 PHYSIOTHERAPY AND OTHER TREATMENTS

- Analyses of using the linear programming method in radiotherapy of bronchogenic cancer. N.N. Orlovskaya. Vop onk 14 no.1 32-31 '68
- Arrest of general blood circulation under conditions of experimental hypobaric oxygenation and apnoea. I.A. Novikova and others. Graud khir 10 no.1 58-63 Ja '68
- Changes in hemodynamics and gas exchange depending on the method of artificial pulmonary ventilation. I.P. Cherep, A.A. Tsyganik, V.G. Golubchenko. Eksp. i klin. anest. 12 no.1 73-76 11-Ag '67
- Changes in the lungs following X-ray treatment of breast cancer. R.U. Vengazova, V.M. Kozminskii. Vop onk 14 no.1 35-37 '68
- Characteristics of reanimation in burn shock. R.I. Ginzburg, P.P. Votchkovskii. Ortop. travm i protez 28 no.12 8-12 D '67
- Effect of preliminary massage on the amount of movements in joints. I.P. Vasil'ev. Teor. i prak. fiz. kul't. 30 no.1 47 Ja '67
- Effect of prophylactically administered penicillins on the sensitivity of white mice to X-ray irradiation. I.U. S. Mikhlin. Antibiotiki 13 no.1 69-72 Ja '68
- Electrocardial electric stimulation of the heart. J. Breckels, R.Z. Chruskaya. Khirurgia 43 no.11 18-22 N '67
- Exercise therapy in diffuse fibrocavernous and hemato-genic disseminated pulmonary tuberculosis. I.I. Vorobeyeva. Probl. tub 45 no.8 36-41 '67
- Long results of sanatorium treatment of tuberculosis patients in children. V.D. Vlashevskaya. Probl. tub 45 no.8 61-65 '67
- Measuring device for biological and medical studies in the range of continuous radio waves. S.I. Zilitinkevich and others. Med. tekhn. 1 no.1 59-62 My-Je '67
- Postnikov, V.M. [General methodology of using physical exercises in physiotherapy]. Obshchaya metodika primeneniya fizicheskikh uprazhnenii v lechenii fizkul'ture Moskva, "Meditsina," 1967. 151 p. (Biblioteka fizicheskogo viraia)
- Problems in methods of evaluating irradiation of ultrahigh frequency with radio waves. E.A. Primakov, R.I. Kovalev. Voen.-med. zhur 1 no.1 55-59 Ja '68
- Prolonged electrostimulating therapy in pulmonary tuberculosis in man. H. Matsumeda. Probl. tub 45 no.8 41-44 '67
- The sauna and its use in athletic training. K.A. Kafarov. Teor. i prak. fiz. kul't. 30 no.8 51-54 Ag '67
- Using of bromestranolone diastereomers based on the combination image converter-scintillator. I.U.B. Mandel'tseva. Med. tekhn. 1 no.3 22-27 My-Je '67
- Treatment of spontaneous non-tuberculous pneumothorax by continuous endopneumal aspiration. S.A. Rysak, M.P. Chelobichov, A.S. Dorisko. Klin. khir. no.5 52 My '67
- Use of increased atmospheric pressure in air embolism. V.M. Vavilov, P.V. Grigor'eva, A.I. Naumenko. Vest. yur. 90 no.7 116-120 Ji '67
- Use of oxygen, cardiac activity, and pulmonary circulation in introductory anesthesia. G.I.A. Gorb' and others. Vest. khir. 99 no.7 197-191 Ji '67
- Use of vacuum therapy in suppurative inflammatory processes. C.D. Dvuzh'ina, S.F. Uzhakov. Klin. khir. no.5 32-40 My '67
- Utilizing infrared equipment in medicine. I.A.M. Varanovskii. Voen.-med. zhur. no.12 38-39 D '67
- Venous and arterial differences of pCO₂ and the carbonic anhydrase activity of the blood under conditions of hyperthermic perfusion. M.I.A. Khodas, S.T. Tsygankova, G.Kh. Platinitskaya. Eksp. i klin. anest. 12 no.4 70-73 Ji-Ag '67
- A year of work according to the new methods. N.D. Grachevskaya. Teor. i prak. fiz. kul't. 30 no.8 45-47 Ag '67

615.8(471.63)—Stavropol Province

- Significance of the test with oxygen load in the evaluation of the functional state of patients with pulmonary tuberculosis in the Tchereda Health Resort. A.M. Kovalenko. Probl. tub 45 no.8 52-57 '67

615.8(477)—Ukrainian S.S.R.

- Erem'in, V.U. [Treatment of chronic inflammatory diseases of the liver and biliary tract at the Truskavets Health Resort]. Lechenie bo'nykh s khronicheskimi vospal'nymi zabolevaniami pecheni i zhelchnykh puti na kurorte Truskavets 3-6, ispr. izd. Kiev "Zdorov'ia," 1966. 42 p. (Kurorty) (DNLM)

615.8(479.24)—Azerbaijan S.S.R.

- Chemical nature of growth substances in therapeutic muds of Masazyi and Klych-Azani. A.I. Kiselev, T.M. Efendieva. Dokl. AN Azerb. SSR 23 no.4 66-69 '67

615.9 TOXICOLOGY POISONS

- Biosynthesis of ascorbic acid in rat organs and physico-chemical reaction of the acid with toxicological methods of research in the field of nutrition hygiene. B.V. Lun'ev, I.U.M. Ilyipov. Trudy TSU 103 39-45 '67
- Characteristics of neurological symptomatology of chronic DDT poisonings. A. Model'. Sov. med. 30 no.10 110-111 Ja '68
- Classification of alimentary poisonings. Z.A. Ignatyevich, A.P. Kravina. Trudy Len. inst. epid. i mikrobiol. 12 5-10 '67
- Clinical aspects and treatment of acute dichlorodethane chloroethylene poisoning. V.F. Bogolavskii, S.Kh. Salikhova, F.V. Karpova. Sov. med. 30 no.1 107-109 Ja '68
- Content of histamine and histaminopoeity of cerebral tissues and skin in rats under the effect of industrial poisons. R.S. El'engart. Farm. i toks. 30 no.5 688-689 S-O '67
- Evolution of botulism. Report No. 3. Evolution of natural resistance of animals and people to the pathogenic effect of botulinum toxins. P.N. Bulgakov, S.N. Rumyantsev. Zhur. mikrobiol., epid. i immun. 45 no.1 73-77 Ja '68
- Expenditure of using methylene blue in carbon monoxide poisoning. K.M. Rapoport. Voen.-med. zhur. no.12 34-35 D '67
- 50 years of Soviet toxicology. I.U. V. Drugov. Farm. i toks. 30 no.5 521-528 S-O '67
- Formation of toxins of A and B type Clostridium perfringens on synthetic media. B.D. Dzhchenko, I.G. Ivanova. Zhur. mikrobiol., epid. i immun. 45 no.1 84-89 Ja '68
- Specific suppression of experimental contact dermatitis by dinitrochlorobenzene. V.A. Ado. Pat. fiziol. i eksp. 11 no.5 75-77 S-O '67
- Study of the toxicogenicity of diphtheria cultures by means of single-zone serum. Report No. 1. M.O. Podgarskaya, A.M. Panyshova. Zhur. mikrobiol., epid. i immun. 45 no.1 18-21 Ja '68
- Treatment of acute renal insufficiency caused by poisoning with anticholinergics. T.M. Butarskaya and others. Urol. i nefr. 32 no.1 48-50 Ja '67

616 DISEASE, PATHOLOGY AND MEDICINE

- Abstracts. A.A. Skager and others. Sov. med. 30 no.1 139-141 Ja '68
- Abstracts. A.G. Goncharov and others. Voen.-med. zhur. no.1 86-89 Ja '68
- Concepts of nervous system in Soviet pathophysiology. G.N. Kryzhanovskii, O.I.A. Ostrik. Pat. fiziol. i eksp. terap. 11 no.5 234-32 S-O '67
- Contribution of Soviet pathophysiology to the development of the doctrine of the reactivity of the body. N.N. Sirota. Pat. fiziol. i eksp. terap. 11 no.5 18-24 S-O '67
- Decision of the Plenum of the Board of the All-Union Scientific Society of Pathophysiology Dedicated to the 50th Anniversary of the Great October Socialist Revolution. Leningrad, July 3-5, 1967. I.R. Petrov, E.V. Gubler. Pat. fiziol. i eksp. 11 no.5 89-91 S-O '67
- Development of research in reanimation in the U.S.S.R. V.A. Nogovskii, A.M. Guryev. Pat. fiziol. i eksp. terap. 11 no.5 41-48 S-O '67
- Etiotropic and pathogenic treatment of tuberculosis. I.A. Shakoin. Sov. med. 30 no.1 56-60 Ja '68
- 50 years of Soviet pathological physiology. Pat. fiziol. i eksp. terap. 11 no.5 3-9 S-O '67
- From the pages of foreign periodicals. Med. tekhn. 1 no.3 63-64 My-Je '67
- [General problems of pathology. Oncology] Ref. zhur. Ob. vop. pat. Onk. no.12(53), Dec. 1967. Predmetnyi ukazatel' za 1966.
- In memory of Aleksandr Ivanovich Vorob'ik. Arth. pat. 20 no.12 81 '67
- Ksenia Nikolaevna Dolinskaya; an obituary. Arkh. pat. 29 no.12 62 '67
- Medical psychology. L. Sukhai'evskii. V mire knig 7 no.8 16 '67
- Pathology of therapy and pathomorphosis of some diseases in children. E.N. Ter-Grigoryan, V.M. Afanas'eva, T.F. Ivanovskaya. Arkh. pat. 29 no.12 56-61 '67
- Problems of angioneurosis. S.M. Pavlenko. Sov. med. 30 no.1 3-8 Ja '68
- Problems of tuberculosis in children during the 50 years of the development of Soviet pathophysiology. M.P. Pokhitonova. Probl. tub. 45 no.8 4-7 '67
- Study of the primary aspects of exogenous lipid metabolism in the human body. V.A. Shatornikov, T.I. Loran'skaya, L.A. Savchuk. Lab. delo 12 715-718 My '67
- Testing the application of a reducing diet containing primarily of proteins, in the case of obesity. D.M. Korobov, A.V. Petrov. Vop. pit. 26 no.2 62-64 Mr-Ap '67
- Vasilii Ilyichovich Sidapovskii. M.V. Volkov, I.N. Makhson. Khirurgia 13 no.12 103-109 D '67

616(479.22)—Georgian S.S.R.

- Epidemiological shifts in tuberculosis in Tiflis. T.V. Zaidadze. Probl. tub 13 no.8 8-10 '67

616.00 MORBID PROCESSES LESIONS

- Abdominal syndrome in burn. A.V. Korina, I.B. Miron. Klin. khir. no.12 50-52 D '67
- Abstracts. S.A. Neifakh and others. Vop. onk. 14 no.1 121-126 '68
- Analysis of the dynamics of saturating the cat organism with nitrogen under increased pressure. I.P. Iudin. Pat. fiziol. i eksp. 11 no.5 85-87 S-O '67
- Autodiagraphic study of spontaneous leukemia in mice. S.A. Goncharova, L.P. Lipina, O.S. Frankfur. L. AN SSSR. Ser. biol. no.1 100-120 Ja-T '68
- Case of cavity form of pulmonary cancer. I.D. Ushakov, Klin. khir. no.5 13-15 My '67
- Changes in the function of the anterior lobe of the hypophysis in the early stages of shock resulting from experimental crushing of soft tissues. G.S. Mazurkevich. Pat. fiziol. i eksp. 11 no.5 84-85 S-O '67
- Characteristics of reanimation in burn shock. R.I. Ginzburg, P.P. Votchkovskii. Ortop. travm i protez 28 no.12 8-12 D '67
- Chromosomal variability of cells in metastases. V.I.A. Shats. Vop. onk. 14 no.1 89-95 '68
- Classification of neoblasts. G.A. Bechav, Klin. khir. no.5 65-72 My '67
- Clinical significance of premonitory disease of the testicle. I.I. Ushakov. Klin. khir. no.11 21-26 N '67
- Content of potassium, sodium and chlorine in muscular tissues and tissues of thalamus, oblongata. I.P. Shula. Fiziol. zhur. [Ukr.] 14 no.1 101-105 Ja-T '68
- Course of anaphylactic shock in dogs resuscitated with transfusion of homogeneous blood and blood substitutes. D.V. Ilyichov. Eksp. i klin. anest. 12 no.4 54-57 Ji-Ag '67
- Cytochemical examinations of leucocytes in acute leukemia. V.T. Morozova, M.A. Ado, Kh.I.U. Dadashova. Lab. delo 12 728-729 My '67
- Determination of hexokinase activity in body fluids in malignant neoplasms. S.A. Neifakh and others. Vop. onk. 14 no.1 3-6 '68
- Diffuse xanthomatosis in juvenile diabetes mellitus. D.M. Akhmedov. Probl. endok. 13 no.4 55-56 N-D '67
- Dynamics of some mineral metabolism indices in coronary atherosclerosis patients under the influence of dietetic treatment. A.A. Trancher. Vop. pit. 26 no.3 54-55 My-Je '67
- Early necrotic changes in patients with burns. L.I. Mitropol'skaya, L.B. Rorin. Klin. khir. no.12 66-68 D '67
- Effect of rolling motion on gastric potential in dogs before and after deltanal inhalation. M.P. Kozhukhar. Fiziol. zhur. [Ukr.] 14 no.1 100-113 Ja-T '68
- Effect of saccolysins on the utilization of H³-thymidine by cells of transplantable tumors in vitro. V.V. Krasnashenko. Vop. onk. 14 no.1 51-55 '68
- Effect of some higher fatty acids on the course of experimental aseptic inflammation. N.P. Gor'kova, T.A. Prokopenko, I.D. Sorokina. Pat. fiziol. i eksp. 11 no.5 81-83 S-O '67
- Effect of some purine derivatives on experimental blastomagenesis. D.A. Asadov. Vop. onk. 14 no.1 82 '68
- Effect of synthetic analog of pangamic acid (vitamin B₁₅), disopropyl ammonium dichloroacetate, on some metabolism indices in experimental chronic toxicological hepatitis. N.Kh. Abdullaev. Vop. pit. 26 no.2 57-62 Mr-Ap '67
- Electrocardiographic changes in traumatic shock. G.A. Pokrovskii, A.S. Savina. Khirurgia 43 no.11 103-111 N '67
- Etiology of traumatic shock. N.I. Igurov, G.N. Tsybulinsk. Ortop. travm i protez 28 no.12 3-7 D '67
- Excessive weight at birth and fractures of the clavicle in newborn infants. A.P. Matveeva. Trudy TSU 103 61-67 '67
- Experience in skin grafting operations on deep burns. M.F. Kamaev, V.A. Orlik. Klin. khir. no.12 45-47 D '67
- Experience in using punch cards in oncological statistics. V.P. Glanskiene. Vop. onk. 14 no.1 61-66 '68
- Experimental model of controlled burns with subcutaneous taking of temperature. E.I. Iltis, H.M. Dirik. Fiziol. zhur. [Ukr.] 14 no.1 114-116 Ja-T '68
- External secretory function of the pancreas in dumping syndrome following Billroth's resection of the stomach. I.U. V. Ognev. Vop. pit. 26 no.3 34-42 My-Je '67
- Facts, probabilities, and doubts in present-day concepts of burn disease. T.I. Ar'ev. Vest. khir. 99 no.7 95-101 Ji '67

- End. of or. an. regulating sodium metabolism in prolonged salt diet, morphology and enzyme histology of salt hypertension. A. M. Vukhert and others. *Kardiologiya* 7 no 11 107-114 N '67.
- Suppression of viral and chemical carcinogenesis by the artificial heterotization method. V. P. Gamburg. *Dokl. AN SSSR* 177 no. 4 945-947 D '67.
- Traumatic shock, a review of foreign literature. A. N. Berezov. *Vest khir.* 99 no. 7 113-147 JI '67.
- Tuberculosis of the thyroid gland. P. V. Popov. *Probl. tub.* 45 no 8 91-92 '67.
- Tumorlike tuberculous of palatine and nasopharyngeal tonsils. F. I. Chumakov, E. A. Paramonova. *Probl. tub.* 45 no 8 90-91 '67.
- Use of punch cards in oncological institutions. O. I. Vukh. *Vop onk.* 14 no 1 67-71 '68.
- Use of vacuum therapy in suppurative inflammatory processes. E. D. Dvuzhikhal, S. T. Uzhakov. *Klin. khir.* no 5 32-40 My '67.
- X-ray diagnosis of fibrosis in pulmonary tuberculosis. L. I. Ginzburg. *Probl. tub.* 45 no 8 49-52 '67.
- 616 00(477)—Ukrainian S.S.R.**
- Development of oncology in the Ukraine in the years of Soviet power. I. T. Shevchenko. *Klin. khir.* no 11-18 N '67.
- Scientific and practical solution of the burn injuries problem in the Ukraine. V. D. Bratus'. *Klin. khir.* no 12 37-44 D '67.
- Some results and prospects in the development of the burn problem in the Ukraine during the years of Soviet power. A. A. Fedorovskii, B. A. Dmitriev, G. I. Bogoslovskii. *Klin. khir.* no 12 31-37 D '67.
- 616 039 SURGICAL, OPERATIVE TECHNIQUE**
- Analysis of late results of surgical treatment of congenital cardiac defects of the blue type in early childhood. E. S. Klenkova, V. S. Chekanov. *Grud. khir.* 10 no 1 44-47 Ja-F '68.
- Arterioaortic anastomosis in the transplantation of cadaveric kidney with multiple arteries. N. A. Lopatkin. *Urol. nefr.* 32 no 1 53-54 Ja '67.
- Ivgo-atrial anastomosis with the use of Donetskii's ring in occlusion of the superior vena cava. V. P. Aratskii. *Fkper. khir. i anest.* 12 no 4 43-46 JI-Ag '67.
- Bacteriological study of tuberculous lesions of resected lungs at various stages of their healing. R. M. Rozentfeld. *Grud. khir.* 10 no 1 108-112 Ja-F '68.
- Bactericidal activity of the brain in fluorothane anesthesia. I. S. Robiner. *Eksp. khir. i anest.* 12 no 4 80-85 JI-Ag '67.
- Case of lobectomy on a solitary lung. G. M. Kagalovskii, A. I. Novikova. *Grud. khir.* 10 no 1 121-122 Ja-F '68.
- Changes in hemodynamics and gas exchange depending on the method of artificial pulmonary ventilation. L. P. Chepur, A. A. Tsygani, V. G. Golubchenko. *Eksp. khir. i anest.* 12 no 4 73-76 JI-Ag '67.
- Changes in microcirculation in internal organs of some patients with congenital cardiac defects undergoing surgery with artificial blood circulation. V. T. Solov'kin, V. T. Zhalko-Titarenko. *Grud. khir.* 10 no 1 48-55 Ja-F '68.
- Characteristics of pulmonary circulation in controlled respiration under conditions of open pneumothorax, experimental study. I. K. Bogushev, N. M. Averbach, A. P. Davydov. *Grud. khir.* 10 no 1 57-73 Ja-F '68.
- Characteristics of the healing of operative wounds in plastic surgery using capron. S. A. Vinogradov, T. V. Rudina. *Klin. khir.* no 12 18-22 D '67.
- Characteristics of the vascular system of the heart and its experimental revascularization. M. D. Shmeil'ing. *Trudy Dush med. inst.* 88 no. 4 85-89 '67.
- Clinicopathological changes in thyrotoxicosis before and after surgery. L. Simeonov, N. A. Mkrumova. *Probl. endok.* 14 no 1 31-33 Ja-F '68.
- Comparative evaluation of remote results of the Billroth I and Billroth II resections of the stomach in peptic ulcer. V. I. Gordeev. *Khirurgiya* 43 no 12 42-47 D '67.
- Connecting cuff for corrugated tubes of gas anesthesia apparatus. I. U. M. Prokhorov. *Eksp. khir. i anest.* 12 no 4 86 JI-Ag '67.
- Correlation between the sanguiferous and lymphatic systems in experimental stenosis of the pulmonary artery and following application of a dexter cavapulmonary anastomosis, experimental and morphological study. V. V. Rzhantitsin. *Akh. pat.* 29 no 12 24-29 '67.
- Current problems of prosthesis application and construction. F. R. Bogdanov, A. A. Korzh, L. G. Plotnik. *Ortop., Travm. i protez.* 29 no. 1 17-22 Ja '68.
- Decalcification of the lung for pleural emphysema, bronchial fistulas, and atelectasis of the lung due to rupture of pulmonary echinococcosis into the pleural area. L. A. Migal'. *Grud. khir.* 10 no 1 117-118 Ja-F '68.
- Dynamics of changes in the electrocardiogram during ether anesthesia. L. L. Starhadze. *Fkper. khir. i anest.* 12 no. 4 90-94 JI-Ag '67.
- Dynamics of external respiration in pulmonary resection. P. P. Kovalenko, A. T. Anisimova. *Grud. khir.* 10 no 1 79-85 Ja-F '68.
- Effect of subtotal thyroidectomy on the development of thyroid tumors in rats under the influence of 6-methyl-thiouracil. E. A. Ird. *Probl. endok.* 14 no 1 87-90 Ja-F '68.
- Establishing a buried suture following opening of abscesses in the pinniculus adiposus. N. F. Ekiniashev. *Voen.-med. zhur.* no. 12 67-68 D '67.
- Evaluating a patient's condition before surgery. I. S. Zhorov, A. A. Krikhalev, A. L. Starikov. *Khirurgiya* 43 no 12 9-11 D '67.
- Experience in skin grafting operations on deep burns. M. F. Kamacov, V. A. Orlik. *Klin. khir.* no 12 45-47 D '67.
- Experience in the use of intraosseous anesthesia combined with neoplastic preparations in surgery on extremities for tuberculosis of bones and joints. I. Sh. Kuliev. *Azerb. zhur.* 44 no 12 36-11 D '67.
- Experimental alloplasty of the urethra. I. P. Kolaids, V. K. Stepanova. *Fkper. khir. i anest.* 12 no 4 45-47 JI-Ag '67.
- External respiration, gas composition of the blood as acid-base equilibrium in the postoperative period in orthopedic patients. A. I. Pashchuk, V. P. Il'inskiy. *Ortop., travm. i protez.* 29 no 12 15-16 Ja '67.
- First Republic Conference on the Use of Polymers in Surgery. A. G. Gubanov, I. U. A. Kuznetsov. *Klin. khir.* no 12 73-75 D '67.
- Functional sequelae of pulmonary resections in young patients with tuberculosis. N. I. Ivanov, S. P. Nikolskii. *Grud. khir.* 10 no. 1 93-97 Ja-F '68.
- Hygienic evaluation of plastic prostheses (capron and polyvinyl chloride). V. O. Shest'el', G. O. Pukhov, L. L. Taimil'sheva. *Ortop., Travm. i protez.* 29 no. 1 11-11 Ja '68.
- Increasing possibilities of surgical treatment of inter-ventricular septal defects under conditions of hypotension. I. N. Meshalkin and others. *Grud. khir.* 10 no 1 8-11 Ja-F '68.
- Introducing modern surgical interventions on the eye. I. U. V. Pivov. *Voen.-med. zhur.* no. 12 70-11 D '67.
- Is it possible to conduct bronchoscopy under anesthesia in a polyclinic? G. I. Lukomskii, V. A. Mikhlin, V. A. Paganov. *Fkper. khir. i anest.* 12 no 1 16-20 Ja-F '67.
- Korkhov, V. V. [Surgical treatment of pseudarthrosis; intraosseous metal osteosynthesis]. *Khirurgiya* 43 no 12 11-12 D '67.
- Late results following thoracoplasty in children with congenital funnel chest. N. I. Kondrashev, I. A. Baidarovich. *Grud. khir.* 10 no 1 61-67 Ja-F '68.
- Late results of lung resections in tuberculosis. V. P. Shadrin. *Sov. med.* 30 no 1 114-115 Ja '68.
- The lung following lobar and segmental resections. A. V. Gligorian, I. U. B. Al'khutov. *Grud. khir.* 10 no 1 65-67 Ja-F '68.
- Modification of radical surgery in laryngeal cancer. V. I. A. Levi. *Klin. khir.* no 11 46-49 N '67.
- Morphological aspects of the effectiveness of experimental myocardial revascularization by means of forming interosseous anastomoses. M. D. Shmeil'ing. *Trudy Dush med. inst.* 88 no. 4 80-81 '67.
- Morphological changes of a porcupine's needle in the medullary canal. R. B. Beklev. *Trudy Dush med. inst.* 88 no. 1 103-105 '67.
- Morphology of the callus in intraosseous osteosynthesis with the use of a porcupine needle. R. B. Beklev. *Trudy Dush med. inst.* 88 no. 4 100-101 '67.
- Operation of constriction of the pulmonary artery in the circulation insufficiency in children with defects of the interventricular septum. P. A. Konstantinov. *Grud. khir.* 10 no 1 3-8 Ja-F '68.
- Our experience in plastic surgery. V. I. A. Pishchik. *Klin. khir.* no 12 48-50 D '67.
- Pathological anatomy of Marfan's syndrome. G. M. Guterman, L. A. Mikhlin. *Akh. pat.* 29 no. 1 74-74 '67.
- Petrovskii, D. V., N. N. Kanashin, and N. O. Nikolaev. [Surgery on the diaphragm]. *Khirurgiya* 43 no 12 11-12 D '67.
- Plastic surgery on the uterus with the use of synthetic polymers. A. A. Vishnevskii and others. *Fkper. khir. i anest.* 12 no 4 12-16 JI-Ag '67.
- Polymers in plastic surgery for defects of the thoracic wall. V. T. Anisimov. *Klin. khir.* no 12 24-26 D '67.
- Possibility of prolonged monopulmonary and bilobar ventilation in restorative operations on the trachea and bronchi. F. I. Amirov, G. N. Glumel'tsin. *Fkper. khir. i anest.* 12 no. 4 57-61 JI-Ag '67.
- Postoperative hypocorticism in children. D. D. Muskhin. *Urol. nefr.* 32 no 1 27-30 Ja '67.
- Preoperative preparation and postoperative care of patients with diabetes mellitus in surgical intervention. G. S. Zefirova, E. G. Moskvich. *Trudy TSU* 101 191-202 '67.
- Prosthesis in preschool children with defects of the lower extremities. G. P. Onokhova. *Ortop., Travm. i protez.* 29 no. 1 27-32 Ja '68.
- Pulmonary resection with the use of plasma-substituting solutions in patients with tuberculosis of the lungs. N. S. Pilipchuk, V. I. Gogol'. *Grud. khir.* 10 no 1 112-118 Ja-F '68.
- Rydel'-Lopatkin's modification of Rivoir's nephropexy. N. V. Konstantinovskii. *Urol. nefr.* 32 no. 1 52-51 Ja '67.
- Radical surgical treatment of cancer of the large duodenal papilla in a district hospital. P. V. Kotik. *Klin. khir.* no. 11 60-62 N '67.

616.1.1 **CIRCULATORY, CARDIOVASCULAR AND BLOOD DISEASES**

Abdullaev, M. M. [Problems of blood coagulation under normal conditions and in pathology.] *Voprosy svertyvaniya krovi v norme i patologii* Baku, "Azeri neshir," 1967 198 p

Achievements of cardiology during 50 years of Soviet power. M. A. Kavit'skaya. *Kardiologiya* 7 no. 11 59-66 N '67

Achievements of Soviet cardiology. G. M. Solov'ev. *Kardiologiya* 7 no. 11 18-22 N '67

Adaptation of blood circulation in the presence of shunts in the greater circulation (coarctation of the aorta). E. N. Meshalkin and others. *Kardiologiya* 7 no. 11 85-91 N '67

Analysis of late results of surgical treatment of congenital cardiac defects of the blue type in early childhood. E. S. Klemenova, V. S. Cherkov. *Grud. khir.* 10 no. 11 47-49 Ja-F '68

Appearance of anti-C (anti-HR) antibodies in combination with antileucocyte antibodies in hemophilia. I. S. Buiachenko, N. A. Zhukova. *Probl. gemat. i patol. krovi* 13 no. 1 49-51 Ja '68

Arrest of general blood circulation under conditions of experimental hypobaric oxygenation and hypothermia. I. A. Bokeria and others. *Grud. khir.* 10 no. 1 50-63 Ja-F '68

Arteriovenous anastomosis in the transplantation of cadaveric kidney with multiple arteries. N. A. Ipatkin. *Urol. nefrol.* 32 no. 1 53-54 Ja '67

Angiography of extracranial arteries through the internal, thoracic, and hypogastric arteries in combination with oxygen pneumography, experimental study. N. A. Mutalibov. *Azerb. med. zhur.* 11 no. 12 47-49 D '67

Automatic cognition of electrocardiograms using machine programming algorithms. L. A. Savchenko. *Avtom. telem.* no. 11 145-148 N '67

Azygo-atrial anastomosis with the use of Donatki's ring in occlusion of the superior vena cava. V. P. Arat'skiy. *Eksp. khir. i anest.* 12 no. 1 43-46 Ji-Ag '67

Babinski-Rothlieh syndrome in tuberculosis of the hypophysis in a patient with hypertension. I. B. Zukovskaya. *R. I. Tsinkerman. Probl. endok.* 11 no. 1 37-39 Ja-F '68

Basic trends in the studies on atherosclerosis; based on data of the Institute of Cardiology named after A. I. Miasnikov. *Kardiologiya* 7 no. 11:119-124 N '67

Blood coagulation system in patients with complicated forms of gastric and duodenal ulcers. I. I. Kal'chenko, F. P. Necheporenko, P. V. Ly. *Klin. khir.* no. 12 56-63 D '67

Blood glycoproteins in myxedema following prolonged replacement hormone therapy. V. P. Kizachko, M. A. Samokhvalova. *Probl. endok.* 11 no. 1 33-36 Ja-F '68

Cardiac lesion in dermatomyositis. O. M. Vinogradova, A. P. Solov'eva. *Sov. med.* 30 no. 1 28-33 Ja '68

Case of knife wounds in the chest with injuries to the lungs and heart. M. U. Laiman. *Voen.-med. zhur.* no. 12 66 D '67

Cause of increased fragility of bones in genuine polycythemia. K. S. Ponomarev. *Ortop., travmat. protz.* 29 no. 1 79-81 Ja '68

Changes in blood coagulation and anticoagulation system in pregnancy nephropathy before and following treatment. Kh. M. Ismailov. *Azerb. med. zhur.* 14 no. 12 10-14 D '67

Changes in hemodynamic and gas exchange depending on the method of artificial pulmonary ventilation. I. P. Chepik, A. A. Tsyganskiy, V. G. Golubchenko. *Eksp. khir. i anest.* 12 no. 4 43-46 Ji-Ag '67

Changes in microcirculation in internal organs of some patients with congenital cardiac defects undergoing surgery with artificial blood circulation. V. T. Sviridkin, V. P. Zhalko-Titov. *Grud. khir.* 10 no. 1 18-25 Ja-F '68

Changes in the content of blood serum proteins in tetanus. V. G. Zoria. *Klin. khir.* no. 5 43-47 My '67

Changes in the content of some enzymes in the blood serum in thyrotoxicosis. A. R. Zlatkina. *Probl. endok.* 13 no. 6 9-12 N-D '67

Characteristics of catabolic processes in experimental myocardial infarct. L. T. Lysenko, M. G. Kaitzman. *Kardiologiya* 7 no. 11:139-145 N '67

Characteristics of pulmonary circulation in controlled respiration under conditions of open pneumothorax, experimental study. L. K. Bogush, M. M. Averbukh, A. P. Davydov. *Grud. khir.* 10 no. 1 67-73 Ja-F '68

Characteristics of temperature and leukocyte reaction in late schizophrenia with presenile psychoses. I. U. Leonova. *Zhur. nevro. i psikh.* 68 no. 1 77-82 '68

Characteristics of the blood supply of a hypertrophic heart. L. S. Spenskiy. *Arkh. pat.* 29 no. 12 20-24 '67

Characteristics of the course of hypertension in the process of pregnancy, labor and puerperal period. V. A. Spasskaya. *Sov. med.* 30 no. 1 124-126 Ja '68

Characteristics of the diagnosis of insufficiency of the mitral valve. V. I. Nemchenko, P. P. Viazutskiy. *Vest. khir.* 99 no. 7 18-52 Ji '67

Characteristics of the vascular system of the heart and its experimental revascularization. M. D. Shmerling. *Trudy Dush. med. inst.* 88 no. 4 85-89 '67

Characteristics of water metabolism in lesions of vascular tonus. M. E. Syrotina. *Fiziol. zhur. [Ukr.]* 14 no. 1 37-43 Ja-F '68

Classification of traumatic aneurysms. O. B. Milonov. *Khirurgiya* 43 no. 12:77-81 D '67

Clinical aspects, diagnosis and surgical treatment of the postphlebotic syndrome of the lower extremities. A. V. Pokrovskiy, L. L. Klonov, E. V. Potemkina. *Khirurgiya* 43 no. 11:11-17 N '67

Clinical aspects and diagnosis of congenital arteriovenous fistulas. A. V. Pokrovskiy, V. M. Sergeev, I. U. D. Moskalenko. *Sov. med.* 30 no. 1 74-78 Ja '68

Clinical aspects and diagnosis of thromboembolism of the bifurcation of the aorta. D. T. Malyshev. *Khirurgiya* 43 no. 11:47-52 N '67

Clinical aspects and ischemic states in the thoraco-lumbosacral portion of the spinal cord. D. K. Bogorodinskiy, A. A. Skokomets. *Zhur. nevro. i psikh.* 68 no. 1 54-60 '68

Clinical evaluation of disorders of blood coagulation based on laboratory examination and thromboelastography. K. G. Urbanik, I. I. Mizin, V. A. Sheleg. *Sov. med.* 30 no. 1 130-132 Ja '68

Clinical significance of some autoimmunity indices in typhoid fever. V. P. Timina. *Sov. med.* 30 no. 1 66-69 Ja '68

Clinicopathogenic parallels in the characteristics of disorders of the cardiovascular system in alimentary toxic infections of salmonella etiology. *Kardiologiya* 7 no. 11 96-101 N '67

Collateral blood circulation in occlusions of middle cerebral artery. I. Kh. Zakharetskaya, L. K. Bragina. *Zhur. nevro. i psikh.* 68 no. 1 19-23 '68

Combined use of Adonia veratilis with cardiac glycosides and atropine derivatives in blood circulation insufficiency. A. I. Gubchik, L. A. Leshechinskii. *Sov. med.* 30 no. 1 23-27 Ja '68

Comparative evaluation of methods of plastic surgery on the interventricular septum. *Khirurgiya* 43 no. 11:9-13 N '67

Congenital aneurysms of the extremities. O. B. Milonov. *Khirurgiya* 43 no. 11:32-41 N '67

Content of lipoproteins and blood protein fractions in myxedema following triiodothyronine therapy. V. R. Kizachko, M. Sh. Sadigaliev. *Trudy TSU* 104 124-132 '67

Content of somatotrophic hormone in the blood serum of patients with cerebrohypophyseal nism and its dynamics during the treatment with anabolic steroids. N. A. Zarubina, M. I. Balabolkin. *Probl. endok.* 13 no. 6 14-48 N-D '67

Content of the lipomobilizing factor of the hypophysis in experimental hypercholesterolemia in rabbits. L. A. Lushnikova. *Probl. endok.* 14 no. 1 70-83 Ja-F '68

Contractile function of the myocardium in thyrotoxicosis based on polycardiological data. K. F. Selivanova, V. P. Kubyshkin. *Probl. endok.* 14 no. 1 39-43 Ja-F '68

Coronary atherosclerosis and having conditions; epidemiological studies in the Soviet Union. I. A. Rykin. *Kardiologiya* 7 no. 11:131-138 N '67

Correlation between the sanguiferous and lymphatic systems in experimental stenosis of the pulmonary artery and following application of a dexter cavapulmonary anastomosis, experimental and morphological study. V. V. Rukhmit'skiy. *Arkh. pat.* 29 no. 12 21-29 '67

Correlation of protein synthesis and disintegration in the myocardium in rabbits in experimental thyrotoxicosis. O. B. Syntkina, V. I. Kundtor. *Probl. endok.* 11 no. 1 83-87 Ja-F '68

Counting thrombocytes in citrate-furacilin solution. I. I. Dufilin, V. L. Kryzhanovskiy. *Lab. delo* no. 12:730-732 My '67

Cytochemical examinations of leucocytes in acute leukemia. V. T. Morozova, M. A. Ado, Kh. I. U. Dadashov. *Lab. delo* no. 12:728-729 My '67

Cytochemical study of leucocyte alkaline phosphatase in some infectious intestinal diseases. B. S. Nagoev. *Sov. med.* 30 no. 1:52-55 Ja '68

Detecting early signs of atherosclerosis in flight crews. D. G. Kovin, T. M. Kovina, T. A. Sukhomilova. *Voen.-med. zhur.* no. 12 57-58 D '67

Determination of chloform in the blood by reaction gas chromatography. O. L. Gorshunov, M. A. Naiditskaya. *Eksp. khir. i anest.* 12 no. 4:86-90 Ji-Ag '67

Determination of serotonin in the blood and cerebrospinal fluid by a modified fluorometric method. A. I. Makarov, E. A. Levin. *Lab. delo* no. 12:722-725 My '67

Determination of the fibrinolytic activity of the sputum in tuberculosis with hemoptysis and pulmonary hemorrhages. G. S. Neverov. *Probl. tub.* 15 no. 8 75-78 '67

Development of a model of experimental atherosclerosis in rabbits. L. I. Grebenik and others. *Vop. pit.* 26 no. 2 84-85 Mi-Ap '67

Development of collateral pathways of the blood flow in experimental stenosis and total ligation of the trunk of the portal vein. A. I. Nikonov. *Arkh. anat., gist. i embr.* 53 no. 11:81-85 N '67

Diagnosis and surgical treatment of portal hypertension. I. G. Uglov, N. V. Usmanov. *Klin. khir.* no. 12 26-31 D '67

Diagnostic of aneurysms of the abdominal aorta. A. V. Pokrovskiy, R. S. Ermoluk. *Klin. khir.* no. 5 27-32 My '67

Diagnosis of heart contusions. K. I. Myshkin, L. A. Migal', O. B. Spitsina. *Vest. khir.* 99 no. 7:45-48 Ji '67

Diagnostic significance of multiaxial study of systolic cardiac murmurs. A. L. Mukhomedov, I. K. Sledzhevskaya, G. V. Ivanovskiy. *Kardiologiya* 7 no. 11:101-107 N '67

Disorders of local blood circulation and their significance in the etiology and pathogenesis of ulcerous processes of the stomach. P. I. Norkunas. *Eksp. khir. i anest.* 12 no. 4:18-22 Ji-Ag '67

Tishin, A. G. [Clinical aspects and surgical treatment of cerebral tuberculomas.] *Klinika i khirurgicheskoe lechenie tuberkuleznoy mozga* [Leningrad] "Meditsina," 1966 149 p (DNLM)

Transarterial electroresection in stenosis of the cervix of the urinary bladder and posterior urethra. M. Mebel'. *Urol. i nefrol.* 32 no. 1 31-34 Ja '67

Transarterial electroresection of adenoma of the prostate gland. M. N. Nankovskiy. *Urol. i nefrol.* 32 no. 1 34-40 Ja '67

Treatment of acute respiratory insufficiency in surgery for pulmonary tuberculosis. B. S. Kibrik. *Grud. khir.* 10 no. 1 104-108 Ja-F '68

Treatment of postoperative and recurrent hernias of the anterior abdominal wall by means of alloplastic materials. V. I. Kiselev. *Klin. khir.* no. 12 16-18 D '67

Use of capron mesh in plastic surgery for recurrent and postoperative hernias. V. M. Sapozhnikov, G. D. Falceva. *Klin. khir.* no. 12 22-23 D '67

Using stimulants of the central nervous system in anesthesiological practice. N. A. Osipov. *Khirurgiya* 43 no. 12 21-25 D '67

Vascular prosthesis in acquired cardiac defects. G. I. Tsuberman and others. *Grud. khir.* 10 no. 1 12-18 Ja-F '68

Vasil'ev, A. A. [Clinical aspects and surgical treatment of nonspecific ulcerous colitis.] *Klinika i khirurgicheskoe lechenie nespetsificheskogo jазvennogo kolita* [Moskva, "Meditsina," 1967. 214 p (DNLM)]

Vector- and electrocardiographic indices in toxic goiter following thyroectomy. R. Sh. Epstein. *Probl. endok.* 14 no. 1 20-24 Ja-F '68

616.089(477)—Ukrainian S. S. R.

State and prospects of the development of alloplasty in the Ukrainian S. S. R. M. I. Kolomichenko. *Klin. khir.* no. 12 10-16 D '67

- (Distribution of the pulmonary veins and their plasticity under conditions of disorders of the blood flow). IU, A. Makimukh. Arkh anat., hist., embriol., 51 no. 11:76-80 N '67.
- Dynamics of fibrinolysis and some components of blood coagulation in various types of disorders of cerebral blood circulation. V.M. Karpitskaya. Zhurnal nevrologii i psikiatrii 68 no. 1:41-50 '68.
- Dynamics of some mineral metabolism indices in coronary atherosclerosis patients under the influence of dietetic treatment. V.A. Tranchesi. Vopr pit 26 no. 3:51-55 My-Jc '67.
- Effect of hydrocortisone and noradrenosterone on lipemia and albuminemia in experimental nephrotic syndrome. S.M. Leites, N.V. Nikiforova. Pat fiziol i eksp terap. 11 no. 5:60-64 S-O '67.
- Effective renal circulation in acute pyelonephritis. A.M. Bolno-Isvenski. Urol i nefr 32 no. 1:9-13 Ja '67.
- Electrocardiographic changes in traumatic shock. G.A. Pokrovskii, A.S. Savina. Khirurgia 13 no. 11:108-111 N '67.
- Electrocardiographic indices of pain sensation in lumbosacral radiculitis patients. G.I. Kustovetski. Voen.-med. zhur 10 no. 12:73-74 D '67.
- Electroencephalographic changes during artificial blood circulation under conditions of hemodilution. F.V. Ballurek, V.P. Stasunov, A.M. Konnikov. Grud.khir 10 no. 1:30-34 Ja-F '68.
- Electrophoretic heterogeneity of serum mucoproteins. L.M. Cherkashenko. Lab. delo no. 12:718-722 My '67.
- Endocardial electric stimulation of the heart. J. Bredikis, R. Zebrauskas. Khirurgia 43 no. 11:18-22 N '67.
- Evoked potentials of the optic cortex and corpus geniculatum laterale in dying from anemia and reanimation in animals. I.N. Ivanova, T.R. Kuzmina. Nerv. sist. no. 8:93-96 '67.
- Experimental atherosclerosis in rats caused by deficiency of essential fatty acids. S.G. Aptekhin, F.L. Leites. Vopr pit 26 no. 3:62-67 My-Jc '67.
- Experimental data for the study of the bacterial factor in acute leukemia. N.A. Fedotov and others. Pat. fiziol i eksp terap. 11 no. 5:56-60 S-O '67.
- Experimental resection of cardiac aneurysm. E.K. Solznev, V.P. Pugleva. Eksp. khir. i anest. 12 no. 4:34-35 JI-Ag '67.
- Experimental surgical therapy in coronary insufficiency by ligation of the coronary artery and diaphragmaticoplexy by B.V. Petrovskii's method. D.S. Zolov, Klin.khir. no. 5:21-26 My '67.
- 50 years of Soviet cardiology. P.L. Lukomskii. Kardiologia 7 no. 11:3-12 N '67.
- Functional state of the cardiovascular system in experimental atherosclerosis. N.N. Goev, L.P. Cherkashenko. Kardiologia 7 no. 11:37-45 N '67.
- Hemodynamics in patients with tumorous and suppurative processes in the lungs based on catheterization of the pulmonary circulation. N.V. Intelava, Z.V. Revishvili, V.U. Volobuev. Grud.khir. 10 no. 1:74-78 Ja-F '68.
- Hemolytic properties of splenic extracts in dogs following hemorrhage. N.A. Gorbunova. Pat fiziol. i eksp. 11 no. 5:78-80 S-O '67.
- Hemopathies and collagenoses. Report No. 3. Mechanisms of the origin of autoimmune agglutinations in collagenoses and systemic hemopathies. M.S. Dul'gan, I.A. Sigudin. Probl. gemat. i perel.krovi 13 no. 1:3-14 Ja '68.
- Hemopoietins in patients with obstructive pulmonary emphysema. N.L. Zhuravleva. Probl. gemat. i perel.krovi 13 no. 1:40-41 Ja '68.
- Hemorrhage from injured ductus arteriosus. D.IU. Krivchenko. Grud.khir. 10 no. 1:34-38 Ja-F '68.
- Hepatic enzymes in the blood serum during various forms of Botkin's disease in children. D.M. Baginski, I.V. Shakhgildian. Sov.med. 30 no. 1:46-51 Ja '68.
- Histology of the renal vessels in chronic Pa210 radiation lesion. S.A. Astapova. Arkh. pat. 29 no. 12:9-14 '67.
- History, ways, and aspects of development of surgery on the heart and major vessels. F.G. Uglov. Vest.khir. 99 no. 7:3-11 JI '67.
- Hypofibrinemia in thyrotoxicosis. A.R. Ziatkina, M.A. Rakcheeva. Probl. endok. 14 no. 1:28-30 Ja-F '68.
- I.G. Gekov and cardiac surgery. I.Kh. Gevorgian. Vest.khir. 99 no. 7:38-40 JI '67.
- Immunological study of the patients with sarcoma. A.M. Eroshkina, V.N. Kolmykova. Vop onk. 14 no. 1:38-40 '68.
- Inapplicability of the phagocytosis reaction for the diagnosis of histiocytosis. Z.I. Churanova, A.P. Egozova. Zhur.mikrobiol., epid. i immun. 44 no. 12:32-36 D '67.
- Increasing possibilities of surgical treatment of interventricular septal defects under conditions of hypothermia. E.N. Meshalkin and others. Grud.khir. 10 no. 1:8-11 Ja-F '68.
- Interrelationship of blood hormonal iodine and radioactivity of thyroid tissue in diffuse toxic goiter. A.M. Dykhovskaya. Probl. endok. 13 no. 6:20-23 N-D '67.
- ISL-3 artificial heart-lung apparatus. A.M. Gorbachevskii. Med. tekhn. 1 no. 3:11-14 My-Jc '67.
- Isoenzymes of aminotransferases and their value in diagnosis. B.Krawczynski. Lab. delo, no. 12:707-711 My '67.
- Joint plenum of the Board of the All-Union Scientific Cardiological Society and the Scientific Council of the Ministry of Public Health of the R.S.F.S.R. on the problem "Prevention and treatment of coronary and cardiac insufficiency" dedicated to the 50th anniversary of Soviet power. E.B. Gogin. Kardiologia 7 no. 11:150-154 N '67.
- Kariamyshv, A.I. and L.I. Zakhalova. [Dermatoses caused by diseases of the vascular wall]. Dermatomy, obustovlennoye zabolevaniem sosudistoi stenki. Kiev, "Zdorov'ia", 1966. 113 p. (Biblioteka prakticheskogo vracha) (DNLM).
- Kimmelstiel-Wilson syndrome in children. A.M. Gerasimov, I.I. Svetkov. Trud TSU 101:155-161 '67.
- Lagochilus technique treatment of hemophilic children. I.V. Teterko. Sov.med. 30 no. 1:121-124 Ja '68.
- Latest results of closed mitral commissurotomy. M.S. Grigor'ev, N.P. Kozhevnikova. Viet.khir. 99 no. 7:12-19 JI '67.
- Latest results of mitral commissurotomy. I.F. Matynov, Khirurgia 43 no. 11:22-26 N '67.
- Latest results of splenorectal anastomosis in portal hypertension. M.D. Patsiora. IU A Irshov. Khirurgia 43 no. 11:59-64 N '67.
- Level of ascorbic acid in preschool children as related to the degree of vitamin C supply. I.A. Chigina. Vop pit 26 no. 2:81-83 My-Ap '67.
- Level of the somatotrophic hormone in the blood serum in diabetes mellitus. G.S. Zefirova, Z.L. Livitskaya. Trud, TSU 104:189-192 '67.
- Mechanism of formation of gas vacuoli in decompression pathology of divers. I.P. Utkan. Voen.-med. zhur 10 no. 12:60-64 D '67.
- Mechanocardiothoracic synopses and heart tones in children with extrastolic arrhythmia. S.M. Gavalov, A.A. Galstian. Biol. zhur. Arm. 20 no. 12:37-43 D '67.
- Methods for the simultaneous recording of the electrocardiogram, electroencephalogram, pneumogram and pulmonary ventilation on a two-channel O-37 electrocardiograph. S.N. Kuchkin. Izv. i prak. fiz. kul't. 30:57-58 Ap '67.
- Microelectrophoresis in acrylamide gel as a method of analysis of protein fractions. E.G. Lirskii, M.O. Tei-Markarian, N.G. Serenikova. Lab. delo no. 12:714-715 My '67.
- Mitral commissurotomy in various age groups of patients. S.A. Kolesnikov and others. Khirurgia 43 no. 11:3-8 N '67.
- Morphological aspects of the effectiveness of experimental myocardial revascularization by means of forming intracardiac anastomoses. M.D. Shmeling. Trud. Dush.med. inst. 88 no. 1:80-84 '67.
- Morphological changes in the myocardium and central nervous system during physical load and under condition of previous training for it. V.P. Tumano. Eksp. khir. i anest. 12 no. 4:35-37 JI-Ag '67.
- Morphology of blood in infectious lymphocytosis. N.L. Men'shikova, N.Kh. Shaktizianova. Lab. delo no. 12:725-727 My '67.
- Morphology of vasomotor reactions of mesenteric vessels. Experimental morphological study. I.K. Islova. O.I. Kaufman, T.V. Migulina. Arkh. pat. 29 no. 12:11-20 '67.
- Neurological complications in surgery on the heart. G.M. Solov'ev, R.N. Lebedeva, Zh.S. Kanevskaya. Zhur. nevro. psikh. 68 no. 1:60-65 '68.
- Observations on patients with coeliac pericardial cysts. M.V. Damlenko, D.E. Babliak. Grud.khir. 10 no. 1:118-121 Ja-F '68.
- Operation of construction of the pulmonary artery in blood circulation insufficiency in children with defective interventricular septum. B.A. Konstantinov. Grud.khir. 10 no. 1:3-8 Ja-F '68.
- Organization of aid to patients with cardiovascular diseases in the U.S.S.R. E.I. Charov. Kardiologia 7 no. 11:65-69 N '67.
- Oxygenation of the brain and tension of blood gases following the replacement of loss of blood with polyglukin. V.B. Kozdner, E.A. Kovalenko. Eksp. khir. i anest. 12 no. 4:40-52 JI-Ag '67.
- Pancreatic lipid lipase in patients with atherosclerosis and essential hyperlipemia. S.K. Churina. Vop pit 26 no. 3:42-46 My-Jc '67.
- Pathogenesis and treatment of chronic insufficiency of deep veins of the lower extremities. D.V. Mamatavisishvili. Eksp. khir. i anest. 12 no. 4:16-18 JI-Ag '67.
- Pathological anatomy of thromboses and embolisms of the pulmonary artery. I.P. Pavlov. Vest.khir. 99 no. 7:58-60 JI '67.
- Pathological anatomy of tricuspid atresia. L.D. Krymshin, A.N. Mazmanian. Grud.khir. 10 no. 1:18-23 Ja-F '68.
- Pathomorphological changes in the hypothalamus-hypophyseal system in rats under the effect of blood serum of schizophrenics. I.O. Gerbi, M.B. Nikolaeva. Zhur. nevro. psikh. 68 no. 1:90-95 '68.
- Pathophysiology of diabetic angiopathies and neuropathies. S.M. Leites. Trud TSU 104:147-154 '67.
- Peritoneal dialysis in uremia resulting from transfusion of rhesus-incompatible blood. Probl. gemat. i perel.krovi 13 no. 1:46-49 Ja '68.
- A physician's tactics in microfocal myocardial infarcts. N.D. Merkur'ev, D.T. Parakhnevich. Voen.-med. zhur. no. 12:29-31 D '67.
- Pleuropleuroctomy in patients with cirrhotic pulmonary tuberculosis and diabetes insipidus. N.S. Pilchuk. Probl. tub. 45 no. 8:86-87 '67.
- Possible role of interorgan transport of nucleic acids in the development of compensatory cardiac hypertrophy. G.M. Alekhina. Kardiologia 7 no. 11:145-149 N '67.
- Preparation of immunosorbents in the form of compounds of protein antigens with particles of sephadex. A.E. Gurvich, O.B. Kuzoleva, G.E. Orlov. Lab. delo no. 12:732-734 My '67.
- [Problems of cardiology: fibrinolysis and fibrinolytic therapy, coronary insufficiency, rheumatism]. Voprosy kardiologii, fibrinoliz i fibrinoliticheskaya terapiya, koronarnai nedostatochnost', revmatizm. Pod chelcheta A.I. Gittera [Gor'ti]. Volgo-Vladiostok izd., 1966. 334 p. (DNLM).
- Quantitative determination of fatty acids in blood serum in atherosclerosis. O.N. Nikol'skaya. Lab. delo no. 12:19-21 '68.
- Radiosotope methods of studying hemodynamics and topography of the cardiac cavities. V.M. Bogdanov. Voen.-med. zhur. no. 1:40-46 Ja '68.
- Reactivity of bioclectric potentials of the brain in atherosclerosis during the restorative period following insult. S.N. Savenko, N.G. Tarasov, I.N. Tauter. Zhur. nevro. psikh. 68 no. 1:65-70 '68.
- Recognizing nascent heart defects with the aid of electronic digital computers. A.L. Shezman. Izv. vuz. ucheb. zav. elektromekh. no. 11:1269-1270 N '67.
- Regional intra-arterial chemotherapy in thromboembolizing vascular diseases of the extremities. G.P. Alekseev and others. Khirurgia 43 no. 12:11-16 D '67.
- Regularities of metastatic spreading of Brown-Pearce tumor in its inoculation into the vessels and ligament apparatus of the liver, spleen, and kidney. P.B. Afif. Eksp. khir. i anest. 12 no. 3:32-34 JI-Ag '67.
- Renal function in patients with acquired cardiac defects during surgery with artificial blood circulation, hemodilution and moderate hypothermia. G.N. Teleshchenko. Grud.khir. 10 no. 1:38-41 Ja-F '68.
- Restoration of blood vessels of the skin in rabbits and dogs in healing postoperative wounds. V.S. Skidov. Trud. Dush.med. inst. 88 no. 4:75-79 '67.
- Results of using angiography in the diagnosis of tumors of soft tissues. G.E. Kuchinskii, I.N. Pavlov, O.N. Khmel'ev. Ortop. i travm. i protez. 28 no. 12:31-42 D '67.
- Role of neuroendocrine factors in the mechanism of development of hypertrophy and cardiac insufficiency. F.Z. Meerson, K.M. Kalyayev. Kardiologia 7 no. 11:73-79 N '67.
- Role of the renal factor in the development of hypertension. I.I. Zaretzki. Urol i nefr 32 no. 1:60-67 Ja '67.
- Rupture of aortic aneurysm in the esophagus. V.V. Krasovskii, R.V. Uts, I.I. Kanova. Vest.khir. 99 no. 7:135-136 JI '67.
- Rupture of the aorta in Marfan's syndrome. V.I. Ligets, V.V. Erlova. Arkh. pat. 29 no. 12:74-76 '67.
- Significance of some biochemical methodologies for diagnosis of humoral lipid disorders in coronary atherosclerosis. L.G. Gomina. Kardiologia 7 no. 11:124-130 N '67.
- Simple potentiometric method of determining serum estradiol. V.G. Grigor'ian. Lab. delo no. 1:16-17 '68.
- Some biochemical and histochemical characteristics in experimental coronary deficiency and following application of cardiac glycosides. S.S. Azzova, K.A. Dzhuravleva, I.K. Kamilov. Urb. biol. zhur. 11 no. 6:27-29 '67.
- Some current problems of acute arterial obstruction. A.A. Gimbir, A.I. Chuk Munasar. Vest.khir. 99 no. 7:53-58 JI '67.
- Some electrolyte disorders in chronic insufficiency of blood circulation. I.I. Sivkov, V.G. Kukov, L.S. Blistanova. Kardiologia 7 no. 11:91-96 N '67.
- Some errors in diagnosing intra-abdominal hemorrhage following an appendectomy. S.V. Fedotko. Klin.khir. no. 11:54-55 N '67.
- Some hematologic changes in isolated perfusion of the extremities. E.G. Anicheslavskii, I.G. Tubel. Khirurgia 43 no. 11:56-59 N '67.
- Some problems of anesthesia in gynecological surgery on patients with hypertension. A.T. Bunin. Sov.med. 30 no. 1:90-93 Ja '68.
- State of blood coagulation in transitory disorders of cerebral blood circulation and therapeutic influences during these disorders. Z.N. Shibanov. Zhur. nevro. psikh. 68 no. 1:36-40 '68.
- State of blood coagulation system before and following surgery on lungs. E.A. Khrushcheva, M.I. Tkova. Grud.khir. 10 no. 1:55-58 Ja-F '68.
- State of specific and nonspecific immunological indices in experimental staphylococcal infection. T.A. Bogomaz, E.A. Dokuchaeva. Zhur. mikrobiol., epid. i immun. 44 no. 12:127-128 D '67.
- State of the cardiovascular system in typhoid fever following antibiotic therapy. G.N. Karetina. Sov.med. 30 no. 1:60-65 Ja '68.
- Stratified aneurysm of the aorta. S.G. Moiseev, A.V. Lagupova. Kardiologia 7 no. 11:114-119 N '67.
- Study of aorta proteins in dogs and rabbits in the course of the development of experimental atherosclerosis and following cessation of pathological condition. Z.A. Sokolova, D.G. Grigor'ian. Dokl. AN SSSR 177 no. 4:977-980 D '67.
- Study of the characteristics of hemostasis in women hemophilia carriers. L.P. Papalan, B.O. Beznoskov. Probl. gemat. i perel.krovi 13 no. 1:24-29 Ja '68.
- Substantiation of thrombolytic therapy in atherosclerosis. S.S. Ivanov. Sov.med. 30 no. 1:78-82 Ja '68.
- Surgical aid in stages of medical evacuation when blood vessels are injured. A.M. Boikotov, O.I. Chernikov. Voen.-med. zhur. no. 1:25-29 Ja '68.

E.2.1 (Continued)

1. (Continued)
- Surgical hemorrhage and pathological deposition of blood, S. P. Markin, V. P. Stepanovskii, Khirurgia 43 no. 12 33-30 D '67.
- Surgical treatment of traumatic carotid-cavernous anastomoses, M. T. Bilinoga, N. M. Mostichuk, Klin khir. no. 5 50-61 My '67.
- Surgical treatment of congenital cardiac defects in nursing infants, experience gathered in 200 operations, V. I. Eratovskii and others, Kardiologia 7 no. 11 79-85 S '67.
- Surgery and anesthesia in acute myocardial infarct, A. P. Masarenko, N. N. Rasnitsyn, Khirurgia 43 no. 11-13-15 N '67.
- Technique of capillarography, I. U. A. Nefodov, Lab. dolo 12 755 My '67.
- Temporary spinal ischemia in arteriosclerotic bifurcation of the aorta with different levels of its chronic occlusion, N. G. Savina, Zhurnal patskh 68 no. 1 23-34 '68.
- Treatment of arterial embolisms of the extremities and bifurcation of the aorta, V. S. Savel'ev, Khirurgia 43 no. 11-27-32 N '67.
- Ultrastructure and functional properties of blood platelets in hemorrhagic thrombocytosis, A. A. Totskaya, I. V. Furushtay, I. I. Trifonova, Probl. gemat. i perel. krov 13 no. 1 15-21 Ja '68.
- Use of fibrinolysin and heparin in the treatment of acute thrombophlebitis, thromboses and embolisms, V. M. Turchenko, Khirurgia 43 no. 11-52-55 N '67.
- Use of increased atmospheric pressure in air embolism, V. N. Vasilov, P. V. Grigor'ev, A. I. Naumenko, Vest khir. 99 no. 7 105-120 Ja '67.
- Use of oxygen, cardiac activity, and pulmonary circulation in intratracheal anesthesia, G. I. Gribel and others, Vest khir. 99 no. 7 107-111 N '67.
- Use of vitamin B15 in obliterating atherosclerosis of the lower extremities, L. M. Afanas'eva, Khirurgia 43 no. 12-30-38 D '67.
- Utilization of mice with chromosome markers for studying viral leukemia, A. A. Stavrovskaya, E. L. Pizgorina, Genetika no. 1 93-101 '67.
- Valvular prostheses in acquired cardiac defects, G. I. Tsel'man and others, Grud. khir. 10 no. 1-12-18 Ja-F '68.
- Wave- and electrocardiographic indices in toxic goiter following strumectomy, R. Sh. Gpaltin, Probl. endok 14 no. 1 20-24 Ja-F '68.
- Gamma B2 content and protein composition of blood serum in patients with postgastric ectomy syndromes, F. A. Gonorovich, S. P. Markin, I. V. Mangina, Khirurgia 43 no. 12-56-67 D '67.
- X-ray diagnosis of transposition of major vessels and chambers of the heart, I. I. Kagananov, N. V. Afanas'ev, Grud. khir. 10 no. 1 23-30 Ja-F '68.
- 15.2 RESPIRATORY DISEASES**
- Abdominomedastinal lipoma, M. A. Kozlov, Vest khir. 99 no. 7 137-138 Ji '67.
- Advantages of using the linear programming method in radiotherapy of bronchogenic cancer, N. N. Dyalova, Vop onk 11 no. 1 32-34 '68.
- Application of corticosteroids and ACTH in bronchial asthma treatment, A. S. Kobakidze, Sob. AN Gruz. SSR 47 no. 1 225-229 Ji '67.
- Arteriography of extremities through the internal, brachial, and hypogastric arteries in combination with oxygen pneumography, experimental study, N. A. Potailov, Azerb. med. zhur. 44 no. 12 47-49 D '67.
- Astria as symptom in pulmonary echinococcosis, I. G. Garbanov, Vest khir. 99 no. 7 136-137 Ji '67.
- Asymptomatic bilateral cough in compound diagnosis of bronchial lesions in tuberculosis in children, N. S. Glazova and others, Probl. tub. 45 no. 8 22-20 '67.
- Bacteriological diagnosis of tuberculosis in hot climates, Report No. 2; Evaluating methods of cultures, phase contrast, and Ziehl-Neelsen microscopy in examination of sputum, M. P. Zykov, Lab. dolo no. 12 755 My '67.
- Bacteriological study of tuberculous lesions of resected lungs at various stages of their healing, R. M. Rozenfeld, Grud. khir. 10 no. 1 108-112 Ja-F '68.
- Broncho- and tracheoesophageal fistulas in esophageal cancer, V. M. Abdullayev, B. M. Baglov, Sh. M. Jilbulov, Azerb. med. zhur. 44 no. 12 32-36 D '67.
- Case of cavity form of pulmonary cancer, L. D. Ustakova, Klin khir. no. 5 55-56 My '67.
- Case of eosinophilic pulmonary infiltrate of occupational etiology, L. P. Tsykunov, L. N. Shlychkova, Sov. med. 30 no. 1 132-133 Ja '68.
- Case of knife wounds in the chest with injuries to the lungs and heart, M. U. Lerman, Voen.-med. zhur. 44 no. 12 68 D '67.
- Case of lobectomy on a solitary lung, G. M. Kagalovskii, A. I. Novikova, Grud. khir. 10 no. 1 121-122 Ja-F '68.
- Case of rupture of the diaphragm, S. A. Kurubov, I. U. B. Feksa, V. N. Alasov, Voen.-med. zhur. no. 12 60 D '67.
- Case of tense pneumothorax, N. P. Chernobrovyl, Filn. khir. no. 5 84 My '67.
- Changes in the clinical course of tuberculosis in patients with diabetes mellitus during the last 20 years, L. I. Vuklinskii, Probl. tub. 45 no. 8 44-49 '67.
- Changes in the lungs following X-ray treatment of breast cancer, R. U. Veigazova, V. M. Korsunskii, Vop onk 14 no. 1 35-37 '68.
- Characteristics of pulmonary circulation in controlled respiration during conditions of open pneumothorax, experimental study, L. K. Bogush, M. M. Avakhba, A. P. Davydov, Grud. khir. 10 no. 1 67-73 Ja-F '68.
- Chemotherapy in plastic and reconstructive operations on the bronchi during the treatment of pulmonary cancer, A. Kh. Trakhtenberg, V. I. Shevelov, Khirurgia 43 no. 11 99-101 N '67.
- Clinical and laboratory study of adenovirus infections in children with tuberculosis, S. G. Cheshuk and others, Probl. tub. 45 no. 8 31-35 '67.
- Closed lesions of the lungs, B. I. Nikiforov, L. I. Skatin, Klin khir. no. 5 11-18 My '67.
- Decortication of the lung for pleural empyema, bronchial fistulas, and atelectasis of the lung due to rupture of pulmonary echinococcosis into the pleural area, L. A. Migal', Grud. khir. 10 no. 1 117-118 Ja-F '68.
- Degree of ossification of pharyngeal cartilages in long lived persons in roentgenographic picture, G. M. Magomedov, Arkh. anat., giat. i embr 53 no. 11 72-75 N '67.
- Determination of the fibrinolytic activity of the sputum in tuberculosis with hemoptysis and pulmonary hemorrhages, G. S. Neveiov, Probl. tub. 45 no. 8 75-78 '67.
- Development of antitubercular vaccination in the Soviet Union, A. I. Tognova, Zhur mikrobiol., epid. i immu 14 no. 12 3-7 D '67.
- Distribution of the pulmonary veins and their plasticity under conditions of disorders of the blood flow, I. U. A. Maksimuk, Arkh. anat., giat. i embr 53 no. 11 76-80 N '67.
- Dynamics of external respiration in pulmonary resection, P. P. Kovalenko, A. T. Anisimova, Grud. khir. 10 no. 1 79-85 Ja-F '68.
- Eversele therapy in diffuse fibrocavernous and hematogenic disseminated pulmonary tuberculosis, I. I. Vorob'eva, Probl. tub. 45 no. 8 35-41 '67.
- Experience in antitubercular practice in a garrison, P. G. Bilyaev, Voen.-med. zhur. no. 12 77 D '67.
- Functional sequelae of pulmonary resections in young patients with tuberculosis, N. F. Ivanov, S. E. Nakhmanson, Grud. khir. 10 no. 1 93-97 Ja-F '68.
- Functional state of the adrenal cortex in newborn infants of a mother with pulmonary tuberculosis, V. A. Tabolin, N. A. Badalov, G. P. Mitrofanova, Azerb. med. zhur. 44 no. 12 42-46 D '67.
- Hemodynamics in patients with tumorous and suppurative processes in the lungs based on catheterization of the pulmonary circulation, N. V. Antelava, Z. V. Rovishvili, V. U. Volobuev, Grud. khir. 10 no. 1 74-70 Ja-F '68.
- Hemoptysis in patients with obstructive pulmonary emphysema, N. I. Zhuravleva, Probl. gemat. i perel. krov 13 no. 1 40-41 Ja '68.
- Introducing modern surgical interventions on the ear, I. U. V. Firov, Voen.-med. zhur. no. 12 39-43 D '67.
- Is it possible to conduct bronchoscopy under anesthesia in a polyclinic? G. I. Lukomskii, V. A. Mikhelson, V. A. Paganov, Izv. AN, khir. i anest 12 no. 4 76-79 Ji-Ag '67.
- Laryngotracheitis following intratracheal anesthesia and tracheostomy, A. A. Baidinov, Vest khir. 99 no. 7 121-125 Ji '67.
- Late results of lung resections in tuberculosis, V. P. Shadrin, Sov. med. 30 no. 1 134-135 Ja '68.
- The lung following lobar and segmental resections, A. V. Gritsina, I. U. B. Al'tabulov, Grud. khir. 10 no. 1 85-93 Ja-F '68.
- Morphology of the carotid glands in bronchial asthma in the light of indications to glectomy, I. U. S. Gilevich, N. G. Gorkov, G. M. Nikulin, Vest khir. 99 no. 7 61-64 Ji '67.
- Organization of fluoroscopic examination, L. N. Nogdanov, Probl. tub. 45 no. 8 10-12 '67.
- Organization of the treatment of primarily detected forms of pulmonary tuberculosis without destruction, I. A. D. Katsian, Probl. tub. 45 no. 8 12-14 '67.
- Pathogenesis of round shadows in the lungs, L. A. Vinnik and others, Probl. tub. 45 no. 8 85-86 '67.
- Pearlman injuries of the chest, V. I. Serga, E. N. Krysh, Klin khir. no. 5 9-11 My '67.
- Petrovskii, B. V., N. N. Kanashin, and N. O. Nikolayev. [Surgery on the diaphragm] Khirurgia diaphragmy [Leningrad] "Meditsina," 1966, 335 p. (DNLN)
- Possibility of prolonged monopulmonary and bilobar ventilation in restorative operation on the trachea and bronchi, F. F. Amirov, G. N. Gimmel'farb, Eksp. khir. i anest 12 no. 4 87-91 Ji-Ag '67.
- Prevention of complications following plastic and reconstructive operations on the bronchi, I. A. Maksimov, V. V. Rodionov, V. I. Shevelov, Vest khir. 99 no. 7 130-133 Ji '67.
- Problems of successive observation of servicemen susceptible to contracting tuberculosis, V. M. Garbuz, Voen.-med. zhur. no. 12 74 D '67.
- Prolonged electrostimulating therapy in pulmonary tuberculosis in man, H. Matsueda, Probl. tub. 45 no. 8 41-44 '67.
- Pulmonary lipoma, M. I. Kukoleva, O. G. Khasen Vest khir. 99 no. 7 139-139 Ji '67.
- Pulmonary polycystosis, R. S. Avoboldz, I. A. L. Anany, Grud. khir. 10 no. 1 101-103 Ja-F '68.
- Pulmonary resection with the use of plasma-substituting solutions in patients with tuberculosis of the lungs, N. S. Pilipchuk, V. I. Gorgol, Grud. khir. 10 no. 1 112-116 Ja-F '68.
- Rare case of tuberculous of the tongue in a patient with tuberculosis bronchadenitis, B. E. Cholak, Probl. tub. 45 no. 8 80-90 '67.
- Reflex vascular reaction of nasal mucosa in divers, I. N. Nikiforov, Voen.-med. zhur. no. 1 70-73 Ja '68.
- Significance of large-photograph fluorography in X-ray diagnosis of pulmonary cancer, N. N. Ogurtsov, Sov. med. 36 no. 1 33-36 Ja '68.
- Significance of lateral tomography in tuberculosis of the lateral lobe of the lungs, G. I. Nisan, V. S.

- Effect of sunbath on the blood supply of the small intestine. S. I. Voitschikov. *Trudy Len. inst. epid. i mikrobiol.* 12 no. 11:85-88 N '67.
- Effect of synthetic analog of pantoic acid (vitamin B₅) on the blood supply of the small intestine. S. I. Voitschikov. *Trudy Len. inst. epid. i mikrobiol.* 12 no. 11:89-92 N '67.
- Effect of the external environment on the survival of enteropathogenic *Escherichia coli*. A. P. Krupina. *Trudy Len. inst. epid. i mikrobiol.* 32 no. 12 '67.
- Fremin, V. U.** [Treatment of chronic inflammatory diseases of the liver and biliary tract at the Truskavets Health Resort] *Lechenie bol'nykh s khronicheskimi vospalitel'nymi zabolevaniami pecheni i zhelchnykh putei na kurorte Truskavets 3-e, ispr. 12d Kiev, "Zdorovia," 1966 42 p. (Kurorty) (DNLN)*
- Escherichia coli*, their biological properties and distribution in the environment, a review of the literature. A. P. Krupina. *Trudy Len. inst. epid. i mikrobiol.* 32 no. 12 '67.
- Etiological characteristics of angiocholecystitis. A. A. Zefirova. *Azerb. med. zhur.* 14 no. 12:19-24 D '67.
- Estimating the hemodynamic effect of the injection method of investigating the blood supply of the stomach. B. K. Druzhkov. *Khirurgiya* 43 no. 12:62-66 D '67.
- Evolution of the activity of lipase in contents of the duodenum. V. V. Vorob'ev. *Lab. delo* no. 1:17-18 '68.
- External secretory function of the pancreas in dumping syndrome following Billroth's resection of the stomach. III V. Ognev. *Vop. pit.* 26 no. 3:44-42 My-Je '67.
- Functional changes in the gastrointestinal tract of new recruits. L. V. Tutin. *Voen.-med. zhur.* no. 12:69 D '67.
- Gastric angiofibroma. L. N. Rafanovna, Z. L. Korutshas. *Sov. med.* 30 no. 1:135-136 Ja '68.
- Gastric cancer in a 10-year-old child. IU. A. Akimov, G. A. Fominykh. *Vop. onk.* 14 no. 1:75-76 '68.
- Gastric cancer in children: two cases. N. Kh. Sirenko, F. P. Papis. *Vop. onk.* 14 no. 1:73-74 '68.
- Glucocorticoid function of the adrenal cortex in some primary lesions of the liver. V. D. Aglenko. *Probl. endok.* 13 no. 6:23-26 N-D '67.
- Hemangiopericytoma of the stomach: single case. I. A. Golubovich, E. F. Lushnikov. *Vop. onk.* 14 no. 1:76-78 '68.
- Hepatic enzymes in the blood serum during various forms of Botkin's disease in children. D. M. Biaginskii, I. V. Shakhgildian. *Sov. med.* 30 no. 1:46-51 Ja '68.
- Hernias of the ischiadic foramen. A. A. Ishchenko, S. I. Bartko. *Klin. khir.* no. 11:44-46 N '67.
- Histochemical study of hepatic enzymes in man in chronic hepatitis and cirrhosis. V. B. Zolotarevskii, S. D. Polymova, T. A. Iatsykhina. *Aikh. pat.* 20 no. 12:62-67 '67.
- Hypoglycemia in extrapancreatic tumors. A. P. Kalinin, E. G. Veinberg. *Khirurgiya* 43 no. 11:88-89 N '67.
- Illeocecal anastomosis in colectomy for ulcerative colitis. I. Knobloch, J. Novak. *Khirurgiya* 43 no. 12:67-72 D '67.
- Immediate and late results of the ileocecal section of the intestine. S. P. Vilesov, A. G. Sergeev. *Klin. khir.* no. 11:63-64 N '67.
- Impotence in diabetes mellitus. V. M. Prikozhan. *Probl. endok.* 13 no. 6:37-41 N-D '67.
- Indication for intra-abdominal resection of the rectum in cancer. A. D. Gorny. *Klin. khir.* no. 11:58-60 N '67.
- Insulin-inactivating capacity of the liver in rats in some forms of experimental hepatic pathology. I. A. Pashechenskaya. *Probl. endok.* 14 no. 1:101-104 Ja-F '68.
- Invasion of the vermiform process. R. I. Isfandiilov, D. D. Dobrov. *Vest. khir.* 99 no. 7:140 JI '67.
- Level of serum iron in preschool children as related to the degree of vitamin C supply. L. A. Chigarina. *Vop. pit.* 26 no. 2:81-83 Mr-Apr '67.
- Level of the somatotrophic hormone in the blood serum in diabetic ketoacidosis. G. S. Zefirova, Z. I. Levitskaya. *Trudy TSU* 104:189-192 '67.
- Luteal hernias. G. A. Izmailov. *Klin. khir.* no. 11:45-46 N '67.
- Modification of radical surgery in inguinal hernias. V. I. Levi. *Klin. khir.* no. 11:46-49 N '67.
- Modifications in methods of determining thymol sedimentation with the aid of a calibration instrument. IU. A. Kechev, Zh. S. Badalan. *Lab. delo* no. 12:752-753 My '67.
- Mucocoele of the vermiform process together with acute appendicitis. N. M. Kravets. *Klin. khir.* no. 11:64-65 N '67.
- Multiple abscesses of the liver. N. N. Veprikov. *Vest. khir.* 99 no. 7:139-140 JI '67.
- Partial study of megakaryocytes of the bone marrow in esophageal and gastric cancer. B. S. Ankin. *Lab. delo* no. 1:11-13 '68.
- Pathogenesis of the dumping syndrome following gastrectomy. I. A. Frankfurt. *Khirurgiya* 43 no. 12:47-51 D '67.
- Primary cancer of the vermiform process. G. A. Izmailov, V. M. Zybin. *Klin. khir.* no. 11:60 N '67.
- Radical surgical treatment of cancer of the large and small intestine in a district hospital. P. V. Kozlov. *Klin. khir.* no. 11:60-62 N '67.
- Rare case of tuberculosis of the tongue in a patient with tuberculosis bronchodentitis. B. L. Chul'nik. *Probl. endok.* 14 no. 6:89-90 '67.
- Recovery of animals following a prolonged course of diuretic diabetes. IA. A. Lazarev, D. M. Biaginskii. *Probl. endok.* 14 no. 1:91-92 N '68.
- Recurrent formation of a jejunal peptic ulcer during a short period of time. V. P. Spivak, IA. A. Lazarev. *Klin. khir.* no. 11:63-64 N '67.
- Regularity of metastatic spreading of Brown-Pearson tumor in its localization into the venous and lymphatic apparatus of liver, spleen, and kidney. P. I. Agapov. *Fkaper. khir.* 12 no. 1:32-34 N '67.
- Relationship between the indexes of ascorbic acid in the blood plasma and its utilization in the body with urine. L. I. Geller, R. S. Ostrovskaya, I. I. Biaginskaya. *Vop. pit.* 26 no. 3:87-90 My-Je '67.
- Removal of postburn structure from the skin. S. P. Amelina, A. G. Hrychenko. *Vest. khir.* 99 no. 7:141 JI '67.
- Restoration of esophageal permeability in cancer patients. A. A. Shalin. *Sov. med.* 30 no. 1:128-130 Ja '68.
- Results of a discussion on resection of the stomach in gastrojejunoplasty. *Khirurgiya* 43 no. 12:131-132 D '67.
- Role of different types of *Clostridium perfringens* in alimentary poisonings, a review of the literature. V. I. Vitvitskii. *Trudy Len. inst. epid. i mikrobiol.* 12 no. 1:131 '67.
- Role of hemodynamic changes in pathogenesis of the syndrome. A. V. Nikolaev. *Khirurgiya* 43 no. 1:131-132 D '67.
- Role of the somatotrophic hormone in the inhibition of growth in children with diabetes mellitus complicated with Mania's syndrome. Z. I. Levitskaya, G. S. Zefirova. *Trudy TSU* 104:184-188 '67.
- Rupture of aortic aneurysm into the esophagus. A. V. Krasovskii, R. A. Usov, I. I. Ivanova. *Vest. khir.* 99 no. 7:135-136 JI '67.
- Set of instruments for resection of the esophagus and the methodology of its use. T. T. Dymov. *Med. tekhn.* 1 no. 3:58-59 My-Je '67.
- Significance of compound examination of pancreatic enzymes in acute surgical diseases of abdominal cavity. S. I. Rybakov. *Klin. khir.* no. 11:15-16 N '67.
- Significance of studying the pancreatic juice in cases of the pancreas. I. T. Abusov. *Vop. onk.* 14 no. 1:12-13 '68.
- Significance of the precipitation in gel reactions in the diagnosis of atypical and subclinical forms of Botkin's disease. I. G. Shilenko, R. A. Bolonova, R. M. Bolonova. *Trudy TSU* 104:189-192 '67.
- Some changes in the skin in children with diabetes mellitus. N. A. Matveeva, G. I. Bogdanov, I. I. Usov. *Vest. khir.* 99 no. 7:135-136 JI '67.
- Some characterization of the etiological structure of intestinal infection in one of the districts of the USSR. Railroad, S. M. Sosonko, I. A. Kolenkova. *Trudy TSU* 104:189-192 '67.
- Some errors in diagnosing intra-abdominal hemorrhage following an appendectomy. S. V. Fedko. *Klin. khir.* no. 11:51-55 N '67.
- Some morphological substantiations for extending esophageal resections in cancer. L. A. Cherkashnik, S. I. Baidukov. *Klin. khir.* no. 11:58-60 N '67.
- Some problems of medical expertise of the esophagus in work and job placement of patients with diabetes mellitus. A. A. Gadzhiev. *Trudy TSU* 104:189-192 '67.
- Sources of infection in Botkin's disease. V. P. Ivanov. *Voen.-med. zhur.* no. 12:70-71 D '67.
- State of electrolyte metabolism in gastric and duodenal ulcers before and following conservative treatment. A. G. Askerov. *Azerb. med. zhur.* 14 no. 1:14-15 Ja '68.
- Surgical biopsy of the liver and pancreas in cholelithiasis in patients with diabetes mellitus. I. G. Sumin, M. A. Zhuravleva. *Fkaper. khir.* 12 no. 1:35-36 N '67.
- Surgical tactics in esophageobronchial and esophagogastric fistulas. V. K. Krasovitskii. *Klin. khir.* no. 11:21 My '67.
- Surgical techniques in acute gastrointestinal hemorrhage. G. M. Gurevich, A. S. Gubenko. *Khirurgiya* 43 no. 12:38-42 D '67.

6.5.3 (Continued)

Surgical treatment of diseases of the large intestine. N. I. Vakhov, G. F. Seleznev. Khirurgia 43 no. 11-94-99 N '67.

Surgical treatment of primary cancer of the liver. S. Z. Ipatov, L. P. Samakina. Khirurgia 43 no. 12 86-88 D '67.

Surgical treatment of some congenital defects in development of the large intestine. N. I. Kashch. Klin.khir. no. 11 36-40 N '67.

Surgery for sliding hernia of the large intestine. I. A. Leureka, A. V. Blyashenko. Klin.khir. no. 11 10-13 N '67.

Transcatheter wounds of the liver in peace time. I. I. Zadorov, G. A. Pokrovskii, V. S. Durnev. Khirurgia 43 no. 12-72-76 D '67.

Transcatheter cholangiography in surgery on the bile ducts. L. M. Shor. Khirurgia 43 no. 11 70-75 N '67.

Transcatheter infusion of contrast and medicinal substances in the diagnosis and treatment of surgical diseases of the liver. G. E. Ostrovskikh and others. Khirurgia 43 no. 11-65-70 N '67.

Treatment of prolapse of the rectum in children. V. A. Gulin. Klin.khir. no. 12 63-66 D '67.

Two cases of acute appendicitis combined with acute diverticulitis. V. P. Volkov. Voen.-med zhur. no. 12 57 D '67.

Uncoupling of oxidative phosphorylation process in mitochondria of the heart and liver of rats following vitamin D poisoning. L. P. Shekhteyna. Vop.pit. 26 no. 2 33-47 Mr.-Ap '67.

Use of cyron mesh in plastic surgery for recurrent and postoperative hernias. V. M. Sapozhnikov, G. F. Falutsa. Klin.khir. no. 12 22-23 D '67.

Use of lydase in compound treatment of diabetes mellitus. E. A. Vasnikova, I. D. Sachkova. Trudy TSU 101 177-183 '67.

Use of modified Noble's operation in adhesions. V. S. Bazherov, I. G. Nepokoinitski. Khirurgia 43 no. 11 105-107 N '67.

Use of a new gastrostomical tube for patients with gastroenteric insufficiency. N. D. Lapina. Klin.khir. no. 11 75-78 N '67.

Using animal livers in hepatic insufficiency in a patient with hemorrhage from esophageal veins. B. A. Petrov and others. Khirurgia 43 no. 12-81-85 D '67.

Vasilev, A. A. [Clinical aspects and surgical treatment of nonspecific ulcerous colitis] Klinika i khirurgicheskoe lechenie nespecificeskogo razvennogo kolita. Moskva, Meditsina, 1967 214 p (DNL.M)

Vitamin B12 content and protein composition of blood serum in patients with postgastroectomy syndrome. I. A. Gonorovich, S. P. Markin, L. V. Llagina. Khirurgia 43 no. 12-56-62 D '67.

Water-borne and alimentary outbreaks of epidemic hepatitis, a review of foreign literature. I. U. P. Solodovnikov, V. P. Padalkin, I. V. Balandinskaya, Zher. mikrobiol., epid i immunit. 41 no. 12 60-72 D '67.

016. 3(477)—Ukrainian S. S. R.

Achievements in surgical treatment of malignant esophageal tumors in the Ukraine during the years of Soviet power. A. A. Shchukov, A. G. Vinnichenko, P. I. Kuchukenko. Klin.khir. no. 12-1-6 D '67.

Pages from the history of the knowledge about acute appendicitis in the Ukraine in the years of Soviet power. N. N. Milestianov. Klin.khir. no. 11 17-21 N '67.

016. 3(479. 24)—Azerbaijani S. S. R.

Unsolved problems of the etiology and pathogenesis of lesions of the hepatolenticular system under conditions of Azerbaijan. M. R. Nazirov. Azerb.med.zhur. 44 no. 12 3-10 D '67.

616.4 ENDOCRINE, LYMPHATIC, ENDOCRINE SYSTEMS

Balinskii-Tsiblich syndrome in tuberculosis of the hypophysis in a patient with hypertension. I. B. Zukakova. Trudy TSU 101 137-39 Ja-F '68.

Blood glycoproteins in myxedema following prolonged replacement hormone therapy. V. P. Klyachko, M. A. Samokhailova. Probl.endok. 11 no. 1-31-36 Ja-F '68.

Carcinoid of the rectum with metastases into retrocecal lymph nodes. I. K. Seleznev, I. G. Puchkov. Vop.onk. 14 no. 1 78-80 '68.

Case of aldosteronoma. P. A. Sazhenin. Probl.endok. 13 no. 6 53-54 N-D '67.

Case of primary myxedema accompanied by autoimmune disorders and successfully treated with thyroidin combined with prednisolone. K. A. Sidov, G. P. Gurina. Probl.endok. 14 no. 1 51-52 Ja-F '68.

Changes in the biological activity of the brain in intact and adrenalectomized rats following introduction of hydrocortisone and DOCA and in stress reaction. N. M. Klayshenko. Probl.endok. 14 no. 1 62-68 Ja-F '68.

Changes in the content of some enzymes in the blood serum in thyrotoxicosis. Probl.endok. 13 no. 6 9-12 N-D '67.

Changes in the function of the anterior lobe of the hypophysis in the early stages of shock resulting from experimental crushing of soft tissues. G. S. Mazurkevich. Pat.fiziol. i okup. 11 no. 5:84-85 S-O '67.

Characteristics of the neurosecretory function of the hypothalamus in clinical death and resuscitation. I. E. D. Hentis. Fiziol.zhur.[Ukr.] 11 no. 1 30-36 Ja-F '68.

Clinical and experimental substantiation of the contraindications for the removal of an "impacted" spleen. S. A. Boikov, S. A. Berzin. Khirurgia 43 no. 11 89-94 N '67.

Clinical aspects and diagnosis of tuberculous mesadenitis in children under antibacterial therapy. G. M. Slutskaya, T. I. Kameneva. Probl.tub. 45 no. 8 27-30 '67.

Clinical aspects and treatment of rare malignant tumors of the thyroid gland. I. I. Neimant, V. M. Timoshnikov. Probl.endok. 13 no. 6 15-20 N-D '67.

Clinicoimmunological changes in thyrotoxicosis before and after surgery. I. Simonov, N. A. Maktumova. Probl.endok. 14 no. 1 31-33 Ja-F '68.

Combination of myxedema and diabetes mellitus. V. R. Khachko, R. M. Khachkina. Trudy TSU 104 139-147 '67.

Complication of thyrotoxicosis by dystrophic emphysema of the liver and perforation of the stomach wall. V. P. Zoln. Vest.khir. 99 no. 7 133-134 Ji '67.

Content of lipoproteins and blood protein fractions in myxedema following triiodothyronine therapy. V. R. Khachko, M. Sh. Saigaliev. Trudy TSU 101 121-132 '67.

Content of 17-ketosteroids, dehydroepiandrosterone and 17-hydroxycorticosteroids in the diurnal urine of patients with the chronic form of toxoplasmosis. L. M. Petrusuk. Probl.endok. 13 no. 6 16-51 N-D '67.

Content of somatotrophic hormone in the blood serum of patients with cerebriophyophysial nanism and its dynamics during the treatment with anabolic steroids. N. A. Zarubina, M. I. Balabolin. Probl.endok. 13 no. 6 44-48 N-D '67.

Content of the lipomobilizing factor of the hypophysis in experimental hypercholesterolemia in rabbits. L. A. Lushnikov. Probl.endok. 14 no. 1 79-83 Ja-F '68.

Contractile function of the myocardium in thyrotoxicosis based on polyangiographic data. K. F. Selivanova, V. F. Kubyshkin. Probl.endok. 14 no. 1 39-43 Ja-F '68.

Correlation between the excretion of adrenocortical hormones and electrolytes with the urine. I. G. Gurina. Trudy TSU 104 57-62 '67.

Correlation of data of direct and indirect calorimetry during recovery from hypocalcemia in healthy rabbits and in experimental hypothyroidism. G. I. Medvedeva. Probl.endok. 14 no. 1 105-110 Ja-F '68.

Correlation of protein synthesis and disintegration in the myocardium in rabbits in experimental thyrotoxicosis. O. B. Sviridina, A. I. Kandori. Probl.endok. 14 no. 1 83-87 Ja-F '68.

Cortical metabolites in primary myxedema. N. T. Starikova and others. Probl.endok. 13 no. 6 1-5 N-D '67.

Diabetes insipidus caused by lipoid reticulosis, Hand-Schüller-Christian disease. G. S. Zefirova and others. Trudy TSU 104 209-216 '67.

Diagnosis and treatment of Itsenko-Cushing disease. E. A. Vasnikova, A. K. Dobzhanskaya. Trudy TSU 101 5-22 '67.

Diagnosis of goiter in the lateral accessory thyroid gland. N. P. Pampulis, L. A. Shafin. Probl.endok. 13 no. 6 52-53 N-D '67.

Disorders of the menstrual cycle in Itsenko-Cushing disease. V. F. Shakhnovskaya. Trudy TSU 101 83-87 '67.

Effect of aldosterone on sodium and potassium metabolism in toxic goiter. V. I. Zaslavskaya. Trudy TSU 104 102-111 '67.

Effect of bilateral adrenalectomy on the mental state of patients with Itsenko-Cushing disease. A. K. Dobzhanskaya. Trudy TSU 104 65-76 '67.

Effect of copper on the condition of the thyroid gland in white rats, suffering from iodine deficiency fed basically on carbohydrates. E. B. Demko. Vop.pit. 26 no. 2 42-47 Mr.-Ap '67.

Effect of subtotal thyroidectomy on the development of thyroid tumors in rats under the influence of 6-methylthiourea. E. A. Iid. Probl.endok. 14 no. 1 87-90 Ja-F '68.

Effect of surgical treatment of Itsenko-Cushing disease on concomitant psychic disorders. A. K. Dobzhanskaya, A. P. Kalinin, G. G. Rigmant. Probl.endok. 14 no. 1 8-11 Ja-F '68.

Effect of sympathetic impulses on intrathyroid hormoneogenesis under conditions of weakened thyrotropic function of the hypophysis. B. V. Aleshin, S. I. Chuprinova. Probl.endok. 13 no. 6 63-67 N-D '67.

Effect of the introduction of hydrocortisone on the content of catechol amines in the brain of rats under stress. V. G. Shalagina. Probl.endok. 13 no. 6 102-105 N-D '67.

Effect of the reactivity of the adrenal cortex on the course and outcome of experimental radiation sickness. V. P. Fedotov, B. B. Moizov, A. D. Dubrovina. Probl.endok. 14 no. 1 68-72 Ja-F '68.

Estrogen metabolism in adenoma of the prostate gland. A. S. Portnoi. Vop.onk. 14 no. 1 24-31 '68.

Evaluation of present and potential reserves of the adrenal cortex following a 3-day stimulation with ACTH-zinc phosphate in patients with toxic goiter of a medium or grave form. M. V. Konareva. Trudy TSU 104 118-123 '67.

Evaluation of the functional state of the sympathoadrenal system based on the excretion of dopamine and DOFA with the urine. F. Sh. Matlina and others. Probl.endok. 14 no. 1 15-19 Ja-F '68.

Examination of the functional state of the thyroid gland by means of all-body radiometry in seborrhea and alopecia seborrheica. V. I. Fulagin, D. G. Palnik. Zh. Sov.med. 30 no. 119-22 Ja '68.

Excretion of aldosterone with the urine in diffuse toxic goiter before and following surgical treatment. V. I. Lushnikov. Trudy TSU 104 142-147 '67.

Pancos's syndrome in adults, differential diagnosis of hyperparathyroidism. G. S. Zefirova, G. M. Mitrova. Trudy TSU 104 229-231 '67.

Function of the adrenal cortex in acute disorders of cerebral blood circulation. F. M. Butskov. Zh. nevrol. i psikh. 68 no. 1 30-36 '68.

Function of the adrenal cortex in the treatment of acute cerebrovascular trauma with ganglionic blocking preparations. I. U. P. Andriyagin. Otop. i travm. i prot. 28 no. 12 12-15 D '67.

Functional condition of the adrenal cortex in ship specialists subjected to influence of the ultrahigh frequency field. B. G. Adamashev, I. M. Surov. Voen.-med zhur. no. 1 71-74 Ja '68.

Glucocorticoid and mineral corticoid function of the adrenal glands in toxic goiter. E. A. Vasnikova, V. I. Lushnikov, M. G. Ryndina. Trudy TSU 104 95-101 '67.

Glucocorticoid function of the adrenal cortex in some primary lesions of the liver. V. D. Agapenko. Probl.endok. 13 no. 6 23-26 N-D '67.

Hemopathies and collagenoses. Report No. 3: Mechanisms of the origin of autoimmune agglutinations, collagenoses and systemic hemopathies. M. S. Dalt'son, A. A. Sigidan. Probl.gemat. i patol.fiziol. 11 no. 1 3-11 Ja '68.

Histomorphological changes in arterial vessels and nerve ganglia in experimental hyperfunction of the adrenal cortex. F. M. Mikh-Silimov, A. R. Atabishov, Sh. A. Sarukhanov. Azerb.med.zhur. 44 no. 12 24-28 D '67.

Hypertrophic changes in thyrotoxicosis. A. R. Zlatkina, M. A. Balchikova. Probl.endok. 11 no. 1 28-30 Ja-F '68.

In vitro use of iodized preparations of triiodothyronine and thyroxine for the determination of the hormonal activity of the thyroid gland. V. K. Medvedev, A. T. Tsygankov. Probl.endok. 13 no. 6 5-8 N-D '67.

Indices of acetylcholinesterase in patients with thyrotoxic and euthyroid goiter. M. D. Podil'chat, V. I. Shokhin. Probl.endok. 13 no. 6 11-15 N-D '67.

Individual composition of corticosteroids in feces, glucocorticoid and sulfate fractions of the urine in Itsenko-Cushing disease. N. D. Naryzhnik. Probl.endok. 11 no. 1 5-8 Ja-F '68.

Infectious genesis of Itsenko-Cushing disease. E. A. Vasnikova and others. Trudy TSU 104 24-33 '67.

Injection device for lymphangiography. A. A. Stengrovits. Med.tekh. 1 no. 3 46-48 My-Je '67.

Interrelationship of blood hormonal iodine and radioactivity of thyroid tissue in diffuse toxic goiter. A. M. Bykhovskaya. Probl.endok. 13 no. 6 20-23 N-D '67.

Largine's struma. V. A. Odinkova, A. P. Kalinin, V. R. Zaitants. Akh.pat. 29 no. 12 40-44 '67.

Late results of the study of the bioelectric activity of the brain in myxedema following treatment with thyroxine and triiodothyronine. V. R. Klyachko, A. K. Dobzhanskaya, G. M. Irenko. Trudy TSU 101 131-138 '67.

Mental disorders in Itsenko-Cushing disease and some problems of their pathogenesis and treatment. A. K. Dobzhanskaya. Trudy TSU 101 57-64 '67.

Morphology of the carotid glands in bronchial asthma in the light of indications to glectomy. I. P. S. Givchik, N. G. Gorkov, G. M. Nikulin. Vest.khir. 99 no. 7 61-64 Ji '67.

Partial study of megakaryocytes of the bone marrow in esophageal and gastric cancer. B. S. Anikin, I. ab delo no. 1 11-13 '68.

Pathomorphological changes in the hypothalamus-hypophysal system in rats under the effect of blood serum of schizophrenics. F. L. Geiber, M. B. Nikolaeva. Zh. nevrol. i psikh. 68 no. 1 90-95 '68.

Phaeochromoblastoma. A. V. Braun and others. Probl.endok. 14 no. 1 49-51 Ja-F '68.

Recovery of a patient with hyperparathyroidism following removal of an adenoma from the epithelial body. B. A. Vityn, N. F. Kornilova. Khirurgia 43 no. 12 93-94 D '67.

Role of the central nervous system in the regulation of the diurnal rhythm of adrenocortical hormones in Itsenko-Cushing disease and corticosteromas. E. A. Vaslukova and others. Trudy TSU 104 34-47 '67.

Sexual system in women with corticosteromas. V. I. Kertman, V. F. Shakhnovskaya. Trudy TSU 104 224-228 '67.

Significance of some biochemical methodologies for diagnosis of humoral lipid disorders in coronary atherosclerosis. L. G. Fomina. Kardiologia 7 no. 11 124-130 N '67.

Some characteristics of the diagnosis and surgical treatment of echinococcosis of the thyroid gland. B. V. Anikandov. Klin.khir. no. 5 61-63 My '67.

Some indices of collagen and mucopolysaccharide metabolism in primary myxedema following triiodothyronine treatment. G. S. Kisti, V. R. Klyachko, T. N. Kanaeva. Probl.endok. 11 no. 1 44-48 Ja-F '68.

Some indices of protein metabolism in surgical treatment of goiter. S. S. Fedotov. Vest.khir. 99 no. 7 61-68 Ji '67.

- Some indices of the effectiveness of treatment in Itsenko-Cushing disease. I. G. Gur'eva, L. V. Pavlikhina, G. A. Kazanskaya. Trudy TSU 104 48-56 '67.
- Some indices of the function of the adrenal cortex in Itsenko-Cushing disease and tumors of the adrenal cortex. F. I. Marova. Probl endok 14 no 11-5 Ja '67.
- Some problems in the clinical aspects and treatment of Sheehan's syndrome. L. S. Lanetskaia, A. S. Tolstikh, N. M. Stepanova. Probl endok 14 no 11-15 Ja '67.
- Some problems of the clinical aspects and treatment of retrosternal goiter. I. K. Akhmedov, N. S. Androsov. Probl endok 14 no 12-28 Ja '67.
- Some problems of the diagnosis, clinical aspects, and treatment of Addison's disease. G. P. Shul'tsev, G. V. Shvetkin. Trudy TSU 104 88-94 '67.
- State of the adrenocortical function of the hypophysis and adrenal cortex in experimental immobilization and fracture. V. M. Gordinenko. Otop, travm i protez 28 no 12 42-47 D '67.
- Surgical biopsy of the liver and pancreas in cholelithiasis in patients with diabetes mellitus. I. G. Susman, M. V. Zhuravleva. Eksp. khir. i anest 12 no 4-25-26, 31-Ag '67.
- Syndrome of periodical paralysis in hyperaldosteronism. N. A. Il'ina. Sov. med 30 no 19-13 Ja '68.
- Tuberculosis of the thyroid gland. P. V. Popov. Probl tub 45 no 8 91-92 '67.
- Tumorlike tuberculosis of parathyroid and nasopharyngeal tonsils. F. I. Chumakov, E. A. Paramonova. Probl tub 15 no 8 90-91 '67.
- Tumors and tumorlike formations of the thymus gland. A. K. Agcev, O. A. Ientser. Arkh pit 29 no 12 41-51 '67.
- Use of anorexic preparations. L. N. Anosova, N. D. Migal. Trudy TSU 104 233-239 '67.
- Use of radioactive iodine and thyroid hormones for the treatment of far-progressed stages of thyroid cancer. E. P. Lun'kova. Probl endok 13 no 6 100-114 N-D '67.
- Vector- and electrocardiographic indices in toxic goiter following subtotalectomy. R. Sh. Epstein. Probl endok 14 no 120-24 Ja '67.
- 616.4(211)—Cold frigid regions**
- Tuberculosis of the peripheral lymph nodes in young people in the north. V. D. Shevchenko. Voen.-med zhur, no 12 74 D '67.
- 616.4(471.56)—Orenburg Province**
- Sulfates in the drinking water of goiter foci of Orenburg Province. V. I. Zak. Probl endok 13 no 6 41-44 N-D '67.
- 616.5 DERMATOLOGY**
- Accelerated regimen of chamber disinfection in dermatomycoses. V. E. Prave, T. N. Ol'khovskaya. Vest. derm. i ven 41 no 8 59-61 Ag '67.
- Achievements of Soviet scientists in the study of pyodermitis. S. E. Gorbovskii. Vest. derm. i ven 41 no 8 14-19 Ag '67.
- Books and brochures on dermatology and venereology published during the second half of 1966. V. A. Novoskii. Vest. derm. i ven 41 no 8 52-54 Ag '67.
- Bowen's disease on the mucous membrane of the oral cavity and on the red border of the lips. A. L. Maschikleson. Vest. derm. i ven 41 no 8 34-39 Ag '67.
- Case of Brooke's ichthyosiform erythroderma, under observation during 10 years. N. T. Bykova, I. U. A. Rodin. Vest. derm. i ven 41 no 8 84-85 Ag '67.
- Congenital arteriovenous aneurysms of the teguments of the head. G. I. Volkov, V. V. Vostroknutov. Klin. khir, no 5 56-58 My '67.
- Content of iron in biological media in psoriasis. I. I. Pototskii, I. N. Lashenko. Vest. derm. i ven 41 no 8 44-47 Ag '67.
- Cysticercosis of the skin. A. A. Levkov, E. D. Timofeeva. Vest. derm. i ven 41 no 8 76-79 Ag '67.
- Examination of the functional state of the thyroid gland by means of all-body radiometry in seborrhea and alopecia seborrheica. V. I. Kulagin, D. G. Palinkash. Sov. med 30 no 119-22 Ja '68.
- Experience in flagyl treatment of trichomoniasis of the genitourinary organs in males. M. M. Dadash-Zade. Vest. derm. i ven 41 no 8 87-89 Ag '67.
- Experience in using interferonogen IVS for the treatment of viral and other dermatoses. I. U. A. Ashmaev and others. Trudy Inst. polim. i virus. entsef. AMN SSSR 10 69-73 '67.
- Experience in using 6-mercaptopurine in psoriasis under outpatient conditions. I. U. K. Sprukin and others. Sov. med 30 no 1214-117 Ja '68.
- Four cases of Wegener's gangrenous granuloma. A. I. A. Pichopchuk, S. A. Eremenko. Dokl. AN BSSR 11 no 10: 942-946 O '67.
- History of the All-Union Scientific Medical Dermatovenereological Society. A. A. Studitsin, N. M. Turanov, A. A. Kalamkarian. Vest. derm. i ven 41 no 8 13-15 Ag '67.
- In memory of Lev Karlovich Unovich. Vest. derm. i ven 41 no 8 95 Ag '67.
- Inflammatory tumors of the skin. M. S. Platigorskaya, I. G. Nazarenko. Klin. khir. no 11 27-30 N '67.
- Kartamyshchev, A. I., and L. I. Zakharova. [Dermatoses caused by diseases of the vascular wall] Dermatolozh, obshchennye zabolovaniya sosedstvenno stenki Kiev, "Zdorov'ia," 1986 113 p. (Biblioteka prakticheskogo vracha). (DNLM)
- Klisonidazole treatment of trichomoniasis in males. M. E. Bakhchenko. Vest. derm. i ven 41 no 8 86 Ag '67.
- Primary pemphigus focus under the guise of exfoliative cheilitis. V. S. Matveich. Vest. derm. i ven 41 no 8 82-84 Ag '67.
- Professor A. N. Aravitskiy, on his 70th birthday. Vest. derm. i ven 41 no 8 96-91 Ag '67.
- Some changes in the skin in children with diabetes mellitus. N. A. Matveeva, G. I. Rogatkin, I. U. P. Pavlova. Vest. derm. i ven 41 no 8 79-82 Ag '67.
- Some data on the use of Alkalishtskiy mineral waters in compound treatment of epidermophytosis of the feet. M. B. Dolgonosov. Voen.-med. zhur. no 12 71-75 D '67.
- Specific suppression of experimental contact dermatitis by dilute ochlorobenzene. V. A. Ado. Pat. fiziol. i eksp. 11 no 5 75-77 S-O '67.
- State and aspects of development of the theory of allergy in dermatology. M. M. Zhukhatov. Vest. derm. i ven 41 no 8 18-28 Ag '67.
- Study of antinuclear antibodies in scleroderma. N. Sonnichsen and others. Vest. derm. i ven 41 no 8 31-34 Ag '67.
- Treatment of common warts with chloroethyl frezcing. A. S. Zay'atov. Voen.-med. zhur. no 12 73 D '67.
- Treatment of dermatomycosis with griseofulvin-forte in reduced dosage. T. L. Savoleva and others. Vest. derm. i ven 41 no 8 73-75 Ag '67.
- 616.5(471.34)—Volga-Vyatka regions**
- Suddles on the sensitivity to histoplasmin and coccidioidin in the central part of Russia. E. A. Ginzburg and others. Vest. derm. i ven 41 no 8 29-31 Ag '67.
- 616.5(575.1)—Uzbek S. R.**
- Incidence of skin diseases in Andizhan Province. T. T. Tadzhibaev, V. A. Efremova. Vest. derm. i ven 41 no 8 61-64 Ag '67.
- 616.6 UROLOGY**
- Age-related changes in the cavernous bodies of the penis. A. I. Tiukov. Arkh. pat. 29 no 12 28-34 '67.
- Analgesia in adenomectomy of the prostate gland. M. A. Topchievashov, I. M. Gafarov, R. I. U. Salayev. Dokl. AN Azerb. SSR 23 no 4 70-73 '67.
- Arteriolethoracic anastomosis in the transplantation of cadaveric kidney with multiple arteries. N. A. Lopatkin. Urol. i nefr. 32 no 1 53-54 Ja '67.
- Changes in blood coagulation and anticoagulation system in pregnancy nephropathy before and following treatment. Kh. M. Ismailov. Azerb. med. zhur. 44 no 12 10-14 D '67.
- Clinical significance of pretumor diseases of the testicle. I. P. Iunda. Klin. khir. no 11 23-26 N '67.
- Complications in paraneoplastic block. M. I. Petrushevskii, I. I. Kiselev, N. S. Maschenko. Khirurgia 43 no 12 88-90 D '67.
- Content of 17-ketosteroids, dehydroepiandrosterone and 17-hydroxycorticosteroids in the diurnal urine of patients with the chronic form of toxoplasmosis. L. M. Petrenuk. Probl. endok. 13 no 6 48-51 N-D '67.
- Correlation between the excretion of adrenocortical hormones and electrolytes with the urine. I. G. Gur'eva. Trudy TSU 104 77-82 '67.
- Cortisol metabolites in primary myxedema. N. T. Starkova and others. Problemdok. 13 no 6 1-5 N-D '67.
- D. E. Levant, on his 70th birthday. Urol. i nefr. 32 no 1 93 Ja '67.
- Determination of the content of estrone, 17 β -estradiol and estrinol in the urine by means of gas-liquid chromatography. G. A. Pivovarov. Trudy TSU 104 219-223 '67.
- Diagnostic significance of excretory urography in renal tuberculosis. V. M. Perol'man, A. L. Shabad. Urol. i nefr. 32 no 1 14-19 Ja '67.
- Diagnostic value of the examination of urine in patients with tuberculosis of the urogenital system following prolonged antibacterial treatment. A. I. Gafarov, V. P. Osipov. Urol. i nefr. 32 no 1 47-48 Ja '67.
- Ectopia of the mouth of ureter in children. V. V. Gorshkov, A. V. Makarov, I. U. N. Khalov. Urol. i nefr. 32 no 1 58-59 Ja '67.
- Effect of hydrocortisone and noradrenalin on lipemia and albuminemia in experimental nephrotic syndrome. S. M. Leites, N. V. Nikiforova. Pat. fiziol. i eksp. terap. 11 no 5 60-64 S-O '67.
- Ineffective renal circulation in acute pyelonephritis. A. M. Bolno-Issenskiy. Urol. i nefr. 32 no 1 9-13 Ja '67.
- Eshkol, I. M. [Urology] Urologia. Izd. 2-e, ispr. Moskva, "Meditsina," 1966. 293 p. (DNLM)**
- Etrogen metabolism in adenoma of the prostate gland. A. S. Fortin. Vop. onk. 14 no 1-2-3 '68.
- Evaluation of present and potential reserves of the adrenal cortex following a 3-day stimulation with ACTH and phosphoric in patients with toxic goiter of a medium or grave form. M. V. Konareva. Trudy TSU 104 118-123 '67.
- Excretion of aldosterone with the urine in diffuse toxic goiter before and following surgical treatment. V. I. Lesnikova. Trudy TSU 104 112-117 '67.
- Experimental atropia of the urethra. L. P. Kalajda, V. K. Stepanova. Eksp. khir. i anest 12 no 4 16-17 Ji-Ag '67.
- Individual composition of corticosteroids in adren. glucocorticoid and sulfate fractions of the urine in Itsenko-Cushing disease. N. D. Naizhniuk. Probl. endok 14 no 15-8 Ja '68.
- Late results of splenorenal anastomosis in portal hypertension. M. D. Patsiora, I. U. A. Ershov. Khirurgia 43 no 11 59-61 N '67.
- Lieberman, L. L. [Congenital disorders of sexual development, genetics, pathogenesis, and clinical aspects] Vrozhdennye narusheniya polovogo razvitiya, genetika, patogeneza, "Klinika. [Leningrad] "Meditsina," 1966. 230 p. (DNLM)**
- Materials for clinical and pathomorphological characteristics of post-trichomoniasis urethritis. N. S. I. Iskhovitskii. Urol. i nefr. 32 no 1 40-43 Ja '67.
- Metanephroma. O. D. Senushkina. Urol. i nefr. 32 no 1 55 Ja '67.
- Methodology of determining the content of aldosterone in urine. I. V. Kas'lanenko, F. M. Eidel'man. Urol. i nefr. [Ukr.] 14 no 1 135-137 Ja '67.
- Methods of radiolabel diagnosis in studying radiation injuries of the kidneys. M. B. Bagdasaryan. Voen. med. zhur. no 1 50-54 Ja '68.
- Pathogenesis of the necrosis of renal papillae. I. U. A. Pytel'. Urol. i nefr. 32 no 1 3-9 Ja '67.
- Peritoneal dialysis in uremia resulting from transfusion of rhesus-incompatible blood. D. P. Andreev. Probl. gemat. i percl. khir. i 13 no 1 16-49 Ja '68.
- Pleuropneumotomy in patients with cirrhotic pulmonary tuberculosis and diabetes insipidus. N. S. Piliptchuk. Probl. tub. 15 no 8 86-87 '67.
- Postoperative hypocalcemia in children. D. D. Martandze. Urol. i nefr. 32 no 1 27-30 Ja '67.
- Primary bacterial urethritis. I. I. I. I. I. I. I. Urol. i nefr. 32 no 1 43-46 Ja '67.
- Pyelitis-Loputkin's modification of Rivin's nephropexy. N. V. Konstantinovskii. Urol. i nefr. 32 no 1 52-53 Ja '67.
- Racemose angiomata of the kidney. M. F. Trapczakova, V. A. Odinkova. Urol. i nefr. 32 no 1 50-51 Ja '67.
- Renal function in patients with acquired cardiac defects during surgery with artificial blood circulation, hemodialysis and moderate hypothermia. S. N. Tcheshelev. Grud. khir. 10 no 1 38-44 Ja '68.
- Renal leiomyosarcoma. R. F. Tkachuk. Urol. i nefr. 32 no 1 56 Ja '67.
- Repeated ileus of intestinal transplant following enteroplasty on the ureter. Kh. G. Gutkin, V. I. Kuznetsov. Urol. i nefr. 32 no 1 56-57 Ja '67.
- Resection of the kidney in the treatment of nephrocalculosis. Nguyen-tinh-Co, Nguyen-My. Urol. i nefr. 32 no 1 24-27 Ja '67.
- Role of the renal factor in the development of hypertension. I. I. Zaretskii. Urol. i nefr. 32 no 1 60-67 Ja '67.
- Selecting rational methods of treating extraperitoneal rupture of the urinary bladder. M. Mitsamov. Klin. khir. no 11 51-53 N '67.
- Significance of the compound examination method in some renal diseases in children. V. I. Butsov, E. I. Shapiro. Sov. med 30 no 114-18 Ja '68.
- Significant dates and anniversaries in the field of urology. In 1967. Urol. i nefr. 32 no 1 94 Ja '67.
- Spontaneous ruptures of kidney tumors. R. V. I. Ogynova. Khirurgia 43 no 12 81-83 D '67.
- Technique of Brown's urethroplasty with the use of compressing plates. I. A. Kozlov, I. A. Kapek. Eksp. khir. i anest 12 no 4 17-18 Ji-Ag '67.
- Transurethral electroresection in stenosis of the cervix of the urinary bladder and posterior urethra. M. Melnik. Urol. i nefr. 32 no 1 31-34 Ja '67.
- Transurethral electroresection of adenoma of the prostate gland. A. M. Nian'kovskii. Urol. i nefr. 32 no 1 34-40 Ja '67.
- Treatment of acute renal insufficiency caused by poisoning with antifreeze. T. M. Buiarskaya and others. Urol. i nefr. 32 no 1 48-50 Ja '67.
- Virus etiology of the so-called venereal antitoxemic urethritis in males. S. L. Kozin, L. N. Krasikova. Vest. derm. i ven 41 no 8 51-55 Ag '67.
- X-ray anatomical characteristics of the osseointercartilaginous apparatus in Kliffel's syndrome. D. G. Rokhin and others. Arkh. anat., gist. i embr. 53 no 11 16-20 N '67.
- 616.6(438)—Poland**
- 10th Congress of Polish Urologists. A. I. Abramian, L. I. Dunayevskii. Urol. i nefr. 32 no 1 68-69 Ja '67.
- 616.69 SEX LIFE AND DISORDERS**
- Impotence in diabetes mellitus. V. M. Prikozhan. Probl. endok 13 no 6 37-41 N-D '67.

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- Analysis of lethal outcomes in patients with fractures of the proximal portion of the femur treated with conservative methods. N. A. Stetschenko. Ortop., travm i protez. 28 no. 12:27-32 D '67.
- Results of the ribs in fluorographic examinations. G. I. Pavlov, Arkh. anat., gist i embr. 53 no. 11:21-24 N '67.
- Vertebral "trenches" spondylolysis in lumbar osteochondrosis. G. S. Umashov, M. I. Turman, Vest. khir. 99 no. 7:86-90 JI '67.
- Anterior lumbar and lumbosacral spondylolysis. I. I. Tshetlin, Vest. khir. 99 no. 7:88-96 JI '67.
- Anterior and posterior approach to the posterior portions of the bodies of thoracic vertebrae and application to tuberculous spondylitis. K. V. Kornev, Vest. khir. 99 no. 7:11-18 JI '67.
- Cystic lesion in dermatomyositis. O. M. Vinogradova, V. P. Sidorova, Sov. med. 30 no. 12:33-34 Ja '68.
- Cysts of increased fragility of bones in gamma polyestherite. K. S. Pavlova, Ortop., travm i protez. 28 no. 12:81-83 Ja '68.
- Cysts of some complications in metal osteosynthesis. M. I. Matveev, I. I. Gurevich, Vest. khir. 99 no. 7:126-127 JI '67.
- Comparative evaluation of the intensity of reparative processes in osseous tissue in various methods of filling up the defects following experimental necrectomy. B. I. Kozlov, Probl. tub. 15 no. 8:78-83 '67.
- Calculation of the rate of vertebral hemangioma osteomyelitis of the spine. N. K. Dmitriyeva. Klin. khir. no. 5:1-64 M '67.
- Criteria of the evaluation of work capacity and indications for job placement in myopathias. (U. G. Gaponova, Sov. med. 30 no. 1:100-106 Ja '68).
- Diaphyseal fractures of long tubular bones. V. B. Proskura. Ortop., travm i protez. 28 no. 12:23-26 Ja '68.
- Experience in the treatment of open diaphyseal fractures of the shin bone. V. B. Bazov, Ortop., travm i protez. 28 no. 12:19-21 D '67.
- Experience in the use of intravenous anesthesia combined with neuroplegic preparations in surgery on extremities for tuberculous lesions of bones and joints. I. Sh. Elov, Azerb. med. khir. 11 no. 12:36-41 '67.
- Effect of stimulation in spondylitis deformans. I. N. Ikhonov, Voen.-med. zhur. no. 12:72-74 D '67.
- Myositis syndrome in adults, differential diagnosis. G. S. Zefirova, G. G. Muzantsev, Trudy TSU 104:229-244 '67.
- Fluoritis in children. S. I. Gordinov, Ortop., travm i protez. 29 no. 1:10-14 Ja '68.
- Neostigmine (pyridine) as an antidote of nondepolarizing myoelastants. V. A. Isvanov, I. A. Khmelovskiy, S. S. Gurev, Trudy khir. i anest. 12 no. 1:65-68 II-Ag '67.
- How to prevent flatfoot in children. N. Nikiforova, Doshk. zap. 10 no. 3:69-71 '67.
- Intramuscular introduction of depolarizing myoelastants. V. A. Mikhlin and others, Trudy khir. i anest. 12 no. 1:61-64 II-Ag '67.
- Kerley, V. V. [Surgical treatment of pseudarthrosis; intracapsular metal osteosynthesis]. Khirurgicheskoe lechenie lozhnykh sustavov, vnutrichapsulnyy metallicheskiy osteosintez [Leningrad] "Meditsina," 1966. 200 p. (DNL.M)
- As a result of following thoracoplasty in children with congenital funnel chest. N. I. Kondashin, I. A. Bogdanovich, Grud. khir. 10 no. 1:61-67 Ja '68.
- As a result of arthroplasty in treatment of tuberculous arthritis in children. V. D. Vishnevskaya, Probl. tub. 15 no. 8:81-85 '67.
- Changes of movement organs in bucellonitis. J. Procek, V. I. Lichner, Ortop., travm i protez. 28 no. 12:32-37 D '67.
- Method of recording the mechanogram of muscle contractions in man. M. I. Litetskiy, L. P. Guseva, Ortop., travm i protez. 29 no. 1:76-78 Ja '68.
- Morphological changes of a porcupine's needle in the mandibular canal. R. B. Bekiev, Trudy Dush med. inst. 18 no. 4:103-105 '67.
- Morphological grouping and clinic-anatomical comparisons in malignant synoviomias. G. A. Lavnikova, K. V. Danilov-Bek, Arkh. anat., gist i embr. 53 no. 12:34-40 '67.
- Morphology of the callus in intracapsular osteosynthesis with the use of a porcupine needle. R. B. Bekiev, Trudy Dush med. inst. 18 no. 4:106-108 '67.
- Occurrence and practical significance of congenital defects in the posterior arch of atlas. (U. N. Zadorov, Arkh. anat., gist i embr. 53 no. 11:24-28 N '67).
- Osteogenic sarcomas of the soft tissues. Z. V. Golbert, K. V. Danilov-Bek, P. O. Ushakovskaya, Arkh. anat., gist i embr. 53 no. 12:67-70 '67.
- Preceding injuries of the chest. V. I. Serga, E. N. Knysh, Klin. khir. no. 5:9-11 My '67.
- Plastic surgery for defects of the thoracic wall. V. I. Anisimov, Klin. khir. no. 12:24-26 D '67.
- Results of prosthesis application following disarticulation of the hip. M. S. Pavlov, Ortop., travm i protez. 29 no. 1:32-36 Ja '68.
- Results of using angiography in the diagnosis of tumors of soft tissues. G. I. Kuchinskii, I. N. Pavlov, O. N. Kharlev, Ortop., travm i protez. 28 no. 12:37-42 D '67.

- Rupture of the aorta in Marfan's syndrome. V. I. Lipets, V. A. Erhova, Arkh. anat., gist i embr. 53 no. 12:71-76 '67.
- Severe craniofacial trauma, materials of a district hospital. L. Z. Beruchashvili, Voen.-med. zhur. no. 1:33-37 Ja '68.
- Significance of higher shoe heels in the so-called foot insufficiency. I. P. Shulak, T. E. Stetska, (U. P. Afanas'ev, Ortop., travm i protez. 29 no. 1:34-40 Ja '68).
- Significance of proteolytic enzyme inhibitors in treating craniofacial trauma. D. I. Gorshstein, L. U. Nebutova, V. A. Kirlov, Voen.-med. zhur. no. 1:38-40 Ja '68.
- Some characteristics of the temporomandibular joint under normal conditions. X-ray anatomical study. M. A. Timofeyev, Z. B. Mironov, Arkh. anat., gist i embr. 53 no. 11:36-40 N '67.
- Some remarks concerning the article "Controversial problems of the treatment of open diaphyseal fractures." G. G. Abramyan, Ortop., travm i protez. 28 no. 12:48-49 D '67.
- Split for immobilization of fractures of finger phalanges and metacarpal bones. S. S. Aliev, Azerb. med. zhur. 11 no. 12:29-31 D '67.
- State of the adenoventral function of the hypophysis and adrenal cortex in experimental immobilization and fracture. V. M. Gordinov, Ortop., travm i protez. 28 no. 12:12-17 D '67.
- Static flatfoot. A. N. Zhid'tsov, Ortop., travm i protez. 29 no. 1:61-68 Ja '68.
- Study of the histogenesis of experimental rhabdomyosarcoma. L. A. Kutubidze, Sov. AN Gruz. SSR. 17 no. 1:193-196 JI '67.
- Study of the pressure of the amputation stump on the walls of the receiving socket of hip prostheses. V. G. Samin, V. I. Korovin, Ortop., travm i protez. 29 no. 1:37-40 Ja '68.
- Support securing to a cast for sitting in total muscle paralysis. O. V. Nedigalova, Ortop., travm i protez. 29 no. 1:81-83 Ja '68.
- Surgical treatment of neglected traumatic dislocation of the hip. M. A. Lopatina, Vest. khir. 99 no. 7:91-91 JI '67.
- [Surgical treatment of tuberculous] Khirurgicheskoe lechenie tuberkulez. Kiev, "Zdorov'ia," 1966. 150 p. (DNL.M)
- Thoracotomy in differential diagnosis of round intrathoracic focal darkening to be determined by means of X-rays. A. A. Gili and others, Probl. tub. 15 no. 8:88-89 '67.
- Thyroid, Kh. R. Arkhiev, S. N. Magomayev, Arkh. anat., gist i embr. 53 no. 11:40-41 N '67.
- Transplantation of skeletal muscles in animals. R. P. Zhenevskiy, Usp. sov. biol. 65 no. 1:133-143 Ja-I '68.
- Unilateral combined diaphyseal fractures of the femur and shin bones. V. A. Sokolov, P. N. Petrov, Ortop., travm i protez. 28 no. 12:18-22 D '67.
- Using the muscle relaxant condfin in treatment of peri- and intra-articular fractures by the continuous traction method. A. I. Pashechik, P. I. Gorlanskiy, Klin. khir. no. 11:65-68 N '67.
- X-ray anatomical characteristics of the osseointegration apparatus in Klippel-Feiler's syndrome. D. O. Rokhlin and others, Arkh. anat., gist i embr. 53 no. 11:16-20 N '67.

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- Bioelectric activity of the brain in fluorothane anesthesia. I. S. Rabiner, Dkper. khir. i anest. 12 no. 4:80-85 JI-Ag '67.
- Changes in the bioelectric activity of the brain and behavior in rabbits during the formation of a chronic epileptogenic focus in the hippocampus. V. A. Gusev, Pat. fiziol. i eksp. 11 no. 5:69-74 S-O '67.
- Changes in the biological activity of the brain in intact and adrenalectomized rats following introduction of hydrocortisone and DOCA and in stress reaction. N. M. Mulyshenko, Probl. endok. 14 no. 1:62-68 Ja-F '68.
- Changes in the content of pyrocatecholamines of the brain in rats following chronic introduction of amphetamine. A. A. Shtalova, I. I. Shchelkunov, Zhur. nev. i psikh. 68 no. 1:106-111 '68.
- Changes in the electroretinogram caused by photic and X-ray stimulation in various states of the retina. B. N. Savchenko, Nerv. sist. no. 8:97-101 '67.
- Changes in the higher nervous activity and behavior of dogs following suboccipital introduction of ACTH. N. A. Nikolov, Farm. i toks. 30 no. 5:528-530 S-O '67.
- Characteristics of lateral amygdaloid sclerosis in young patients. I. I. Pofas, V. I. Savich, Sov. med. 30 no. 1:82-85 Ja '68.
- Characteristics of neurological symptomatology of chronic DDT poisonings. A. Model', Sov. med. 30 no. 1:110-114 Ja '68.
- Characteristics of temperature and leukocyte reaction in late schizophrenia with presenile psychoses. (U. I. Leonova, Zhur. nev. i psikh. 68 no. 1:77-82 '68).
- Characteristics of the neurosecretory function of the hypothalamus in clinical death and resuscitation. (U. D. Denis, Fiziol. zhur. [Ukr.] 14 no. 1:30-36 Ja-F '68).
- Clinical aspects and ischemic states in the thoracolumbar portion of the spinal cord. D. K. Bogorodinskii, A. A. Skorometa, Zhur. nev. i psikh. 68 no. 1:54-60 '68.
- Clinical aspects and treatment of pathological states originating after the administration of incompatible antidepressants. T. I. Zelikman, M. L. Shchepman, Zhur. nev. i psikh. 68 no. 1:91-97 '68.
- Collateral blood circulation in occlusions of middle cerebral artery. I. Kh. Zakharovskiy, L. K. Bagina, Zhur. nev. i psikh. 68 no. 1:19-23 '68.
- Content of histamine and histaminopexy of cerebral tissues and skin in rats under the effect of industrial poisons. R. S. Elizengart, Farm. i toks. 30 no. 5:608-609 S-O '67.
- Content of somatotrophic hormone in the blood serum of patients with cerebriophyphal nism and its dynamics during the treatment with anabolic steroids. N. A. Zarubina, M. I. Balabolkin, Probl. endok. 13 no. 6:44-48 N-D '67.
- Correlation of temperatures in various sections of the brain and body in craniofacial hyperthermia in clinical practice. V. A. Bukov and others, Khirurgia. 43 no. 12:14-21 D '67.
- Degeneration of the nervous system of the skin following the section of a nerve. K. K. Shtegor, Vest. khir. no. 11 no. 8:40-43 Ag '67.
- Determination of serotonin in the blood and cerebrospinal fluid by a modified fluorometric method. A. I. Makarov, F. A. Levin, Lab. dal. no. 12:723-725 My '67.
- Diabetic nephropathy, clinical and morphological characteristics. R. A. Kheifets, L. I. Kaminskaya, Trudy TSU 104:164-169 '67.
- Disarthria. O. Pravdina, Doshk. osp. 40 no. 6:77-79 '67.
- Dynamics of fibrinolysis and some components of blood coagulation in various types of disorders of cerebral blood circulation. V. M. Karpitskaya, Zhur. nev. i psikh. 68 no. 1:11-15 '68.
- Effect of bilateral adrenalectomy on the mental state of patients with Itsenko-Cushing disease. A. K. Dobrzhanskaya, Trudy TSU 104:65-76 '67.
- Effect of rolling motion on gastric potential in dogs before and after delabyrinthinization. M. P. Kozhuhar, Fiziol. zhur. [Ukr.] 14 no. 1:109-111 Ja-F '68.
- Effect of subdiaphragmatic vagotomy on the blood supply of the mesenterium of the small intestine. S. I. Votsekhovskiy, Arkh. anat., gist i embr. 53 no. 11:65-68 N '67.
- Effect of surgical treatment of Itsenko-Cushing diseases on concomitant psychic disorders. A. I. Dobrzhanskaya, A. P. Kalinin, I. G. Rigmant, Probl. endok. 14 no. 1:8-11 Ja-F '68.
- Effect of temperature on the interfering activity and multiplication of strains of tick-borne encephalitis viruses differ only by their neurovirulence. E. A. Ovchinnikova and others, Trudy inst. poliom. i virus. tsef. AMN SSSR 10:165-172 '67.
- Effect of the introduction of hydrocortisone on the content of catecholamines in the brain of rats under stress. V. G. Shulapina, Probl. endok. 13 no. 6:102-105 N-D '67.
- Electric activity of the central nervous system under the effect of tetrafluoroethylene. E. K. Ordzhonikidze, Trudy TSU 103:5-6 '67.
- Electrocardiographic indices of pain sensation in lumbosacral radiculitis patients. G. L. Kostovetskii, Voen.-med. zhur. no. 12:73-71 D '67.
- Electroencephalographic changes during artificial blood circulation under conditions of hemofiltration. F. V. Baltuzak, V. P. Stasunova, A. M. Komukov, Grud. khir. 10 no. 1:30-34 Ja-F '68.
- Encephalogenic activity of pertussis bacilli. A. Kh. Kruchinin, M. E. Kapitonova, Zhur. mikrobiol., epid. i immun. 44 no. 12:97-100 D '67.
- Evaluation of the functional state of the sympathoadrenal system based on the excretion of dopamine and DOPA with the urine. E. Sh. Matlina and others, Probl. endok. 14 no. 1:15-19 Ja-F '68.
- Evgenii Augustovich Kopystynskii; an obituary. Zhur. nev. i psikh. 68 no. 1:156-157 '68.
- Experience in using new antibiotics for suppurative diseases of the central nervous system. B. A. Samotkin, (U. N. Pedkolzin, Voen.-med. zhur. no. 1:29-33 Ja '68).
- Ferenc Andras Velde, an obituary. Zhur. nev. i psikh. 68 no. 1:156 '68.
- Function of the adrenal cortex in acute disorders of cerebral blood circulation. E. M. Butsev, Zhur. nev. i psikh. 68 no. 1:30-36 '68.
- Function of the adrenal cortex in the treatment of acute craniofacial trauma with ganglionic blocking preparations. (U. P. Andofagin, Ortop., travm i protez. 28 no. 12:15 D '67).
- Higher nervous activity in man during diencephalic (hypothalamic) disorders. V. F. Salenko-Lubars'ka, Fiziol. zhur. [Ukr.] 14 no. 1:81-87 Ja-F '68.
- Histomorphological changes in arterial vessels and nerve ganglia in experimental hyperfunction of the adrenal cortex. F. M. Mir-Salimov, A. R. Atakishiev, Sh. A. Saubkhanov, Azerb. med. zhur. 44 no. 12:24-28 D '67.
- Index of Soviet dissertations on neuropathology, psychiatry, and related disciplines defended and received in the State Central Scientific Medical Library during the first half of 1967. M. L. Vil'shanskaya, Zhur. nev. i psikh. 68 no. 1:143-154 '68.
- Infectious genesis of Itsenko-Cushing disease. E. A. Vasiukova and others, Trudy TSU 104:23-33 '67.
- Late results of the study of the bioelectric activity of the brain in myxedema following treatment with thyroldin and triiodothyronine. V. R. Kiyachko, A. K. Dobrzhanskaya, G. M. Fienkef, Trudy TSU 104:133-138 '67.

- Transitory disorders of cerebral blood circulation. N. K. Popov. Zhur. nevrospikh. 68 no. 13-13 '68
- Transitory spinal ischemia in arteriosclerotic bifurcation of the aorta with different levels of its chronic occlusion. N. G. Savina. Zhur. nevrospikh. 68 no. 13-54 '68
- Use of oxydime in psychiatric practice. L. N. Balashova, V. V. Gromova. Zhur. nevrospikh. 68 no. 116-122 '68
- Using intracerebral injections in diagnosing acute closed craniocerebral injuries. I. B. Kaplan, G. T. Savolov. Voen.-med. zhur. no. 12-71-72 '67
- Early stimulants of the central nervous system in anesthesiology practice. N. A. Oshov. Khirurgiya. 43 no. 12-21-23 '67
- Neurological survey of literature. G. V. Pakhomova, N. S. Ustov. Khirurgiya. 43 no. 12-45-48 '67
- Vascular complications in aminazine treatment of mental patients. V. N. Tril'manov, B. K. Lagovskii. Zhur. nevrospikh. 68 no. 111-115 '68
- Vera Arakelyants Khakhria an obituary. Zhur. nevrospikh. 68 no. 1157 '68
- 616 89 PSYCHIATRY. PSYCHOPATHOLOGY MENTAL DISORDERS INSANITY**
- 616 89(471 310)—Moscow City**
- Cases of Down's syndrome among infants of Moscow. A. G. Bulanov, G. T. Shtitsvadze, S. G. Golovets. Genetika. no. 1131-134 '67
- 616 9 INFECTIOUS DISEASES**
- Achievements in the control of mortality from measles in the R.S.F.S.R. during the years of Soviet power. I. I. Shatrov and others. Zhur. mikrobiol., epid. i immun. 44 no. 116-66 N '67
- Activity of the Petersburg Pasteur Station: 1886-1890. A. A. Efremenko. Sov. med. 30 no. 1146-151 Ja '68
- Asymptomatic and atypical forms of dysentery in workers of the food industry. S. K. Tokai. Zhur. mikrobiol., epid. i immun. 44 no. 12-128 '67
- Biochemical bases on the mechanism of the action of polycyclic antifungal antibiotics. A. N. Klimov, A. N. Litvinova. Antibiotiki. 13 no. 188-94 Ja '68
- Books and booklets on dermatology and venereology published during the second half of 1966. V. A. Nevskii. Vest. derm. i ven. 41 no. 8-92-94 Ag '67
- Case of tetanus in a nursing mother. A. S. Borisov. Zhur. mikrobiol., epid. i immun. 44 no. 12-121-122 D '67
- Changes in some indices of peripheral blood in acute dysentery. A. F. Kechkina. Lab. delo. no. 12-753-751 My '67
- Changes in the content of blood serum proteins in tetanus. V. G. Zoria. Khim. zhur. no. 5-43-47 My '67
- Chemotherapeutic activity of quinovaxine and quinovaxine N-oxides in acute bacterial infections. E. N. Paditskaia and others. Farm. toki. 30 no. 5-617-626 S-O '67
- Classification of the clinical forms of leptospirosis. V. V. Kosmichevskii, A. V. Cherenkova. Zhur. mikrobiol., epid. i immun. 44 no. 12-65-67 D '67
- Clinical and immunological characteristics of salmonellosis. A. F. Bilim and others. Zhur. mikrobiol., epid. i immun. 45 no. 122-27 Ja '68
- Clinical and morphological characteristics of the liver in experimental dysentery treated with chlorotetracycline combined with ACTH and cortisone. G. S. Mironov, I. V. Pitenin. Antibiotiki. 13 no. 140-43 Ja '68
- Clinical diagnosis of typhoid and paratyphoid illnesses. V. A. Shalygin. Voen.-med. zhur. no. 12-75 D '67
- Clinical significance of some autoimmunity indices in typhoid fever. V. P. Timina. Sov. med. 30 no. 1168-69 Ja '68
- Clinicoepidemiological and immunological study of patients vaccinated or not vaccinated against brucellosis subjected to the hazard of infection. P. A. Vershilova and others. Zhur. mikrobiol., epid. i immun. 45 no. 135-40 Ja '68
- Clinicopathogenic parallels in the characteristics of disorders of the cardiovascular system in alimentary toxicfections of salmonella etiology. K. V. Bunin, V. V. Petriagin. Kardiologiya. 7 no. 1196-101 N '67
- Conference on toxoplasmosis. Parazitologiya. 1 no. 4-342-344 II-Ag '67
- Content of 17-ketosteroids, dehydroepiandrosterone and 17-hydroxycorticosteroids in the diurnal urine of patients with the chronic form of toxoplasmosis. L. M. Petrenuk. Probl. endok. 13 no. 6-48-51 N-D '67
- Detection of enterobacteria antigens by means of hemagglutination inhibition reaction. O. S. Grishina. Zhur. mikrobiol., epid. i immun. 44 no. 1128-133 N '67
- Determination of the content in tissue culture of diphtheria antitoxin of the sera of vaccinated children. M. I. Vasenovich and others. Zhur. mikrobiol., epid. i immun. 44 no. 12-53-55 D '67
- Development of an experimental model of Salmonella carrier state in white mice. B. Z. Efimova. Zhur. mikrobiol., epid. i immun. 45 no. 1110-114 Ja '68
- Development of Soviet immunology during 50 years. M. A. Frolova. Zhur. mikrobiol., epid. i immun. 44 no. 1139-45 N '67
- Diagnosis of Trichomonas invasion based on dry smears analyzed by means of fluorescence microscopy. I. A. Fridman, I. D. Fedotkina. Lab. delo. no. 1-14-16 '68
- Diagnostic significance of the passive hemagglutination reaction in typhoid and paratyphoid diseases. V. A. G. V. Shorokhova. Zhur. mikrobiol., epid. i immun. 44 no. 12-23-27 D '67
- Dogs as the source of infection in toxoplasmosis. A. A. Iova, I. D. Netrobko. Zhur. mikrobiol., epid. i immun. 44 no. 12-105-108 D '67
- Dynamics of the formation of complement-fixing antibodies to Rickettsia burnetii in animals in a water-Q fever focus and under experimental conditions. A. A. Pchelkina, N. A. Nikitina. Zhur. mikrobiol., epid. i immun. 45 no. 1101-105 Ja '68
- Effect of infection on the distribution of acetylcholine in the rabbit brain. S. A. Kremenko, A. A. Prokhorov. Dokl. AN SSSR. 11 no. 11039-1011 N '67
- Effectiveness of a previous immunity to one of the antigens of associated vaccine against phages in the case of brucellosis on immunizing properties of its other components. Report No. 4. V. G. Filipenko. Zhur. mikrobiol., epid. i immun. 45 no. 150-94 Ja '68
- Effectiveness of combined use of therapeutic vaccines and specific bacteriophage in experimental brucellosis. M. Z. Popkhadze, T. G. Abashidze, I. N. Kanchava. Zhur. mikrobiol., epid. i immun. 45 no. 1194-96 Ja '68
- Effectiveness of different methods of immunofluorescent study of Rickettsia and viruses of the typhus group and orthonosis group. R. D. Gol'din and others. Zhur. mikrobiol., epid. i immun. 44 no. 1133-140 N '67
- Experience in studying the immunofluorescence method in serum diagnosis of syphilis. G. A. Zhuravskaya and others. Lab. delo. no. 12-25 '68
- Experience in transplacental transmission of immunity against tetanus. M. N. Ionts, I. K. Ionts, L. A. Krasova. Zhur. mikrobiol., epid. i immun. 44 no. 12-11-13 D '67
- Experimental study of the specificity of antitoxin immunity to pathogenic Staphylococci. A. K. Al'tov. Zhur. mikrobiol., epid. i immun. 45 no. 111-49 Ja '68
- 50 years of Soviet military epidemiology. I. I. Sankov. Zhur. mikrobiol., epid. i immun. 44 no. 115-15 N '67
- Geographical distribution of typhous and paratyphous diseases abroad in 1959-1961. H. P. Solodovnikov and others. Zhur. mikrobiol., epid. i immun. 44 no. 1198-101 N '67
- History of control of paratyphoid diseases abroad. G. P. Zarinin. Zhur. mikrobiol., epid. i immun. 44 no. 1166-71 N '67
- History of epidemiology departments in the U.S.S.R. V. A. Boshnin. Zhur. mikrobiol., epid. i immun. 44 no. 1152-55 N '67
- History of the All-Union Scientific Medical Dermatovenereological Society. A. A. Studitskii, N. M. Turanov, A. A. Kalamukhan. Vest. derm. i ven. 41 no. 8-3-13 Ag '67
- Human reaction to the vaccine of stomatitis aphthosa. R. I. Rudakova. Zhur. mikrobiol., epid. i immun. 44 no. 1198-97 Ja '68
- In memory of Lev Karlovich Il'inski. Vest. derm. i ven. 41 no. 8-95 Ag '67
- In memory of R. N. Arshadov. Probl. tub. 15 no. 6-92 '67
- Inapplicability of the phagocytin reaction for the diagnosis of listeriosis. Z. I. Chumakova, A. P. Ipatov. Zhur. mikrobiol., epid. i immun. 44 no. 12-11-13 D '67
- Incidence of plague in foreign countries in 1961-1965 and some problems of international quarantine in plague. S. U. Davydov, I. M. Marinkov. Zhur. mikrobiol., epid. i immun. 44 no. 1105-109 N '67
- Indirect hemagglutination inhibition test as a method for titration of immune sera. Report No. 2. Titration of sera against virus of tick-borne encephalitis. I. S. Noskov and others. Zhur. mikrobiol., epid. i immun. 45 no. 110-114 Ja '68
- Infections allergy. Report No. 5. Manifestation of infectious allergy to bacterial exotoxins in the joint administration. A. T. Kravchenko, L. I. Pivchikova. Zhur. mikrobiol., epid. i immun. 45 no. 116-110 Ja '68
- Intracutaneous allergic reaction in trichomoniasis in males. L. K. Lashimova, I. L. L'vin. Vest. derm. i ven. 41 no. 8-56-58 Ag '67
- Introduction of elements of programmed teaching of epidemiology. V. M. Sukharev. Zhur. mikrobiol., epid. i immun. 44 no. 11109-112 N '67
- Late results of the treatment of syphilis with bivalent preparations and the combination of bivalent with bismuth preparations. M. P. Datinin and others. Vest. derm. i ven. 41 no. 8-70-72 Ag '67
- Lesions of movement organs in brucellosis. J. P. Pracevsky. V. Lichnovskii. Ortop., travm. i protez. 26 no. 132-37 D '67
- New express method of determining sensitivity of bacteria to antibiotics and its comparative evaluation. V. P. Blokhov. Voen.-med. zhur. no. 12-75 D '67
- Optimum of synthetic culture medium for the cultivation of typhoid bacilli. Report No. 1. Selection of the most substantial factors of the culture medium by the method of accidental balance. B. I. Shuster, V. V. Baidalov. Zhur. mikrobiol., epid. i immun. 44 no. 12-50-61 D '67
- Pathogenesis of toxoplasmosis. E. P. Kovaleva and others. Zhur. mikrobiol., epid. i immun. 44 no. 12101-105 D '67
- Pathological anatomy of actinomycosis. O. B. Minicheva. Tr. P. I. Goryunov. Arkh. pat. 29 no. 12-3-8 '67
- Pathological histology of leishmaniasis in greater gerbils infected under natural conditions. N. M. Dmitrova, I. I. Dubrovskii. Nauch. dokl. vys. shkoly: biol. nauki. 10 no. 1126-30 '67

- Plenum on the problem of "Regulation of the epidemiological process, scientific bases of reduction of infectious morbidity and elimination of infections." A. A. Vainolovskaya. Zhur. mikrobiol., epid. i immun., 45 no. 1 153-154 Ja '68.**
- Feasibility of the reproduction of *Physaloclostridium* in the external environment. M. A. Belova, Zhur. mikrobiol., epid. i immun., 14 no. 12 91-93 D '67.**
- Present-day state of experimental studies on specific prevention of coecidiosis, a review. S. L. Borodko. Zhur. mikrobiol., epid. i immun., 45 no. 1 85-100 Ja '68.**
- Present state of the problem of specific vaccination against diphtheria, a review of the literature. V. D. Gekker, Zhur. mikrobiol., epid. i immun., 14 no. 12 55-59 D '67.**
- Preventive reaction of fibroblast culture cells infected with *Klebsiella bacilli*. I. G. Makarenko. Zhur. mikrobiol., epid. i immun., 45 no. 1 77-80 Ja '68.**
- [Problems of experimental and applied epidemiology] Voprosy eksperimental'noi i prikladnoi immunologii. Pod red. E. N. Shliakhova. Kishinev, "Kartia Moldove-Ruske," 1967. 250 p (DNLA).**
- Pr. phylactic effect of endogenous interferon stimulants in experimental influenza. V. D. Solov'ev and others. Trudy Inst. patim. i virus. infekt. AMN SSSR 10 55-61 '67.**
- Quick detection of smallpox vaccine virus in tissue cultures by the fluorescent antibody method. F. S. Noskov, Voen.-med. zhur., 12 no. 19-22 D '67.**
- R. galactin in the formation of incomplete antibodies to O antigen of the typhoid bacillus under experimental conditions. G. P. German. Zhur. mikrobiol., epid. i immun., 45 no. 1 80-81 Ja '68.**
- Relationship between tumorigenic viruses and cells. L. A. Zil'ber, Usp. sov. biol., 65 no. 1 66-82 Ja-F '63.**
- Removal from the register of patients with seroresistant syphilis. T. K. Reznikov. Sov. med., 30 no. 1 117-120 Ja '68.**
- Research materials on typhoid bacterial carriers. B. A. Zaitsev, P. I. Kravchenko, M. V. Plesovskikh. Zhur. mikrobiol., epid. i immun., 41 no. 12 112 D '67.**
- Restoration of immunity induced by atypical *Yersinia enterocolitica* 4-12. E. V. Lohank, IU. K. Pomirchey. Trudy AN BSSR 11 no. 1 1036-1038 D '67.**
- Results of the study of leptospirosis in the U. S. S. R. during 50 years of Soviet power. V. S. Kiktenko. Zhur. mikrobiol., epid. i immun., 11 no. 11-55-60 N '67.**
- Role of deacetylases in the pathogenesis of experimental salmonella infection. N. M. Uditskaya. Zhur. mikrobiol., epid. i immun., 41 no. 12 72-75 D '67.**
- Role of *El-Tor* vibrios in cholera epidemiology: a review. V. S. Gimin, L. E. Khanchanov. Zhur. mikrobiol., epid. i immun., 11 no. 11 87-93 N '67.**
- Role of the Russian Red Cross Society in the control of epidemics at the war fronts. L. I. A. Skorokhodov. Zhur. mikrobiol., epid. i immun., 41 no. 11 73-79 N '67.**
- S. M. Kulagin on his 70th birthday. Zhur. mikrobiol., epid. i immun., 11 no. 11 151-155 N '67.**
- Sequence of the formation of antibodies to the components of conjugated antigen in the immunization of guinea pigs with the complex antigenous acid-horse γ -globulin. D. V. Stefan, N. V. Stefan. Zhur. mikrobiol., epid. i immun., 41 no. 12 112-113 D '67.**
- Some characteristics of Pomona-type leptospirosis in *Mitotus eacomus* under experimental conditions. N. I. Lavrent'ev, Zhur. mikrobiol., epid. i immun., 44 no. 12 131 D '67.**
- Some clinical and therapeutic problems of amebiasis. D. P. Svanidze, S. K. Dzhanidze. Soob. AN Gruz. SSR 47 no. 1 210-221 J1 '67.**
- Some current problems in the treatment of syphilis: based on questionnaire material of Donetsk Province Scientific Society of Dermatovenereologists. N. A. Turlayev, M. N. Bakharovich. Vest. derm. i ven., 41 no. 8 55-67 Ag '67.**
- Some immunohistochemical parallels in "normal" carrier state of beta-hemolytic *Streptococcus*. A. G. Boglarian, N. D. Vartazarian. Biol. zhur. Arm., 20 no. 12 20-36 D '67.**
- Soviet military epidemiology over a period of 50 years. V. T. Mikhailovskii, V. D. Batiakov. Voen.-med. zhur., 12 no. 14-19 D '67.**
- State of specific and nonspecific immunological indices in experimental staphylococcal infection. T. A. Bogomaz, E. A. Dokuchaeva. Zhur. mikrobiol., epid. i immun., 41 no. 12 127-128 D '67.**
- State of the cardiovascular system in typhoid fever following antibiotic therapy. G. N. Karetkina. Sov. med., 30 no. 1 69-65 Ja '68.**
- Study of the antigenic structure of typhoid component of typhoid and paratyphoid B vaccines tried in the epidemiological test No. 5 (1962). T. G. Benislanova. Zhur. mikrobiol., epid. i immun., 44 no. 12 43-47 D '67.**
- Use of a stable erythrocyte diagnosticum for the determination of antibody level to tetanus antitoxin. N. N. Basova and others. Zhur. mikrobiol., epid. i immun., 45 no. 1 64-69 Ja '68.**
- Use of chlorophos with a prolongator for antileish treatment of cattle in a focus of hemorrhagic fever in the Crimea. V. D. Poleshechuk and others. Zhur. mikrobiol., epid. i immun., 44 no. 12 87-91 D '67.**
- Using special cartridges for aerogenic infecting of mice. V. F. Balan. Lab. delo no. 12 758-760 My '67.**
- Water-borne and alimentary outbreaks of epidemic hepatitis, a review of foreign literature. IU. P. Solodovnikov, V. P. Padalin, I. V. Balandinskaya. Zhur. mikrobiol., epid. i immun., 44 no. 12 68-72 D '67.**
- 616.9(471)—Russian Soviet Federated Socialist Republic (U.S.S.R.)**
- Epidemiology of hemorrhagic fever together with a cholera syndrome in the central provinces of the European part of the U.S.S.R. S. V. Kuz'menko, E. V. Sadovskaya. Voen.-med. zhur., 12 no. 53-54 D '67.**
- 616.9(471.322)—Lipetsk Province**
- 1st Congress of Epidemiologists, Microbiologists, Infectious Disease Specialists and Public Health Physicians of Lipetsk Province. P. M. Grubovskii. Zhur. mikrobiol., epid. i immun., 45 no. 1 154-155 Ja '68.**
- 616.9(471.5)—Ural regions**
- Detection of oronitis in the Western Ural. E. S. Gorovits, V. P. Vitulin. Zhur. mikrobiol., epid. i immun., 45 no. 1 141 Ja '68.**
- 616.9(471.51)—Udmurt A.S.S.R.**
- Clinical aspects and functional pathology of tick-borne encephalitis with a two-wave course in the Udmurt A.S.S.R. A. I. Chukavina. Sov. med., 30 no. 1 138-139 Ja '68.**
- 616.9(471.67)—Dagestan A.S.S.R.**
- Some results of using anhrayin in the diagnosis of anthrax in Dagestan. V. M. Pen'ev. Zhur. mikrobiol., epid. i immun., 45 no. 1 140-141 Ja '68.**
- 616.9(474.2)—Estonian S.S.R.**
- Achievements in control of infectious diseases in Soviet Estonia. O. M. Tamm, H. O. Pihl. Zhur. mikrobiol., epid. i immun., 44 no. 11 37-39 '67.**
- 616.9(474.5)—Lithuanian S.S.R.**
- Results of control of infectious diseases in the Lithuanian S.S.R. V. I. Ghidzavskas. Zhur. mikrobiol., epid. i immun., 44 no. 11 22-25 N '67.**
- 616.9(477)—Ukrainian S.S.R.**
- Some problems of tetanus epidemiology in Ternopol' Province. V. E. Veremchenko, A. N. Ustenko. Zhur. mikrobiol., epid. i immun., 44 no. 12 132-133 D '67.**
- 616.9(478.24)—Azerbaijan S.S.R.**
- Achievements in control of infectious morbidity in the Azerbaijan S.S.R. B. F. Medzhidov. Zhur. mikrobiol., epid. i immun., 44 no. 11 80-82 '67.**
- 616.9(479.25)—Armenian S.S.R.**
- Results of control of the most important infections in the Armenian S.S.R. during the years of Soviet power. A. B. Aleksanian. Zhur. mikrobiol., epid. i immun., 44 no. 11 29-31 '67.**
- 616.9(571.6)—Soviet Far East**
- Cases of I-type botulism in Kamchatka. N. D. Maruria and others. Zhur. mikrobiol., epid. i immun., 44 no. 12 122-125 D '67.**
- Pseudotuberculosis in man; experimental autoinfection. V. A. Znamenski and others. Sov. med., 30 no. 1 42-45 Ja '68.**
- 616.9(571.62)—Khabarovsk Territory**
- From the history of the organization of medical aid to infectious patients in Khabarovsk. S. E. Shapiro, I. A. Dobuzina. Zhur. mikrobiol., epid. i immun., 45 no. 1 142-144 Ja '68.**
- 616.9(574)—Kazakh S.S.R.**
- Basic measures of control of the main infections in the Kazakh S.S.R. during 50 years of Soviet power. I. K. Karakulov, E. K. Russina, A. R. Chokin. Zhur. mikrobiol., epid. i immun., 44 no. 11 15-18 N '67.**
- 616.9(575.1)—Uzbek S.S.R.**
- Basic results of control of the main infections in the Uzbek S.S.R. during 50 years of Soviet power. I. K. Musabaev, M. V. Nevskii. Zhur. mikrobiol., epid. i immun., 44 no. 11 11-14 N '67.**
- Epidemiology of hemorrhagic fever in Uzbekistan. A. Meliev. Zhur. mikrobiol., epid. i immun., 44 no. 12 93-97 D '67.**
- 616.9(575.2)—Kirghiz S.S.R.**
- Basic results in control of the most important infections in the Kirghiz S.S.R. during 50 years of Soviet power. P. A. Alekseev. Zhur. mikrobiol., epid. i immun., 44 no. 11 26-29 '67.**
- 616.9(575.4)—Turkmen S.S.R.**
- Achievements of medical science in control of infectious diseases in the Turkmen S.S.R. E. S. Popova. Zhur. mikrobiol., epid. i immun., 44 no. 11 34-35 N '67.**
- Basic stages of the study of typhoid and paratyphoid diseases in the Turkmen S.S.R. A. V. Vasil'eva. Zhur. mikrobiol., epid. i immun., 44 no. 12 108-112 D '67.**
- 616.9(721.1)—Cuba**
- Social public health in Cuba and its achievements in control of infectious diseases. A. I. Koriolae. Zhur. mikrobiol., epid. i immun., 44 no. 11 93-99 N '67.**
- 617 SURGERY**
- A. G. Gij'man on his 70th birthday. Eksp. khir. i anat., 12 no. 1 91-95 J1-Ag '67.**
- Abdominal syndrome in burns. A. V. Kozina, L. R. Mirov. Klin. khir. no. 12 50-52 D '67.**
- Achievements of Soviet cardiosurgery. G. M. Solov'ev. kardiologia 7 no. 11 18-22 N '67.**
- Aleksandr Alekseevich Abrazhano, on the centenary of his birth. N. I. Khochimananenko. Khirurgia 43 no. 12 103-106 D '67.**
- Aleksandr Alekseevich Fedorovskii, on his 70th birthday. Khirurgia 43 no. 12 101 D '67.**
- Aleksandr Alekseevich Fedorovskii, on his 70th birthday. Klin. khir. no. 5 75-76 My '67.**
- Analysis of 3000 clinical observations of acute appendicitis and late results of surgery. G. M. Gurevich and others. Klin. khir. no. 11 21-23 N '67.**
- Anterior "Fenestration" spondylodesis in lumbar osteochondrosis. G. S. Umarshvili, M. F. Turman. Vest. khir. 99 no. 7 86-90 J1 '67.**
- Anterior lumbar and lumbosacral spondylodesis. I. A. L. Tsvetan. Vest. khir. 99 no. 7 86-88 J1 '67.**
- Anterolateral (transpiral) approach to the posterior portions of the bodies of thoracic vertebrae and spinal canal in tuberculous spondylitis. K. V. Kornov. Vest. khir. 99 no. 7 74-78 J1 '67.**
- Asia Il'muchina Sorikina, on her 70th birthday. Z. T. Senechillo-Avraham, I. S. Petrov. Khirurgia 43 no. 12 102-103 D '67.**
- Authors' abstracts and Annotations. A. N. Geller and others. Klin. khir. no. 11 70-75 N '67.**
- Azygo-atrial anastomosis with the use of Danek's ring in occlusion of the superior vena cava. V. P. Aratshin. Eksp. khir. i anat. 12 no. 4 15-16 J1-Ag '67.**
- Buried suture of the common bile duct. V. V. Vinogradov, P. I. Zima. Khirurgia 43 no. 11 82-85 N '67.**
- Characteristics of the PKS-25m apparatus for suturing the esophagus with the intestine or stomach. T. V. Kalinina, V. S. Kasulin. Klin. khir. no. 5 86-87 My '67.**
- Chemotherapy in plastic and reconstructive operations on the bronchi during the treatment of pulmonary cancer. A. Kh. Trahtenberg, V. I. Shevlev. Khirurgia 43 no. 11 99-104 N '67.**
- Clinical and experimental substantiation of the contraindications for the removal of an "impacted" apicula. S. A. Borovkov, S. A. Berzin. Khirurgia 43 no. 11 89-94 N '67.**
- Clinical aspects, diagnosis and surgical treatment of the postphlebotic syndrome of the lower extremities. A. V. Pokrovskii, L. I. Klioner, E. V. Potemkina. Khirurgia 43 no. 11 41-47 N '67.**
- Comparative evaluation of methods of plastic surgery on the interventricular septum. P. V. Balluzek, T. V. Palamarchuk. Khirurgia 43 no. 11 9-13 N '67.**
- Comparative evaluation of the intensity of reparative processes in osseous tissue in various methods of filling up the defects following experimental necrectomy. D. F. Kovalev. Probl. tub. 45 no. 8 78-83 '67.**
- Congenital aneurysms of the extremities. O. B. Milonov. Khirurgia 43 no. 11 32-41 N '67.**
- Daria Ivanovna Beierhant, on her 70th birthday. Khirurgia 43 no. 99 D '67.**
- Development of topographical anatomy and operative surgery during 50 years of Soviet power. A. N. Makaimkov. Vest. khir. 99 no. 7 10-25 J1 '67.**
- Device for the removal of intestinal contents. V. P. Kapitan. Klin. khir. no. 5 85-86 My '67.**
- Diagnosis and surgical treatment of portal hypertension. F. G. Uglov, N. U. Usmanov. Klin. khir. no. 12 26-31 D '67.**
- Drainage of the extradural space through the sacral canal. S. M. Seit-Umerov, A. A. Karpenko, G. E. Nosov. Vest. khir. 99 no. 7 112-115 J1 '67.**
- Early necrectomies in patients with burns. L. I. Mitropol'skaya, I. B. Rozin. Klin. khir. no. 12 66-68 D '67.**
- Effect of bilateral adrenalectomy on the mental state of patients with Itsenko-Cushing disease. A. K. Dobrzhan'skaya. Trudy TSU 104 65-76 '67.**
- Effect of surgical treatment of Itsenko-Cushing diseases on concomitant psychic disorders. A. K. Dobzhanskaya, A. P. Kalinin, E. G. Rigmant. Probl. endok. 14 no. 1 8-11 Ja-F '68.**
- Excretion of aldosterone with the urine in diffuse toxic goiter before and following surgical treatment. V. I. Leankova. Trudy TSU 104 112-117 '67.**
- Experimental resection of cardiac aneurysm. E. K. Solov'ev, V. P. Pugacheva. Eksp. khir. i anat. 12 no. 4 34-35 J1-Ag '67.**
- Experimental surgical therapy in coronary insufficiency by ligation of the vena cordis major and diaphragm-cardioplexy by B. V. Petravskii's method. D. S. Zubov. Klin. khir. no. 5 21-26 My '67.**
- Facts, probabilities, and doubts in present-day concepts of burn disease. T. I. Ar'ev. Vest. khir. 99 no. 7 95-101 J1 '67.**
- History, ways, and aspects of development of surgery on the heart and major vessels. F. G. Uglov. Vest. khir. 99 no. 7 3-11 J1 '67.**

Some clinical characteristics of the tooth in children based on
maxillary screening data. V. A. Anisov, L. A. Lantsov, V. N.
Kuznetsov, V. S. Shargorodskii, *Ortop., Travm., i protz.*
29 no. 1 73-76 Ja '68.

Split for immobilization of fractures of fingers phalanges
and metacarpal bones. S. S. Alev, *Azərbaycan. tibb. xəb.*
14 no. 12 29-31 P '67.

State of prosthesis and orthopedic aid in the U. S. S. R.
and measures for its improvement. M. V. Volkov,
A. G. Safonov, *Ortop., Travm., i protz.* 29 no. 1 4-11
Ja '68.

Successful treatment of progladism in a patient with
anomalies. S. F. Popov, V. S. Vasiliev, *Probl. endok.*
13 no. 6 56-57 N-D '67.

Tasks of further development and improvement of prosthe-
tics and orthopedic service. V. P. Halybin, *Ortop.,
Travm., i protz.* 29 no. 1 11-17 Ja '67.

Unilateral combined diaphyseal fractures of the femur
and shin bones. V. A. Sokolov, P. N. Petrov, *Ortop.,
Travm., i protz.* 28 no. 12 61-62 D '67.

Varyava Semenovna Balakina, on her 60th birthday. *Ortop.,
Travm., i protz.* 29 no. 1 91 Ja '68.

617. 3(438)—Poland

2d All-Poland Symposium on Prosthetics and Rehabilitation
Center in Warsaw. A. A. Kozub, *Ortop., Travm., i
protz.* 29 no. 1 89-93 Ja '68.

617. 3(45)—Italy

Rizzoli Orthopedic Institute in Bologna: report on a
scientific assignment. M. V. Volkov, *Ortop., Travm., i
protz.* 28 no. 12 61-62 D '67.

617. 7 OPHTHALMOLOGY EYE DISEASES

Active detection of glaucoma in a garrison. P. N.
Isidkin, *Voen.-med. zhurn.* no. 12 76 D '67.

Changes in the electroretinogram caused by phlebotomy
X-ray stimulation in various doses on the retina. B. B.
Savchenko, *Nerv. sist.* no. 8 97-101 '67.

Chemotherapeutic effects on Brown-Pearce tumor
implanted into the eye. E. O. Koltunskii, *Vop. onk.*
14 no. 1 82-81 '68.

First experience in using interferonin in the treatment
of trachoma. V. S. Babitskii, *Trudy Inst. poliom. i
virus. onk. AMN SSSR* 10:103-107 '67.

Interferonin IVS in the treatment of adenoviral lesions
of the eyes. A. A. Karpov and others, *Trudy Inst.
poliom. i virus. onk. AMN SSSR* 10:85-91 '67.

Interferonin IVS in the treatment of herpetic lesions
of the eyes. A. A. Karpov, L. M. Vilner, N. A.
Zeitlenok, *Trudy Inst. poliom. i virus. onk. AMN
SSSR* 10:75-83 '67.

Preventive and therapeutic use of interferonin IVS
during the outbreak of epidemic keratoconjunctivitis
IU F. Malchuk and others, *Trudy Inst. poliom. i virus.
onk. AMN SSSR* 10:96-101 '67.

Some problems of the bioelectrical activity of the brain
in glaucoma and in the course of its treatment. E. A.
Shatlova and others, *Sov. AN Gruz. SSR* 47 no. 1 200
206 JI '67.

Using radioactive isotopes for diagnosis and treatment
in ophthalmology. V. V. Volkov, *Voen.-med. zhurn.*
no. 1 47-50 Ja '68.

8 GYNECOLOGY. OBSTETRICS

Advances in medical genetics and some problems of
medical-genetic service. A. A. Prikopenko, I. N. Pavlov,
S. A. Kozlov and others, *PSU. Gen.* 1 no. 6 51-61 N-D '67.

Case of tetanus in a nursing mother. A. S. Borisov,
Zhur. mikrobiol., epid. i immun. 44 no. 12 221-222
D '67.

Changes in blood coagulation and anticoagulation system
in pregnancy nephropathy before and following treatment.
Kh. M. Ismatov, *Azərbaycan. tibb. xəb.* 14 no. 12
10-11 D '67.

Changes in the lungs following X-ray treatment of breast
cancer. R. U. Vergazova, V. M. Korsunskii, *Vop. onk.*
4 no. 1 35-37 '68.

Characteristics of the course of hypertension in the
process of pregnancy, labor and postpartal period.
V. A. Spasalska, *Sov. med.* 70 no. 1 121-126 Ja '68.

Comparison of the excretion of steroid compounds with
the morphological characteristics of the ovaries in
patients with the Stein-Leventhal syndrome, *Probl. endok.*
13 no. 6 26-32 N-D '67.

Disorders of the menstrual cycle in Lisenko-Cushing
syndrome. V. F. Shakhmurovskaya, *Trudy TSU* 101 81-87
'67.

Distribution of lipolytic enzymes in the ovaries in the
Stein-Leventhal syndrome, *Probl. endok.* 13 no. 6
2-37 N-D '67.

Experience in choriongonin treatment of female sterility
connected with lack of ovulation or insufficiency of corpus
luteum. S. N. Kheifets, *Sov. med.* 30 no. 4 85-89
Ja '68.

Functional activity of the thyroid gland in cancer and
pre-cancerous diseases of the breast. I. N. Acher, *Klin.
onk.* no. 11 30-33 N '67.

Laboratory diagnosis of actinomycosis of female genitalia.
V. I. Zgorova, I. S. Agarunova, *Lab. delo* no. 1 30-34
Ja '68.

Oogenesis of endocervicocytes of the cervix uteri;
morphological study. I. A. Likovleva, *Arkh. pat.* 29
12 51-56 '67.

- Plastic surgery on the uterus with the use of synthetic polymers. A. V. Vishnevskii and others. *Dokl. Akad. Nauk SSSR* 12 no. 4:12-16. 1967.
- Primary multiple malignant tumors of female genitalia. V. A. Koltanikova. *Vop. onk.* 14 no. 1:59-61. 1968.
- Fibrosarcoma of the vagina: single observation. V. P. Kozachenko. *Vop. onk.* 14 no. 1:80-81. 1968.
- Role of prolonged electric lighting in the induction of hyperplasia of the mammary glands in mice. V. N. Gerasimov. *Vop. onk.* 14 no. 1:66. 1968.
- Sexual system in women with corticosteroids. V. I. Kertman, V. F. Shakhnovskaya. *Trudy TSU* 104:224-228. 1967.
- Some problems of anesthesia in gynecological surgery on patients with hypertension. A. T. Bunin. *Sov. med.* 33 no. 1:90-93. 1968.
- Some problems in the clinical aspects and treatment of Sheehan's syndrome. I. S. Lantskaia, A. S. Tolstikh, M. M. Stepanova. *Probl. endok.* 14 no. 1:12-15. 1968.
- Studenkin, M. A. [Youn Youngster] Vash mal'vsh. *Moskva, "Znanie,"* 1968. 78 p. (Narodnyy universitet. Fakul'tet zdorov'ia, no. 2).
- Symposium dedicated to prevention, diagnosis and treatment of malignant ovarian tumors. I. D. Nechaeva, E. V. Litvinova. *Vop. onk.* 14 no. 1:121-122. 1968.
- Transplantable strain of vaginal cancer in C57Bl mice. M. I. Bolotina, N. A. Avukh. *Vop. onk.* 14 no. 1:84-86. 1968.
- Use and clinical significance of the hexokinase test in the diagnosis of cancer of the cervix uteri. L. R. Voznitsa. *Vop. onk.* 14 no. 1:8-11. 1968.

618(471.232)—Leningrad City

- History of the prevention of cancer of female genitalia in Leningrad. L. I. Krotova. *Vop. onk.* 11 no. 1:110-115. 1968.

619 COMPARATIVE PATHOLOGY VETERINARY MEDICINE

- Data of examination of cattle for toxoplasmosis. S. A. Akhmatov. *Trudy TSU* 103:52-53. 1967.
- Results of examination of swine in Moscow Province for toxoplasmosis. S. A. Akhmatov. *Trudy TSU* 103:54-55. 1967.
- Use of chlorophos with a prologator for antitick treatment of cattle in a focus of hemorrhagic fever in the Crimea. V. D. Poloshechuk and others. *Zh. mikrobiol., epid., immu.* 14 no. 12:87-91. 1967.

62 ENGINEERING AND TECHNOLOGY

- All-Union Scientific Research Institute on Metallurgy of Nonferrous Metals (VNITsvmet). S. I. Iofin, G. D. Il'oskii. *Gor. zhur.* 143 no. 1:8-9. 1968.
- Certain trend in the theory of optimal processes. F. M. Kachilova. *Autom. i telemek.* no. 11:5-28. 1967.
- Economic reform and some problems concerning the organization of scientific research in the U. S. S. R. M. P. Ring. *Uch. zap. VNIISZ* no. 10:111-114. 1967.
- Geneva conference on the problems of scientific and technical progress. V. Budavel. *Vop. ekon.* no. 1:158-160. 1968.
- Mining Institute of the Ministry of Ferrous Metallurgy of the U. S. S. R. M. V. Vasil'ev. *Gor. zhur.* 143 no. 1:5-6. 1968.
- New instruments. M. D. Shelingart. *Mashinostroitel'* no. 1:30-31. 1968.
- Optimal control of single-dimensional processes with distributed parameters. G. I. Degtiarov, T. K. Strazdnov. *Autom. i telemek.* no. 11:29-38. 1967.
- Optimum properties of damping systems during incidental disturbances. I. T. Maslov. *Izv. vys. ucheb. zav. mashinost.* no. 9:31-36. 1967.
- Pneumatic chuck with helical racks. E. P. Venger, R. G. Kats. *Mashinostroitel'* no. 11:75. 1967.
- The reform and technological progress. I. Kurtyanin. *Ekon. i zhizn'* no. 11:55-58. 1967.
- Reserves of the drying installation of plants producing thermal insulation tiles from peat. N. A. Galybin. *Tekhn. prom.* 45 no. 1:20-21. 1968.
- Results of the heroic course. *Mashinostroitel'* no. 1:1. 1967.
- Science and technical equipment: short notes. NTO. 9 no. 12:56-57. 1967.
- The scientific and technological revolution and some problems of modern times. I. U. Sheina. *Mir ekon. i mekhanizatsii* no. 2:3-15. 1968.
- Scientific Research Institute of Metallurgical Ventilation (NIIMetallurgventilatsii). V. S. Vashchenko. *Gor. zhur.* 143 no. 1:10. 1968.

62(471.310)—Moscow City

- Headquarters of Soviet science, N. Ia. Okunev. *Gor. zhur.* 41 no. 10:51-53. 1967.

62(471.54)—Sverdlovsk Province

- The Sverdlovsk V. V. Vakhrukov Mining Institute. I. A. Stenin. *Gor. zhur.* 143 no. 1:3-4. 1968.

62(477)—Ukrainian S. S. R.

- Scientific Research Mining Institute (NIGRI). A. M. Bakuta. *Gor. zhur.* 143 no. 1:7. 1968.

62(571.17)—Kemerovo Province

- Eastern Scientific Research Mining Institute (Vostnig.Rb). S. Ia. Khubov. *Gor. zhur.* 143 no. 1:9-10. 1968.

620.1 MATERIALS TESTING

- Ablation of a plate in a supersonic gas flow. B. N. Iudin, E. I. Fedotov, A. A. Andreev. *Izv. vys. ucheb. zav. mashinost.* no. 9:86-87. 1967.
- Aerodynamic heating of a rod. I. I. Fedotov. *Izv. vys. ucheb. zav. mashinost.* no. 9:88-92. 1967.
- Aging of polyamide fibers in water. I. U. S. Pashcheyev, L. N. Mizerovskii. *Izv. vys. ucheb. zav. tekhn. tekst. prom.* no. 3:21-23. 1967.
- Calculation of a low-rigidity cantilever beam. L. M. Tsukernik. *Izv. vys. ucheb. zav. mashinost.* no. 9:38-40. 1967.
- Change of the stiffness module of yarn, spun from combs during stretching depending on the degree of its twist and the duration of loading. I. M. Dvornitskii. *Izv. vys. ucheb. zav. tekhn. tekst. prom.* no. 3:8-11. 1967.
- Concerning the calculation of periodicity of track rail inspection with the aid of defectoscopes. F. I. Uspenskii. *Vest. TSNIIP* 26 no. 5:13-16. 1967.
- Defectoscopes. G. Samoilovich. *Tekhn. i voprosy* no. 4:21-25. 1964.
- Effect of the unevenness of the slubbing on the unevenness of woolen spun yarn. Z. S. Tykheva. *Izv. vys. ucheb. zav. tekhn. tekst. prom.* no. 3:48-51. 1967.
- Effect of vinylpyridine and polyvinylpyridine additives on the protective properties of polymer coatings. V. I. Zavarzhina, I. U. N. Mikhailovskii, P. I. Zubov. *Lakokras. mat. i kh. prom.* no. 6:37-42. 1967.
- Experimental investigation of stress concentration in bracket hangers subjected to inclined loads. V. S. Sumtsov, I. P. Savchenko. *Izv. vys. ucheb. zav. mashinost.* no. 11:40-43. 1967.
- Experimental investigation of the unsteady airflow in mine workings. L. A. Shorshet and others. *Ugol' Uki* 11 no. 12:52-53. 1967.
- General case of the hyperbolic property of the function E_1 and stresses in a nonuniformly anisotropic cylinder. M. M. Plotnikov. *Izv. vys. ucheb. zav. mashinost.* no. 11:32-35. 1967.
- Inhibited paint materials. T. I. Rubanshteln. *Lakokras. mat. i kh. prom.* no. 6:41. 1967.
- Investigating the carrying capacity of spherical shells. G. G. Popov. *Izv. vys. ucheb. zav. mashinost.* no. 9:47-50. 1967.
- Investigation of a stressed and strained state of a cylindrical shell induced by axial forces. V. A. Kuznetsov. *Izv. vys. ucheb. zav. mashinost.* no. 11:25-35. 1967.
- Mechanism of the protecting action of high-resistance polymer coatings. E. K. Oshe, I. L. Rozentfeld. *Lakokras. mat. i kh. prom.* no. 6:28-29. 1967.
- Methodology for studying the structure of serge and fabrics of other weaves. V. P. Sklaniukov. *Izv. vys. ucheb. zav. tekhn. tekst. prom.* no. 3:12-16. 1967.
- Problem of decreasing the tearing rate in weaving voiced warp yarn with the use of synthetic fibers. S. G. Kostik, V. M. Sokolov. *Izv. vys. ucheb. zav. tekhn. tekst. prom.* no. 3:80-85. 1967.
- Remodeling of an M-1M machine for testing specimens during frictional rolling with internal contact. R. P. Rukov. *Zav. lab.* 33 no. 9:1162-1163. 1967.
- Selecting construction material for an electrostatic separator. I. U. N. Nabul'ina, A. D. Donashnev. *Khimiya i tekhn. mashinost.* no. 11:29-31. 1965.
- Some remarks on rupture by break off. T. Sobepnet. *Izv. vys. ucheb. zav. mashinost.* no. 11:35-40. 1967.
- Stability of the closed circuit of a flexible thread in the gravity field. M. A. Zak. *Izv. vys. ucheb. zav. tekhn. tekst. prom.* no. 3:152-151. 1967.
- Stand for studying power transmissions. F. G. Onchesko. *Vest. mashinost.* 47 no. 12:38-39. 1967.
- Stress determination in an anisotropic ring with the modulus of elasticity varying along the radius. B. I. Ogarkov, I. U. S. Kats. *Izv. vys. ucheb. zav. mashinost.* no. 9:40-46. 1967.
- Study of the erosion destruction of polyurethane coatings painted on fiber glass. P. I. Zubov, A. A. Neaterenko, Z. P. Grozinskaya. *Lakokras. mat. i kh. prom.* no. 6:29-32. 1967.
- Studying adhesive properties of coatings based on polyvinyl formaldehyde resins (Vinylflex). A. I. Kistov and others. *Lakokras. mat. i kh. prom.* no. 6:32-38. 1967.
- Tuning of an ultrasonic focusing system in pipe testing. V. S. Grel'man and others. *Zav. lab.* 33 no. 9:1147-1149. 1967.

620.17 MEASUREMENT OF MECHANICAL PROPERTIES. STRENGTH AND DEFORMABILITY TESTS, ETC.

- Analysis of stressed and deformed state in the initial stage of the deep drawing process. V. P. Romanovskii. *Kuz. shant. prom.* 9 no. 12:13-17. 1967.
- Appliance for bonding and hardness tests in studying thermoplastics. L. N. Obishchenko, B. S. Petrovskii. *Zav. lab.* 33 no. 9:1164. 1967.
- Automatic equipment for the thermomechanical measurement of foam plastics. I. U. N. Polakov, P. I. Seliverstov. *Zav. lab.* 33 no. 9:776-777. 1967.
- Calculating maximum forces in supports and levers of balance beams in control of systems of blast furnace bells and hoppers. G. G. Grigor'ev, G. A. Vorotov. *Izv. vys. ucheb. zav. chern. met.* 10 no. 12:152-158. 1967.

- Calculating the stressed state in contact zones of rolling mill rolls. V. P. Polukhin, V. A. Nikolayev. *S. P. Efimenko. Izv. vys. ucheb. zav. chern. met.* 10 no. 12:73-82. 1967.

- Deformations of lightweight concretes made from natural aggregates under repeated compressive loading. A. O. Epoin, I. A. Chifalarian. *Nauch. soob. VISM* no. 8:121-128. 1966.

- Device for testing microspecimens in temperatures of 1.3-1200 K. I. A. Gordin and others. *Pril. k zh. tekhn. no. 2:240-241. 1967.*

- Dissipation of the resistance of steels during tests up to the base of 10^8 cycles. M. I. Galperin. *Zav. lab.* 33 no. 9:1123-1125. 1967.

- Distribution of torque between the rolls of a two-high reversing mill. M. A. Zil'kov and others. *Izv. vys. ucheb. zav. chern. met.* 10 no. 12:86-89. 1967.

- Effect of fine crystal structure on the wear resistance of steel. A. A. Mukhamedov, S. I. Rudnik. *Izv. vys. ucheb. zav. chern. met.* 10 no. 10:144-147. 1967.

- Effect of heat treatment on the properties of 151 steel at negative temperatures. A. A. Govoio, N. A. Nestorov, A. B. Alaykin. *Izv. vys. ucheb. zav. chern. met.* 10 no. 12:123-127. 1967.

- Effect of macroscopic residual stresses on the anisotropy of the elastic limit. E. I. Puchkov and others. *Izv. vys. ucheb. zav. chern. met.* 10 no. 11:157-157. 1967.

- Effect of the nonuniform distribution of stresses on strength under variable loads. G. V. Bundal. *Zav. lab.* 33 no. 9:1137-1138. 1967.

- Fracture criteria of the fatigue failure of materials. V. T. Troshchenko. *Zav. lab.* 33 no. 9:1126-1128. 1967.

- Equipment for fatigue testing of small-size specimens in tension with a constant amplitude of stress. A. M. Leksovskii, V. R. Regel'. *Zav. lab.* 33 no. 6:766-768. 1967.

- Equipment PV-12 for the study of the wear resistance of materials during hydroabrasive wear. M. M. Tenenbaum, T. I. Aronov. *Zav. lab.* 33 no. 6:764-765. 1967.

- Evaluating the degree of dynamic loading producing abrasive wear. I. V. Petrov. *Zav. lab.* 33 no. 6:749-750. 1967.

- Evaluating the dissipation of fatigue properties in light alloys using the modified Plot method. M. N. Stepanov, I. U. A. Shakhmin. *Zav. lab.* 33 no. 9:1116-1122. 1967.

- Experimental investigation of the carrying capacity of short compressed members made from lightweight reinforced concrete. A. A. Vaituprin. *Nauch. soob. VISM* no. 8:101-120. 1966.

- Experimental investigation of the length of the anchorage zone of seven-rib stands in a lightweight concrete made from stony pumice. R. S. Avetisyan, A. B. Prudov. *Nauch. soob. VISM* no. 8:81-86. 1966.

- Fatigue strength of pins. G. B. Ioshelevich, I. U. G. Ryk'. *Vest. mashinost.* 47 no. 12:20-21. 1967.

- Investigating the bond strength of A-I and A-III reinforcement with lightweight concretes made from stony pumice. L. S. Shakhmin. *Nauch. soob. VISM* no. 8:87-100. 1966.

- Investigating the deformations of elements in bending made from high strength lightweight concretes reinforced with high strength rods. S. G. Ioshelevich. *Nauch. soob. VISM* no. 8:50-81. 1966.

- Investigation of the static and fatigue strength of fiber-reinforced beams made from lightweight concrete with natural aggregates. G. M. Kanetalan. *Nauch. soob. VISM* no. 8:39-40. 1966.

- Kinetics of the deformation of metals under conditions of nonuniform ultrasonic loading. L. G. Konovalev, V. M. Drozdov. *Dokl. AN SSSR* 11 no. 10:901-907. 1967.

- A machine for fatigue testing in programmed cycles of varying form. I. U. T. Tiablikov, A. T. Oganesian, A. I. Dugats. *Zav. lab.* 33 no. 9:1168-1171. 1967.

- Measuring the dynamic characteristics of elastic rubber elements. I. B. Belikov, I. E. Vinitskii. *Zav. lab.* 33 no. 6:769-771. 1967.

- Measuring the elastic modulus in AC-4C glass-reinforced plastics in conditions of rapid tension. I. U. A. Voloshenko-Bimovitskii, L. N. Smekina, A. A. Vache-slavov. *Zav. lab.* 33 no. 9:1140-1141. 1967.

- Methods of determining the strength of structural plastics under the effect of impact loads. L. V. Kositskii. *Zav. lab.* 33 no. 6:756-757. 1967.

- Method of measuring the average amount of microirregularities on a ground glass surface. D. V. Belyakun, R. A. Chumov. *Stek. i ker.* 25 no. 1:22-23. 1968.

- Methods of life testing in friction conditions of anti-friction coatings at temperatures up to 500° C in vacuum and inert gas media. R. M. Matveevskii, S. A. Popov. *Zav. lab.* 33 no. 6:743-747. 1967.

- Micro-machine for the study of deformation of metal specimens at temperatures of up to 1.3° K. V. V. Pastovalov and others. *Pril. k tekhn. eksp.* no. 2:176-179. 1967.

- Modeling the testing of gears for built wear. A. T. Radchenko. *Zav. lab.* 33 no. 6:746-749. 1967.

- Modernizing the system of internal pressure of a testing machine type YSDMU-304. B. N. Bostun, P. G. Podchakov, A. P. Sosnin. *Zav. lab.* 33 no. 6:771-772. 1967.

- On the character of metal fracture due to thermocyclic action. I. I. Bel'skii, A. A. Tsybaltuk. *Dokl. AN BSSR* 11 no. 11:1000-1002. 1967.

- Preparing epoxy resin plates and blocks for study by the optical polarization method. E. L. Tochilin and others. *Zav. lab.* 33 no. 6:753-755. 1967.

- Rapid determination of the endurance limit under the effect of complex deformations. N. I. Plukano, V. P. Goncharov. *Zav. lab.* 33 no. 9:1122-1123. 1967.

- Optimizing the performance of a drawing device with a roller of a single-process spinning machine. B. S. Mikhaylov. Izv. vys. ucheb. zav. tekhn. tekhn. prom. no. 3:52-56 '67.
- Calculating the rate of motion of the crankshaft of a loom. V. S. Mosteiskii, A. N. Murynov. Izv. vys. ucheb. zav. tekhn. tekhn. prom. no. 3:126-131 '67.
- Characteristic of the basic mechanisms of the IO/AT machine producing knit underwear products. K. N. Vashchinskii. L'kh. prom. no. 2:10-23. Mr.-Ap. 56.
- Calculation of the angle of flow for the drawing device of the spinning machine. M. V. Pavlov. Izv. vys. ucheb. zav. tekhn. tekhn. prom. no. 4:12-17 '67.
- Comparative testing of lint-cleaning devices with mechanical and electric drives. V. V. Karpinski. Vest. mashinost. no. 2:10-10-12 '67.
- Construction and design principles for flow charts of large industrial complexes. G. V. Ruzin. Vest. mashinost. no. 12:60-72 D '67.
- Design characteristics and technological possibilities of the mechanism for the density of pyramidal heels of the "Krestina - 5003" cotton machine. D. T. Briha, A. V. Skrypkovskii. L'kh. prom. no. 6:23 N-D '67.
- Determination of the starting duration of the carding-spinning machine. V. F. Il'ina, P. I. Erasov. L'kh. prom. no. 6:27-28 N-D '67.
- Determining a transient in piecewise linear systems. P. I. Il'ina. Prikl. mekh. no. 11:102-109 N '67.
- Calculating the intensity of friction of knit fabric on a roller of a loom. N. V. Arshinovskaya. L'kh. prom. no. 4:10-10. Mr.-Ap. '66.
- Dynamic overload during the starting of drum-type sizing machines used for synthetic yarn production. V. P. Voloschenko, V. P. Sorduk. L'kh. prom. no. 6:21-22 N-D '67.
- Some effectiveness of scientific research in textile industry manufacture. I. V. Samoilova. Tekhn. prom. no. 27:10-65-68 O '67.
- Effect of the speed of circular screen machines on the mechanical properties of pulpboard. G. M. Bogomol. Tekhn. prom. no. 5:4-8. My. '66.
- Efficiency of the use of plastics in the machinery industry. I. V. Rudkin. Mashinostroitel' no. 9:9-11 '67.
- Ekhtsyal'd, A. V., and A. A. Kuznetsov. Economic efficiency of production in workshops and sections of a machinery manufacturing plant, methods of calculation. Ekonomicheskaya effektivnost' proizvodstva v tekhnicheskikh i inzhenernykh mashinostroyitel'nykh i tekhnicheskikh mashinostroyitel'nykh zavodakh, tekhnicheskaya. Moskva, "Mashinostroyeniye," 1967. 147 p.
- Experimentally operated plant. F. Revin, G. Safonov. Nauch. i issled. no. 10:25 O '67.
- Even stretching of knit fabric with rollers of the circular machine. P. P. Shiman, V. M. Lazarenko. L'kh. prom. no. 6:30-40 N-D '67.
- Experimental study of the mechanism of oscillating motion of the separating device of the G. I. combining machine. V. K. Polinikov, P. P. Dobrovolskiy. Izv. vys. ucheb. zav. tekhn. tekhn. prom. no. 3:11-118 '67.
- Experimental testing of a new design for spring box packings. K. I. Topol'di, M. S. Lavrynenko. L'kh. prom. no. 6:55 N-D '67.
- Foreign publications. M. Tumanov, M. Karshev, V. Kabanov. Vnesh. tor. no. 48:152-54 '66.
- Generalized index of the adjusted production of oxygen machines. I. S. Garmay, V. M. Bodianskiy, Z. M. Shchegolev. Khim. i nef. mashinost. no. 1:35-37 Ja '68.
- Hydraulic and pneumatic elements. A. Gorshik. Tekhn. i ekonom. no. 4:20-33. Ag. '66.
- Important problem of machine builders. Bum. prom. no. 5:1-2. My. '66.
- Improving the mechanism for the feeding of rubberized thread into D2LTS and AN-1 lostry machines. I. A. McVid. L'kh. prom. no. 6:55 N-D '67.
- Improving the method of calculating labor productivity in a factory. V. Prokudinikov. Vop. ekon. no. 1:120-130. Ja. '68.
- Improving the needle plate of the 34-a class machine. V. F. Fedorenko. L'kh. prom. no. 6:54 N-D '67.
- Machine building for the peat industry in the Soviet Union in 50 years and its development prospects. N. I. Nosov, V. I. Shchepetev. Tekhn. prom. no. 14:7-45-48 '67.
- Machinery building and technical equipment of the national economy. L. K. Vinogradov. Vest. mashinost. no. 47:12:1-6 D '67.
- Machinery construction and technological progress. L. K. Vinogradov. Mashinostroitel' no. 1:1-3 Ja '68.
- Materials for machinery manufacture and the design of machine parts. Hydraulic drive. Ref. zhur.: Mashinostroitel', konstr. i rasch. del. mash. Gidr. no. 12(48), Dec. 1967. Predmetnyy ukazatel' za 1968 g.
- Materialization of malt unloading from malting drums. F. T. Rumintsev. Tekhn. i prom. no. 4:38-38 '66.
- Methodology for calculating the cleaning effect of cotton-cleaning machines. B. A. Levkovich and others. Izv. vys. ucheb. zav. tekhn. tekhn. prom. no. 3:26-29 '67.
- Microstudy of the surface of blades of shoe cutters. P. T. Basko. L'kh. prom. no. 6:19-20 N-D '67.
- Mining machinery industry on the fiftieth anniversary of the Great October. V. I. Zhigalin. Gor. zhur. no. 11:11-12 N '67.
- Modern spindle designs. E. I. Behaev. Tekhn. prom. no. 10:26-30 O '67.
- Modernized loom carriage. V. L. Sokolov. Tekhn. prom. no. 27:10-39-41 O '67.
- New design for a cutting unit. M. P. Urushkin, M. I. Rudychukovskiy. Khim. prom. no. 6:53-54 N-D '67.
- Noise decrease of high-speed sewing machines. M. Shchegolev, H. I. Lukashchikov. L'kh. prom. no. 2:53-54. Mr.-Ap. '67.
- Performance of buffed shock absorbers of the shuttles of metal-cloth looms. B. Z. Popov, G. M. Smirnov. Izv. vys. ucheb. zav. tekhn. tekhn. prom. no. 3:132-137 '67.
- Probability of weft omission during the slippage of yarn from the bobbin. I. P. Blinov, V. A. Goriunov. Izv. vys. ucheb. zav. tekhn. tekhn. prom. no. 3:64-68 '67.
- Problems of technological progress and the organization of production in the machinery industry. Ref. zhur.: Vop. tekhn. prom. i org. proizv. v mashinost. no. 12(35), Dec. 1967, nos. 1-2(35), Jan.-Feb. 1968.
- Rewinding of yarn into a cylindrical packing with ends of a given form. L. D. Efremov. Izv. vys. ucheb. zav. tekhn. tekhn. prom. no. 1:57-63 '67.
- Some problems in improving labor productivity in heavy machine building. I. S. Reves. Vest. mashinost. no. 47:12:67-69 D '67.
- Soviet exposition at the international exhibition "Chemistry in Industry, Construction Work, and Agriculture." I. F. Shchegolev. Khim. i nef. mashinost. no. 1:1-5 N '65.
- Soviet inventions in the field of machine building. Vest. mashinost. no. 17:12:78 D '67.
- Statistical determination of the characteristics of the reliability of an automatic device for weft shifting on the AT-100-5M automatic loom. A. V. Savinova, N. I. Shavlinga. Izv. vys. ucheb. zav. tekhn. tekhn. prom. no. 3:72-79 '67.
- Structure of the basic pattern design for a girl's jumper manufactured on the flat-knitting machine. O. I. Podolchenko, N. I. Sokolovskaya. L'kh. prom. no. 2:18-11. Mr.-Ap. '66.
- Studying the starting speedup of a capped spindle by high-speed filming. N. V. Medvedovskaya, N. I. Trukhtsev. Izv. vys. ucheb. zav. tekhn. tekhn. prom. no. 3:31-36 '67.
- System of a programmed control of the machine molding the heel part of shoes. M. I. Petrosuk, V. S. Moneta. L'kh. prom. no. 2:17-19. Mr.-Ap. '66.
- Technology of machinery manufacture. Ref. zhur.: Tekhn. mashinost. no. 12(48), Dec. 1967. Predmetnyy ukazatel' za 1968.
- Turbine manufacture. Ref. zhur.: Turbost. no. 12(48), Dec. 1967.
- Use of a modified mobile system of warp roller in the main screw-type regulator. I. U. Erokhin. Izv. vys. ucheb. zav. tekhn. tekhn. prom. no. 3:60-71 '67.
- We should train engineering teachers. I. A. Samokhoshki. Sred. shkol. no. 13:9:12-13 S '66.
- Winners in the socialist competition in honor of the 50th anniversary of the Great October Revolution. Khim. i nef. mashinost. no. 11:3 Ja '68.

621(4/9, 104)—Capitalist countries of the world

Sale of equipment by capitalist exporters through brokerage firms. P. S. Zaylatov. BIKI [Pislozh] no. 14:45-67 '67.

621(4, 0)—European capitalist countries

The equipment market of some small west European countries. I. Levshin. Vnesh. tor. no. 48:2:37-41 '68.

621(437)—Czechoslovakia

International Exhibition of 1967 in Czechoslovakia. Vest. mashinost. no. 47:12:75-77 D '67.

621(471, 232)—Leningrad City

Export service. I. A. Imanhanov. Vnesh. tor. no. 48:1:46 '68.

The Kirov Plant. A. A. Lituchenko. Mashinostroitel' no. 9:2-4 S '67.

621(471, 310)—Moscow City

Exhibition "Inpromash-67." Z. M. Prokop'eva. Mashinostroitel' no. 9:44-45 S '67.

621(471, 311)—Moscow Province

The eldest innovator. A. M. Kikolaeva. Mashinostroitel' no. 9:6-7 S '67.

621(471, 324)—Voronezh Province

Pledges are fulfilled, but the competition continues. N. Kuznetsov. Sov. profsoyuz. no. 21:8:9 N '67.

621(477)—Ukrainian S. S. R.

Development and the condition of machinery at the sugar industries of the Kiev, Zhitomir, Cherkassy and Chernigov Provinces. L. M. Dolyl. Khim. prom. no. 2:56-61. Mr.-Ap. '67.

Improving the specialization of enterprises manufacturing tractors and agricultural machinery. L. Taraschuk. Ekon. Rad. Ukr. no. 12:62-66 D '66.

Influence of mechanization and automation on labor productivity in machinery manufacturing. IF. Ushchenko. O. Voronin. Ekon. Rad. Ukr. no. 9:12:51-55 D '66.

Outline history of the Kharkov "Krasnyi Otkladchik" Plant. Ocherki istorii Khar'kovskogo zavoda "Krasnyi Otkladchik." Kharkov, "Prapoi," 1966. 241 p.

621(571)—Asiatic R. S. S. R.

Research shows. B. Kychanov. MTO no. 12:12-13 D '67.

621.00 MACHINERY DETAILS

Introduction of automated control systems at machine construction enterprises. V. I. Loskutov. Stan. i instr. no. 12:1-3 D '67.

621.001 GENERAL CHARACTERISTICS

Development of machine parts design theory. D. V. Reshetov. Izv. vys. ucheb. zav. mashinostroyeniye no. 10:19-27 '67.

Manufacturing processing apparatus using the cooling method. B. V. Popovskii, G. V. Linnik, Khim. i nef. mashinost. no. 11:36-39 N '65.

Scientific achievements of institutions of higher education in functional interchangeability and measuring instruments. A. I. Iakubov, V. S. Vikhman. Izv. vys. ucheb. zav. mashinostroyeniye no. 10:109-118 '67.

Scientific research work dealing with wear and durability of machines and its further development. A. S. Pronikov. Izv. vys. ucheb. zav. mashinostroyeniye no. 10:27-33 '67.

Scientific work in higher technical schools of machine building. V. P. Meshcherin. Izv. vys. ucheb. zav. mashinostroyeniye no. 10:5-12 '67.

Transformation of some cone surfaces. M. N. Pogrebe takata. Izv. vys. ucheb. zav. mashinostroyeniye no. 9:5-10 '67.

621.002 FIXED AND MOVING PARTS

Experience of the Ural Heavy Chemical Machinery Plant in lengthening the life of nonmetal parts. A. S. Pechenizhanskaya. Khim. i nef. mashinost. no. 1:42 Ja '68.

621.003 VALVE GEAR PARTS. VALVE MOTION

Using direct-flow valves in high-pressure, high-speed compressors. B. A. Spas'kot, Khim. i nef. mashinost. no. 4:38-40. Ap. '65.

621.004 FORM AND SHAPE OF PRODUCTS

Some technological aspects of the manufacture of parts of the ring sector type. A. I. Kuchina, I. U. I. Samokhoshki. L. M. Voronenko. Khim. i nef. mashinost. no. 1:33-34 Ja '68.

Testing thin strip materials for stress relaxation in corrosive media. I. B. Kalachev, K. V. Bordanov. Zav. lab. no. 6:750 '67.

621.005 OPERATION CONTROL AND REGULATION

Adjusting mechanism with flexible links. G. V. Galutva. Prikl. tekhn. eksp. no. 2:198-199. Mr.-Ap. '67.

Algorithm for optimizing the multistage set-up of automatic and semiautomatic lathes. I. A. M. Kershenbaum, N. G. Akseva. Khim. i nef. mashinost. no. 1:30-32 Ja '68.

Automation of liquid level control in the body of a hydraulic brake of a drilling rig. A. A. Gadzhiev. Izv. vys. ucheb. zav. nef. i g. no. 9:97-100 '67.

Determining the braking moment of a hydraulic brake taking into account the angle of pitch of blades. M. D. Fatidzev. Azei. nef. khoz. no. 12:18-21 D '67.

Determining the temperature of the surface of the friction of power brakes of draw works. G. M. Shakhmatov, S. M. Tagiev. S. A. Radzhabov. Dokl. AN Azei. SSR. no. 4:19-23 '67.

621.007 SERVICING, MAINTENANCE, ASSEMBLY, PROTECTION AND SAFETY DEVICES

Analytic study of the vibrations of a piston compressor. S. A. Boishadskii. Khim. i nef. mashinost. no. 4:29-32. Ap. '65.

Determining the optimum design of polytetrafluoroethylene sealing elements of high-pressure stuffing boxes. A. M. Zakhovko. Khim. i nef. mashinost. no. 1:6-8 Ja '68.

Experimental study of the effect of certain factors on the sealing ability of rubber rings. A. G. Serdii, V. G. Shat'ga. Mash. i nef. obor. no. 12:15-19 '67.

Introduce scientific labor organization in the repair service. V. F. Morozov, M. I. Portniagina. Trudy Ural politekh. inst. no. 161:72-75 '67.

Manufacturing units of chemical apparatus from polytetrafluoroethylene. V. I. Azarov, V. V. Degtiarev, A. V. Goranova. Khim. i nef. mashinost. no. 1:28-30 Ja '68.

Results of the field tests of a well bottom vibration damper. T. A. Kiria. Buene no. 12:3-4 '67.

Side pressure of stuffing made of polytetrafluoroethylene-4. N. I. Taganov, A. S. Timoshuk, V. M. Kirillov. Khim. i nef. mashinost. no. 4:12-14. Ap. '65.

621.007(471, 324)—Voronezh Province

Made by the technological art society. I. Bolkov. Sov. profsoyuz. no. 24:15 D '67.

- Improving the instruction in mechanical engineering
N I Ruskii. Sred spets obr 13 no 9-22 S '66
- Method for calculating three-dimensional systems of
loads with plastic braces. P. M. Podolskii. Prikl
mekh 3 no 12-17-103 D '67
- 621.01(471 67)—Daghestan A.S.S.R.
Chemicalization of machinery industry production as one
of the trends in speeding up technological progress
A. P. Vents. Prikl tekhnol Dag no 5-11-24 '67
- 621.01(477)—Ukrainian S.S.R.
Plant of communist labor. N. M. Davydov. Stroil dok
mush 12 no 9-10-13 S '67
- 621.01(571 55)—Chita Province
With the trademark of Transbaikalia. A. P. Kuter. Vnesh.
toig. 18 no 1-3 '66.
- 621.01(574)—Kazakh S.S.R.
Labor biography of a plant. M. Baskenev. Nar, khoz,
Kazakh. 25 no 11-22-43 N '67.
- The machinery industry, economic information. Nar
khoz, Kazakh. 25 no 11-21 N '67.
- 621.011 THEORY, PRINCIPLES AND PRACTICE
OF AUTOMATION. AUTOMATIC
CONTROL
- Absolute stability of pulse frequency systems. V. I.
Dymkov. Avtom. i telem. no. 10-109-114 O '67.
- Abstract-describes in the process of chemisorption as
an object of automatic optimization. L. A. Ibragimov,
M. S. Mett. Izv. vys. ucheb. zav. i nauch. i issled.
8 no 9-10-12 '66
- Active pneumatic control of linear dimensions. L. M.
P. Ikonov, V. D. Shishikov. Mashinostroi' no 11
21-22 N '67.
- AGZU-1 automated group measuring unit. I. U. Vinogradov
and others. Mash. i mekh. obr. no. 12-22-25 '67.
- Analysis of models of homogeneous neuron layer with
lateral connections. L. A. Litvinskii, N. V. Pozin, V. P.
Ikhno. Avtom. i telem. no. 10-168-181 O '67.
- Approximation method for evaluating the accuracy of
linear systems containing random parameters. L. G.
Evlanov. Avtom. i telem. no. 10-72-81 O '67.
- The APZM-2 automated air charging apparatus for loose
explosives. V. I. Emekeev and others. Gor. zhur. 143
no 12-44-15 D '67.
- Automated control of the drying process of cracklings.
V. Porozov. Mias. ind. SSSR 38 no 11-31-33 N '67.
- Automated weighing of proportioned meat products.
A. Vasin, V. Gorbunov. Mias. ind. SSSR 38 no 11-17-
21 N '67.
- Automatic control of the amount of solid phase in pulp
streams at ore dressing plants. G. A. Zubkov. Gor.
zhur. 143 no 12-54-55 D '67.
- [Automatic control, remote control, and computer tech-
nology] Ref. zhur. Avtom. i telem. i vych. tekhn. nos. 1-
3, Jan.-Mar. 1968. Predmetnyi ukazatel', za 1966 g.
- Automatic equipment for controlling the consumption of
compressed air in a pneumatic system. E. I. Morozov.
Ugol' Ukr. 11 no 12-35-37 D '67.
- Automatic FPRAKM chamber filter press. A. R. Sapronov
Sakh. prom. 41 no 11-38-39 N '67.
- Automatic operator for programmed control of vacuum-
drying furnaces. G. A. Gegeshidze. Mashinostroi' no
11-18-10 N '67.
- Automatic temperature regulator for measurements in
the range of 10° to 150° K. I. A. G. Ponomarev. Prikl.
tekh. eksp. 11 no 6-218-220 N-D '66.
- Automating the process of producing glass screens for
electron beam tubes. I. S. Maichenko, N. E. Brodskaya,
S. P. Kovalyushin. Stek. i ker. 25 no 136-38 Ja '68
- Automation and the elements of programmed instruction
in the educational process. I. A. Vysokodvorskiy. Sred.
spets. obr. 13 no 9-19-21, 26 S '66.
- Automation in the Soviet Union during the 50 years of
Soviet Power. Avtom. i telem. no 10-5-22 O '67.
- Automation of control machines using an optical beam.
S. T. Tsukerman. Izv. vys. ucheb. zav. i nauch. i issled.
9 no 3-114-119 '66.
- Automation of refrigerating machinery in the enterprises
of the food industry. V. P. Izrael'skiy, S. L. Heller.
Khar. prom. no. 2-3-5 Mr-Apr '68.
- Automation of the preparation section in slate plant.
M. E. Vdovin. Stroil. mat. 13 no 8-6-8 Ag '67.
- Automation of conveyors in the coal mines of
Czechoslovakia. A. P. Shirokov, G. N. Arkhipov. Ugol'
Ukr. 11 no 12-53-54 D '67.
- Basic trends and organization of work for the creation of
automated control systems in the enterprises of the
clothing industry. N. S. Svchlova. Shvein. prom. no 6
8-11 N-D '67.
- Case of optimal control. D. I. Likerman, V. I. Zlatkin.
Izv. vys. ucheb. zav. i nauch. i issled. 9 no 3-38-40 '66.
- Characteristics in the teaching of the course "Funda-
mentals of industrial automation." P. E. Sapezhanskiy.
Sred. spets. obr. 14 no 8-20-22 Ag '67.
- Comparison of methods for studying positional stability
of automatic systems with ambiguous nonlinearities.
A. V. Nectushal, D. A. Blava. Izv. vys. ucheb. zav.
elektromekh. no 11-1245-1252 N '67.
- Complete set of heat automation devices for extruders.
S. A. Seigov. Khim. i nef. mashinost. no 1-17-18
Ja '68.
- Concerning the construction of automatic control systems
of the rolling stock on a mixed main line. A. N.
Barbino. Trudy TSNT MPS no 345-15-25 '67.
- Conditions of convergence of automatic search in discrete
optimizing control systems. Z. Bubitskiy. Avtom.
i telem. no. 10-115-123 O '67.
- Conditions permitting rejection of higher members of a
characteristic equation with low values in stability
analysis. A. N. Lebedev. Izv. vys. ucheb. zav. elektromekh.
no 11-1273-1275 N '67.
- Construction of switching lines for systems of controllable
structure and optimum rate of operation. M. V.
Alchundov, A. A. Nesterov. Izv. AN SSSR no 2
Sci. tekhn. nauk no 1-87-95 '66.
- Control of production processes according to restrictions.
B. G. Volk. Avtom. i telem. no 10-227-232 O '67.
- Correcting the starting point of deceleration in automated
hoisting equipment. N. F. Bondarenko, A. M. Tsybul-
nikov, E. E. Lavronenko. Ugol' Ukr. 11 no 12-31-35
D '67.
- Criteria for the optimization of the performance of a
platforming unit. D. I. Andreyev, R. M. Lukmanov.
Izv. vys. ucheb. zav. i nauch. i issled. 8 no 9-11-119 '65.
- Criterion of optimality and limitations of the automated
system of operations planning in rolling mill practice.
Z. G. Magaziner, V. I. Chirkov. Izv. vys. ucheb. zav.
chem. met. 10 no 11-104-109 '67.
- Design of instrument controllers of constant speed having
liquid friction. G. T. Shapoval. Izv. vys. ucheb. zav. i
prib. 9 no 3-108-113 '66.
- Determination of the parameters of tracking conversion
systems in automatic control instruments in a flux.
V. A. Romanov. Izv. vys. ucheb. zav. i prib. 10 no 3
48-50 '67.
- Developing production lines for the manufacture of work
clothes. R. F. Ginsburg, P. S. Pushkin, V. I. Popkov.
Shvein. prom. no 6-11-17 N-D '67.
- Economic efficiency of the "Ruda 1" system. P. I. Zelen-
ov, I. A. Timofeev. Gor. zhur. 143 no 12-50-51 D
'67.
- Efficient structure of high-speed systems of automated
electric drives. V. L. Ankhimuk, O. P. Ilin. Izv. vys.
ucheb. zav. i energ. 10 no 12-32-38 D '67.
- Electronic time code transducer. S. M. Khlytchev, M. I.
Romanovskii. Izv. vys. ucheb. zav. i prib. 10 no 3
35-38 '67.
- Elements with adaptive transfer coefficients. M. A.
Rosenblat, A. A. Romashchev, V. A. Semenenko. Avtom.
i telem. no. 10-182-206 O '67.
- Establishment of structure and evaluation of parameters
of an automated control system. L. B. Nisnevich, G. G.
Stetsura, V. L. Epshstein. Avtom. i telem. no. 10-217-
226 O '67.
- Evaluation of interference rejection of adaptive discrete
measuring signals. V. A. Vitikh, A. N. Ginsburg.
Avtometriya no. 4-116-119 Ji-Ag '67.
- Evaluation of operational accuracy of a pulse-type servo
system within the interval of discrete state. I. U.
Nikolayev. Izv. vys. ucheb. zav. i prib. 10 no 2-42-47
'67.
- Experimental energetic study of the AT-100-5M
automatic loom. L. M. Raikunova. Izv. vys. ucheb. zav.
tekhn. tekhn. prom. no 3-114-118 '67.
- Fifth All-Union Scientific and Technical Conference on
the Creation and Utilization of Control Systems with
Computers. V. V. Solodovnikov, V. N. Plotnikov.
Elektrichestvo no. 1-83-84 Ja '68.
- Formation of a desirable LAC of servo systems contain-
ing elements with saturation. L. P. Smolnikov. Izv.
vys. ucheb. zav. i prib. 10 no 2-48-50 '67.
- I. I. Iuskiy, D. I. A., and I. I. Kapustin. [Dependability of au-
tomatic machines and automatic production lines of the
light industry] Nadezhnost' avtomatov i avtomatiches-
kikh lini legkoj promyshlennosti. Moskva, 1966
51 p.
- Integral evaluations of moments and the synthesis of
linear systems. A. A. Krasovskiy. Avtom. i telem.
no. 10-53-71 O '67.
- 12M-2 automatic candy-forming and wrapping machine.
I. A. V. Holovko. Khar. prom. no. 2-6 Mr-Apr '68.
- [Journal of abstracts: Cybernetics] Ref. zhur. Kib.
nos. 11-12, Nov.-Dec. 1967, no. 2, Feb. 1968.
- Kharatishvili, G. L. [Optimal processes with time lag]
Optimal'nye protsessy s zapazdyvaniyami. Tbilisi,
"Metantera", 1966 81 p.
- Means for improving the automation in building and
engineering work. Dop. AN URSR Ser. B 29 no 12-1125
D '67.
- Mechanization and automation of mine ventilation. V. A.
Boiko, A. M. Grigorash. Ugol' Ukr. 11 no 5-27-29
My '67.
- Method for dynamic separation during synthesis of
systems of multiply joint control. B. V. Ilin, V. V.
Kashmet, V. L. Rukin. Izv. vys. ucheb. zav. i elektromekh.
no 11-1253-1265 N '67.
- 120-122 Ji-Ag '67
- Method of calculating optimal rolling conditions of
reversing mills by variational calculus. N. I. Baranov.
Izv. vys. ucheb. zav. chem. met. 10 no 12-65-72 '67
- Method of determining technological parameters for
automatic control of the viscosity of magnetic sus-
pension. M. A. Bastunskii, V. E. Dornin, L. G. Mel'nik.
Khim. i khim. no 1-8-11 '68.
- Methods for balancing an assembly line. N. M. Lomazov.
Sob. AN Gruz. SSR 47 no 1-137-142 Ji '67.
- Minimization of the operator norm in a discrete control
system. V. I. Gasilov. Dokl. AN SSSR 11 no 11-77
478 N '67.
- New automation means in the modernization and design
of machines and automatic lines. S. P. Alekseyev, I. I.
Kapustin, R. R. Kazarian. Kozh.-obuv. prom. 8 no 5
14-18 My '66.
- Optimal learning of automatic systems under varying
conditions. V. S. Pogachev. Avtom. i telem. no. 10-
183-187 O '67.
- Optimal test step of an optimizing controller. O. V.
Tikhonov. Izv. vys. ucheb. zav. i prib. 10 no 2-31-32
'67.
- An optimum control problem. E. M. Polychevskiy.
Vest. Mosk. un. Ser. 1 Mat., mekh. 23 no 1-91-98
Ja-F '68.
- Pig processing by rounding method used for carcass
skinning. I. L. Fisher, I. I. Buzhikovskiy, Khark. spec.
no. 2-11-13 Mi-Apr '66.
- Present-day problems of automation in construction. V. A.
Oglevich, A. M. Ginzburg. Mekh. stroil. 24 no 12-2-4
D '67.
- Problems of automation of production processes in
machine building. I. A. Shumakov. Vest. mashinost.
47 no 12-6-10 D '67.
- Problems of developing transport processes in machine
manufacturing. V. I. Utkova. Trudy Ural. politich.
inst. no 161-67-71 '67.
- Problems of introducing remote control in gas producing
enterprises. I. U. Potutayev, V. T. Sergeyantsev. Gor.
delo no 11-28-32 '67.
- Programmed automatic control of the raising of tempera-
ture in plasmatic apparatus. A. N. Zolotukhin. P. I.
Istomina. Koks. i khim. no 1-18-19 '68.
- Prospects for automatic cutting of knitted fabrics. D. R.
Amirkhanov, I. I. Kapustin. Tekst. prom. 27 no 10-42-
45 O '67.
- Registration in the automatic control of power generating
blocks using universal computers. Teploenergetika 15
no 1-20-24 Ja '68.
- SARV-N unit for the automatic control of water-cement
ratio in a concrete mixture. V. V. Sudakov and others.
Stroil. i arkh. Len. 29 no 8-23 Ag '67.
- Selection of potential function in symmetrical spaces.
M. A. Aizenman, E. M. Braverman, I. I. Romanov.
Avtom. i telem. no. 10-121-152 O '67.
- Simultaneous gas heating of two plates of differing
mass. I. U. G. Aruchenko, F. R. Shklatov. Izv. vys. ucheb.
zav. chem. met. 10 no 11-176-182 '67.
- Some problems in generalized and optimal finite control
of linear systems with lumped parameters. A. G. Iu-
kovskii, L. N. Poltavskii. Avtom. i telem. no. 10-32
48 O '67.
- Some results of scientific research conducted in the field
of automatic control of internal combustion engines by
institutions of higher education. V. I. Kuznetsov. Izv. vys.
ucheb. zav. mashinost. no. 10-45-50 '67.
- Stability of linear systems with variable coefficients.
Nguyen Khuk Loan. Izv. vys. ucheb. zav. i prib. 10
no 2-53-54 '67.
- Statistical dynamics of an automatic phase frequency
control system with proportionally integrating filter.
B. I. Shkhatrin. Avtom. i telem. no. 10-82-88 O '67.
- Statistical models of nonlinear systems. I. U. S. Popov.
Avtom. i telem. no 10-89-108 O '67.
- Strakhov, V. P. [Phase plane method in the theory of
digital servo systems] Metod fazovoi ploskosti v
teorii tsifrovikh slediaschikh sistem. Moskva,
"Energia", 1967. 95 p. (B-k po avtomatike. Vyp. 265)
- Study of some problems in the theory of stability using
Liapunov's vector function technique. A. A. Plotnikovskii,
L. D. Rutkovskaya. Avtom. i telem. no. 10-23-31 O '67.
- Synthesis of cascade control circuits with presence of ran-
dom disturbances. V. I. Rotach, M. B. Khadzhifskii.
Teploenergetika 15 no 1-15-20 Ja '68.
- System for checking the settings of control blocks. F. I.
Shkatov, T. Kh. Kalinin. Izv. vys. ucheb. zav. i prib. 9
no 3-40-45 '66.
- System of automation of the 5G-100/8 compressor unit.
E. V. Dubovskii. Khim. i nef. mashinost. no 1-39-40
Ja '68.
- System of the operative control of mine transportation
operations in open-pit mines. L. A. Andreyev, V. V.
Konstantinovskii, Gor. zhur. 143 no 12-47-50 D '67.
- Thermophysical basis of parameters of sausage pro-
cessing with the purpose of automation. A. Paleev,
A. Brazhnikov. Mias. ind. SSSR 38 no 11-21-22 N '67.
- Transient processes in two-channel systems with com-
plex transfer functions. B. M. Iakovlev. Izv. vys. ucheb.
zav. i prib. 10 no 3-39-43 '67.
- Twenty-second Scientific and Technical Conference on
Magnetic Elements of Automatic Control and Computers.
Elektrichestvo no. 1-82 Ja '68.

621.011 (Continued)

Use of differential couplings in the synthesis of simple adaptive systems of automatic control. A. N. Voronin. *Elektricheskoye* no. 157-61 Ja '68

Use of directed graphs and block diagrams in the study of automatic control. P. A. Ionkin, V. P. Vashchukov. *Elektricheskoye* no. 126-69 D '67

Use of logical devices in the automation of the control of power generating systems. V. V. Pavlov. *Teplotekhnika* 15 no. 124-29 Ja '68

Use of signal relays in instrument servo systems. I. F. Kharlovskii, G. P. Pol'dakov. *Izv. vuz. ucheb. zav. , prib.* 10 no. 351-52 '67

Using semiconductor diodes for spark quenching in the relay equipment of coal mine automatic apparatus. A. I. Garodetskii, E. G. Kogan. *Ugol' Ukr.* 11 no. 123-31 D '67

621.011(474.3)—Latvian S. S. R.

Segal, L. S. [Mechanization and automation of storage operations at the spaite-pit warehouse of the Latvian "Latvskhloztekhnika" base]. *Mekhanizatsia i avtomatizatsia skladshikh i abot na sklade zapaanykh chastei respublikanskoy bazy "Latvskhloztekhnika."* Riga, 1968. 21 p

621.03 PHYSICAL ENGINEERING AND TECHNOLOGICAL PRINCIPLES

Law for investigating acoustic properties of materials. M. A. Tagiev. *Za tekh. prog.* 6 no. 11,7-9, 17 N '66.

621.039 NUCLEAR TECHNOLOGY, NUCLEAR AND ATOMIC ENERGY

Angular distribution of γ -radiation doses behind the graphite from a source with initial energy of 4.45 Mev. V. G. Gololukhin and others. *Atom. energ.* 24 no. 175-76 Ja '68

Calculating the thermal resistance of the contact zone of solids. R. S. Prasolov. *Atom. energ.* 24 no. 186-87 Ja '68

Determination of uranium and plutonium in organic solutions. M. M. Andreeva, N. N. Bykovskii, G. A. Chistiakova. *Atom. energ.* 24 no. 194-96 Ja '68

Development of standard packing acts for the transport of radioactive materials. G. I. Lukishov, O. A. Chelluk. *Atom. energ.* 24 no. 1105-106 Ja '68

Effect of the impurity state of the deformation texture of low-alloyed α -uranium. V. E. Ivanov and others. *Atom. energ.* 24 no. 187-91 Ja '68

Effect of the moderator density on the reactivity of a SM-2 reactor. V. A. Tsykanov and others. *Atom. energ.* 24 no. 184-85 Ja '68

Energy buildup factor in the barrier geometry. V. V. Golub, A. M. Panchenko. *Atom. energ.* 24 no. 171-73 Ja '68

Flux and dose of secondary nucleons at the bombardment of a titanium plane shield by 660 Mev. protons. V. A. Kon'shin, E. S. Matusevich, V. I. Regushevskii. *Atom. energ.* 24 no. 173-75 Ja '68

Graphic method for designing shielding against gamma radiation from volume sources. N. G. Gusev. *Vop. doz. i zashch. ot izluch.* no. 7 107-124 '67

Heat transfer to organic coolants. I. U. P. Shlykov, A. D. Leonaidi. *Atom. energ.* 24 no. 146-48 Ja '68

Integral method of absolute measurements of some nuclear reactor characteristics. A. I. Mogil'ner. *Atom. energ.* 24 no. 170-82 Ja '68

Investigating the movement of material and the process of pulverization in rotary kilns by tagged atoms. E. S. Kichkina and others. *TSEment* 33 no. 6 4-5 N-D '67

Investigating the steady-state stability of a power reactor by means of a single-group diffusion approximation. I. S. Postnikov, E. F. Sabeev. *Atom. energ.* 24 no. 138-43 Ja '68

Irradiation effect on the magnetic properties of the ordered alloy Ni₂Fe. P. L. Gruzin, I. U. S. Kharlamov. *Atom. energ.* 24 no. 146-52 Ja '68

Measuring the relative intensity of the fission reaction. V. V. Bondarenko and others. *Atom. energ.* 24 no. 182-84 Ja '68

Measuring the spectra of scattered neutrons in a synchrocyclotron room. L. R. Kimel' and others. *Atom. energ.* 24 no. 169-71 Ja '68

[Nuclear reactors] Ref. zhur.: *Iad. reak.* no. 12(50), Dec. 1967.

Passage of fast neutrons through a channel partially penetrating the shield. G. M. Bozin and others. *Atom. energ.* 24 no. 170-78 Ja '68

Passage of ionizing radiations through inhomogeneities in the shielding. V. P. Maslovich. *Vop. doz. i zashch. ot izluch.* no. 7 73-86 '67

Present-day trends of study of nuclear reactor shieldings. S. G. Tsyppin. *Vop. doz. i zashch. ot izluch.* no. 7:5-23 '67

Production of multiply charged ions of argon, krypton, xenon, and tungsten from an arc discharge ion source on the stand. A. S. Pasutik, I. U. P. Trof'akov, S. K. Gorbachev. *Atom. energ.* 24 no. 121-24 Ja '68

Study on the spectral and angular distribution of the stream of intermediate neutrons scattered by protective screens. E. A. Kramer-Agoyev, V. S. Troshin. *Vop. doz. i zashch. ot izluch.* no. 7:99-106 '67

Studying the nuclear reactor dynamics by means of a digital computer. M. P. Leonchuk, A. S. Trofimov. *Atom. energ.* 24 no. 162-63 Ja '68

Synthesis and study of properties of the element 102. G. N. Flerov. *Atom. energ.* 24 no. 15-17 Ja '68

Use of the pulse method in checking on the neutron diffusion theory in a medium with channels (a close-packed lattice of small diameter channels). I. T. Zhecherun. *Atom. energ.* 24 no. 133-38 Ja '68

Using the statistical weight method in experimentally determining the absolute reactivity and other values. A. I. Mogil'ner, V. A. Osipov, G. N. Rubin. *Atom. energ.* 24 no. 142-46 Ja '68

621.039(4)—Europe

The European Atomic Energy Society and the atomic business in the "Little Europe." E. Bogoiavlenskii. *Mirovaia mezhdunar. otn.* no. 281-84 '68

621.039(574)—Kazakh S. S. R.

Kazakhstan's reactor has been put into operation. Vest AN Kazakh SSR 23 no. 1182 N '67

621.1 STEAM POWER, ENGINES, BOILERS

Achievements and basic problems of Soviet steam turbine industry. I. I. Kirillov, V. A. Ivanov. *Izv. vuz. ucheb. zav. , energ.* 10 no. 10 67-87 O '67

Apparatus for magnetic treatment of water and water solutions. G. K. Chernov, N. I. Samoilenco. *Energetik* 15 no. 12-12 D '67

Application of condensing units. I. I. Shatov. *Energetik* 15 no. 11-36 N '67

Axial draft and blast machines for small boiler systems. I. U. N. Sokolov and others. *Prom. energ.* 22 no. 12 32-36 D '67

Balancing of the blades of fans of cooling towers on a ball support. G. G. Grin'. *Energetik* 15 no. 12 12-13 D '67

Banding of the drum of the TP-87 boiler. I. P. Semkov. *Energetik* 15 no. 12 8-9 D '67

[Boiler manufacture] Ref. zhur. *Kotlostr.* nos. 11-12(42), Nov-Dec. 1967

Changing of the feed systems of DkV boilers. I. F. Pod'olko, N. G. Vorob'ev. *Prom. energ.* 22 no. 12 26-27 D '67

Comparative study of cascade systems for regulating the temperature of superheated steam. N. D. Aleksandrov, R. I. Filat'eva. *Teplotekhnika* 15 no. 18-15 Ja '68

Composition of the operational chart of a mazut-fired boiler. M. T. Kiuk. *Energetik* 15 no. 12 27-28 D '67

Connection of gas burner unit of boilers to medium pressure networks. V. N. Kirilenko. *Teplotekhnika* 14 no. 12 43-44 D '67

Contents of the periodical "Teplotekhnika" for 1967. *Teplotekhnika* 14 no. 12:87-91 D '67

Contribution of engineers to industrial power engineering. B. D. Belyi. *Prom. energ.* 22 no. 11-10-13 N '67

Conversion of the P-6-35/5 turbine to back pressure operation. I. I. Kharlovskii, B. A. Tikhonov. *Energetik* 15 no. 12 15-17 D '67

Conversion of the welded cases of intracylinder cyclones of high-pressure TP-92 boilers from welded joints to connections pieces with light fit. V. A. Korshunov, V. F. Zhitkov, S. V. Savikhin. *Energetik* 15 no. 11 21-23 N '67

Determining the actual steam content during bubbling in a stabilizing sector. G. G. Bartolomei, M. S. Alkhutov. *Teplotekhnika* 14 no. 12:80-81 D '67

Development of science in the field of central heating. E. I. Sokolov. *Izv. vuz. ucheb. zav. , energ.* 10 no. 10 98-114 O '67

Development of steam turbines by the S. M. Kirov Turbogenerator Factory in Kharkov. E. E. Fridman. *Teplotekhnika* 14 no. 12:2-5 D '67

Effectiveness of the heat insulation of a 300 mw. power generating block. S. T. Voznenko, I. M. Kormer. *Energetik* 15 no. 11 17-18 N '67

Experience in redesigning KDV-6, 5-13 boilers for operation on liquid fuel. V. D. Prosvirnin, E. E. Lakhovskii. *Prom. energ.* 22 no. 12 24-26 D '67

Experience in using a contact feedwater economizer in an industrial thermal electric plant. I. Z. Aronov and others. *Prom. energ.* 22 no. 11:30-33 N '67

Experimental dynamic characteristics of the TPP-110 boiler of a 300 Mw. power generating block. A. A. Vinogradov and others. *Teplotekhnika* 15 no. 1:2-8 Ja '68

Experimental study of the separation of moisture in turbine stages with average flare. M. E. Deich and others. *Teplotekhnika* 15 no. 1:52-57 Ja '68

Firing RT-3 boilers without wood. F. Ilin. *Ty i snab. Sov. Voor.* 51 26 no. 0 80-90 S '66

Flow of a liquid on the surface of moving blades in a turbine stage. M. E. Deich, F. V. Kazimisev, O. A. Povarov. *Teplotekhnika* 14 no. 12:55-59 D '67

Gas dynamic studies of the circulation section of a full-scale low-pressure cylinder of the VK-100-5 turbine before and after modernization. V. P. Lagun, L. I. Simola. *Teplotekhnika* 14 no. 12:17-24 D '67

Hydraulic press for pressurizing equipment. S. A. Vaitalis. *Energetik* 15 no. 12:19 D '67

Hydraulic resistance during condensation of clean steam and steam from steam-gas mixture in a horizontal pipe. L. D. Boiko. *Teplotekhnika* 15 no. 1:41-45 Ja '68

Improved sealing of the shaft of the VD-V reducer. A. I. A. Blinov. *Energetik* 15 no. 12 10 D '67

Investigating the corrosion resistance of condenser pipes from steel. V. N. Gultayev and others. *Teplotekhnika* 14 no. 12 32-36 D '67

Investigating the operation of a 200 Mw. block when high-pressure preheaters are cut off. S. A. Zhekov and others. *Teplotekhnika* 14 no. 12:29-32 D '67

Methods for calculating the central control of an open-closed cycle heat supply system. C. I. Sokolov, V. P. Vozhinskiy. *Teplotekhnika* 14 no. 12:21-28 D '67

Methods for heat engineering calculations of contact type surface water heaters. I. U. P. Sosnina. *Prom. energ.* 22 no. 11 44-50 N '67

Movement of moisture in low pressure stages of steam turbines. I. I. Kirillov, I. P. Paddeev, V. N. Anelushkin. *Izv. vuz. ucheb. zav. , energ.* 10 no. 12:110-112 D '67

Nomograms for calculating the utilization of heat in continuous scavenging of boilers. V. I. Brazhnikov. *Teplotekhnika* 15 no. 1:89-93 Ja '68

Operation of slag pumps fixed at the zero point of an ash bin. I. U. G. Posidnichenko. *Energetik* 15 no. 11 24-25 N '67

Optimal control of the temperature of superheated steam in a boiler. G. I. Khutsik and others. *Teplotekhnika* 14 no. 12:51-54 D '67

Optimal proportioning of liquid stimulants for dropwise condensation. L. A. Minukhin, K. N. Shabalina. *Izv. AN SSSR Energ. i transp.* no. 5 147-150 S-O '67

Placement of a sector of thermal line into operation under cold weather conditions. V. A. El'mov. *Energetik* 15 no. 12 20-21 D '67

Preparation of polyacrylamide solutions. L. D. Raigorodskii, I. U. I. Lopyrev-Belnev. *Energetik* 15 no. 12 14-15 D '67

Prestart chemical cleaning of a once-through type boiler using adipic acid and hydrazine solutions. D. I. Kagan and others. *Teplotekhnika* 14 no. 12:44-48 D '67

Protective semiclutuch of the ULRP-1 coal feeder. *Energetik* 15 no. 11 35 N '67

Representation of mean arithmetic values in testing boilers. M. A. Zemin. *Prom. energ.* 22 no. 11 35-39 N '67

Results of operational tests of the K-300-240 turbine during starts with sliding steam parameters. V. N. Galatun and others. *Teplotekhnika* 14 no. 12 6-12 D '67

Scientific and technical conference on electric boilers and electric boiler systems. K. I. Bankin, P. M. Matko. *Prom. energ.* 22 no. 11:57-59 N '67

Selection of an optimum variant in the modernization of K-25-90 and K-50-90 turbines during conversion of them to central heating mode of operation. N. P. Volkov and others. *Izv. vuz. ucheb. zav. , energ.* 10 no. 12 56-61 D '67

Selection of pipe material for condensers of modern turbines. L. D. Berman. *Teplotekhnika* 15 no. 1:80-80 Ja '68

Special features of the operation of the lower radiational section of the PK-39 boiler of a 300 Mw. block. V. G. Chakrygin and others. *Teplotekhnika* 15 no. 1:30-33 Ja '68

Statistics and forecast of the reliability of power generating blocks. V. I. Glushko. *Teplotekhnika* 14 no. 12 76-78 D '67

Steel compensator with rectangular cross section. A. I. Osokin. *Energetik* 15 no. 12 10 D '67

Study of efficiency and determination of effect of the modernization of the low pressure cylinder of the VK-100-5 turbine. O. B. Abramenko, A. K. Kish. *Teplotekhnika* 14 no. 12:12-17 D '67

Survey of magazine articles on steam turbines for 1966-1967. *Teplotekhnika* 14 no. 12:83-85 D '67

System for the protection of high-pressure heaters. S. M. Komarov. *Energetik* 15 no. 12 17-18 D '67

Thermal calculation of a gas contact water economizer. E. N. Bukhalkin. *Prom. energ.* 22 no. 11:50-54 N '67

Thermal efficiency of power generating blocks with sliding initial steam pressure. V. A. Ivonov, N. A. Sorokin, S. A. Zaslavskii. *Teplotekhnika* 14 no. 12:60-64 D '67

Use of acetic acid for removal of carbonate accumulations. V. P. Kuznetsov, V. F. Stetsiov. *Energetik* 15 no. 12 13-14 D '67

V. A. Molacov, a senior mechanic of the boiler room. P. F. Mavronkov. *Energetik* 15 no. 12:6 D '67

Work analysis of the fractionating column with increased consumption of steam. I. U. P. Bogdanov, V. P. Griaznov. *Fern. i split. prom.* 32 no. 4 5-11 '60

621.1(471.312)—Tula Province

New heating boiler in the Tula Boiler Fan Plant. B. A. Sheherbakov. *Izv. vuz. ucheb. zav. , stroit. i arkhit.* 10 no. 9 97-100 '67

621.1(471.531)—Komi-Permyak National District

Economic premises in the development of central heating in northern districts using P-type back-pressure turbines. L. V. Sannikova. *Trudy Komi fil. AN SSSR* no. 15:29-35 '67

621.22 WATER POWER. UTILIZATION OF HYDRAULIC ENERGY

Achievements in the development of the theory of hydraulic machinery and solution of scientific problems in the construction of world's largest hydraulic turbines. N. V. Kovalev, I. E. Eitinger. *Izv. AN SSSR Energ. i transp.* no. 5 25-38 S-O '67

Guarantee of the reliability of electric power supply of rural consumers and power distribution networks in Latvia Kh IA Valk Energetik 15 no 11 18-20 8 197

3.3 of local measuring of electromagnetic fields of ... high frequency in the study of plasma properties. V.V. Filyov, G.I. Popov. Prib. i tekhn. eksp. no. 2 117-118. M.-Ap. '67.

... with capacitor plates. A.P. Gutsenko, I.N. Magdi. Prib. i tekhn. eksp. II no. 5 209-210 S.-O. '67.

... analyzer of the relationship of amplitude ... A.P. Nekhal, V.V. Marchenkov. Prib. i tekhn. eksp. no. 2 112-116 M.-Ap. '67.

... for the registration of slow neurons on the ... of ZnS(Ag) and Li²PO₄. A.F. Vedeikin. Prib. i tekhn. eksp. no. 2 201-204 M.-Ap. '67.

... Hall magnetometer. D.P. Vasil'yevskaya, I.N. Deminov, N.I. D'ukov. Prib. i tekhn. eksp. II no. 5 201-206 S.-O. '66.

... differential indicator of effective voltage. A.S. M.S. Rostman. Izv. vys. ucheb. zav. , prib. 9 no. 3 33-37 '66.

... of the linearization of the transfer characteristics of ... V.I. Volgin. Avtomatika no. 4 61-71 31-Ag '67.

... of the operating modes of photoelectric shift ... in amplitude impulse-type telemeasuring systems. F.I. Semenov. Izv. vys. ucheb. zav. prib. 9 no. 3 34-38 '67.

... indicator of magnetic field variations based on the Barkhausen effect. I.U. N. Kharitonov. Prib. i tekhn. eksp. II no. 6 206 N-D '66.

... of vibrational transducers of generators. I. D. Guk. Avtomatika no. 1 37-41 11-Ag '67.

... operational features of spectrum transformers. V.M. Chumachenko. Radiotekhnika 22 no. 12 81-86 D '67.

... of generator frequency on the basis of an electronic counting frequency meter. I.M. Beskrovnyy, A.V. Sazonov, V.D. Fedorov. Prib. i tekhn. eksp. no. 2 113-115 31-Ag '67.

... channel highly sensitive spectrum analyzer for measuring low-frequency noise. V.E. Iamnyy. Izv. vys. ucheb. zav. , prib. 10 no. 2 31-36 '67.

... for the recording of some characteristics of a magnetic field. G.I. Duzhnevskiy. Elektrichestvo no. 1 81-82 Ja '68.

... of Hall elements in instrumentation. M. Nalench, B. Kharitonov. Avtomatika no. 4 26-32 31-Ag '67.

... of spectrum transformation in the analysis of frequencies of signals. V.M. Chumachenko. Izv. vys. ucheb. zav. , prib. 9 no. 3 11-17 '66.

... of the pulse method in measuring photomagnetic susceptibility. B.I. Verkhin, K.I. Dudkov. Prib. i tekhn. eksp. II no. 6 129-133 N-D '66.

... divider with the electron switching of transfer constants. G.S. Ordman, A.V. Pipinov. Prib. i tekhn. eksp. no. 2 142-144 M.-Ap. '67.

621.318 APPLIED MAGNETISM. MATERIALS AND APPARATUS

... of the operation of a pressure relay in a hydraulic system of a power pack. M.M. Kuznetsov, A.K. ... Avtomatika, Izv. vys. ucheb. zav. , mashinost. no. 11 113-123 '67.

... of structural networks of electronic models of ferromagnetic apparatus. V.F. Sidayin. Izv. vys. ucheb. zav. , energ. 10 no. 12 103-107 D '67.

... selection of large reactors without a cell. I.V. Maslankov. Elektrichestvo no. 1 39-40 Ja '68.

... of fluctuations in the traction force of a single-phase electric magnet. R.A. Bayashukova. Elektrichestvo no. 1 51-55 Ja '68.

... study of the accuracy of a winding process. M.G. Prinos. Izv. vys. ucheb. zav. , prib. 10 no. 2 114-116 '67.

... speed protection relay with circuit comparing two magnitudes. V.A. Sushka. Elektrichestvo no. 1 25-28 Ja '68.

... the content of a ferromagnetic material in mixtures containing nonferromagnetic substances. I.U. G. Shirokov. Zav. lab. 33 no. 6, 742 '67.

... magnet of Mn-75% Zn on 85 kilogram force. I.N. Gendrasov. Prib. i tekhn. eksp. no. 2 236-239 M.-Ap. '67.

... of an a.c. electromagnetic relay with delay during breaking of contacts. A.P. Nazarenko. Elektrichestvo no. 1 28-30 Ja '68.

... for precise measuring, stabilization, and automatic tuning of the magnetic field of electromagnets. N.G. Afanas'ev, V.M. Deniak, V.I. Stat'ev. Prib. i tekhn. eksp. II no. 5 198-203 S.-O. '66.

... processes in nonlinear magnetic circuits. E.V. Kolesnikov. Izv. vys. ucheb. zav. , elektromekh. no. 11 119-121 N '67.

... methods for the recording of some characteristics of a magnetic field. G.I. Duzhnevskiy. Elektrichestvo no. 1 81-82 Ja '68.

621.319 APPLIED ELECTROSTATICS

... for fluorescent lighting systems. V.T. Renne, V.A. Akopian. Izv. vys. ucheb. zav. , energ. 10 no. 12 120-123 D '67.

... of the pressing-in factor on the electrical strength of a point condenser. N.I. Nuratov. Elektrichestvo no. 1 51-54 Ja '68.

... accelerating tube with sloped fields for electrostatic accelerators. A.N. Seibinov. Prib. i tekhn. eksp. no. 2 30-32 M.-Ap. '67.

Use of electrets in autonomous capacitive generators. B.A. Ponomarev. Elektrichestvo no. 1 65-68 Ja '68.

621.32 ELECTRIC LIGHTING EQUIPMENT. LAMPS

Development of plans for dual receiving control. S.I. Levin and others. Uch. zap. Mord. gos. un. no. 53 86-110 '66.

Effect of the thickness of the luminescent layer on the stability of luminescence excited by intense mercury-argon discharge. V.G. Boos, I.M. Vesel'nikskiy. Svetotekhnika 14 no. 1 1-6 Ja '68.

Effectiveness of start regulating apparatus in high-speed ignition of fluorescent lamps. V.S. Litvinov, O.N. Logunova. Svetotekhnika 14 no. 1 6-11 Ja '68.

Fluorescent lamps with increased operating potential. I.S. Kazantsev. Uch. zap. Mord. gos. un. no. 53 13-35 '66.

Gas-discharge lighting devices with iodide cycle. A.M. Lokinov. Uch. zap. Mord. gos. un. no. 53 11-18 '66.

Networks for switching in fluorescent lamps. A.G. Alkhani. Energetik 15 no. 11 33-35 N '67.

Operation of gas-discharge lamps with active ballast resistance in a three-phase three-wire system. F.S. Kazantsev. Uch. zap. Mord. gos. un. no. 53 36-53 '66.

Operation of high-pressure mercury lamps in switching-in circuits with active ballast resistors. F.S. Kazantsev, I.U. F. Golov. Uch. zap. Mord. gos. un. no. 53 3-12 '66.

Patents on apparatus and devices with "onion" lamps for lighting. N.I. Sleznev. Svetotekhnika 14 no. 1 28 Ja '68.

Start regulating apparatus. A.G. Alkhani and others. Svetotekhnika 13 no. 12 16-18 D '67.

Start-regulating apparatus for 8-volt fluorescent lamps. Svetotekhnika 14 no. 1 30 Ja '68.

Through the pages of foreign magazines. Svetotekhnika 13 no. 12 26-28 D '67.

Through the pages of foreign magazines. Svetotekhnika 11 no. 1 29 Ja '68.

Transient processes in resonant start regulating apparatus. V.E. Lashin. Svetotekhnika 14 no. 1 22-26 Ja '68.

Transistor frequency converters for the brightness control of systems of fluorescent lamps. M.E. Klykov. Svetotekhnika 13 no. 12 14-16 D '67.

Use of electroluminescent panels as lighting sources. I.U. P. Chukova. Svetotekhnika 14 no. 1 13-16 Ja '68.

621.320 LASERS

Calculating the thermal conditions of a periodic-action laser. V.B. Fedorov, V.S. Egorov, I.F. Fedorova. Teplofiz. vys. temp. 5 no. 5 881-888 S.-O. '67.

Effect of color centers on the threshold of ruby generation. Z.I. Moisevich, V.B. Neustuev. Izv. AN SSSR, Ser. fiz. 32 no. 1 1-7 Ja '68.

Effect of large-scale turbulence on the fluctuations of the direction of optical radiation propagation in the surface layer of the atmosphere. V.N. Gendin, S.S. Khmel'nikov. Izv. vys. ucheb. zav. , fiz. 10 no. 11 137-148 '67.

Effect of temperature on the laser generation frequency of CoS₂-CoBr₂ crystals. M.S. Budy, S.V. Zakrevskiy, V.I. Reznichenko. Ukr. fiz. zhur. 12 no. 10 1711-1716 O '67.

Evaporation of a substance under laser radiation. V.N. Rudenko. Teplofiz. vys. temp. 5 no. 5 877-880 S.-O. '67.

A feasible model of a darkening filter. B.I. Stepanov, I.U. M. Grunov, A.A. Chastov. Dokl. AN BSSR II no. 11 979-982 N '67.

Hysteresis and "hard" excitation in a gas laser. V.N. Lisitsyn, V.P. Chebotnev. Prib. i tekhn. eksp. i teoz. fiz. 7 no. 1 1-6 Ja '68.

Kinetic theory of generation of laser radiation in a system with a nonuniformly widened luminescence band. V.S. Mashkevych. Ukr. fiz. zhur. 12 no. 10 1729-1730 O '67.

Measuring the thermal pressure inside a substance heated by laser emission. B.I. Abashkin, A.A. Kalmykov, I.U. P. Pleshanov. PMTF no. 5 107-110 S.-O. '67.

Observation of the transverse oscillation modes in a laser of the middle infrared range. A.P. Pichugin, A.V. Chekan. Trudy Un. druzh. nar. fiz. 23 no. 3 137-144 '67.

Possibilities of superregenerative amplification of the optical radiation. V.K. Nurmukhametov. Trudy Un. druzh. nar. fiz. 23 no. 3 156-166 '67.

Regenerative amplification of the optical radiation. B.P. Kulakov, V.K. Nurmukhametov. Trudy Un. druzh. nar. fiz. 23 no. 3 149-155 '67.

Saturation effect in a helium-neon laser. A.P. Pichugin, A.V. Chekan. Trudy Un. druzh. nar. fiz. 23 no. 3 143-148 '67.

Sensitized luminescence and induced radiation of yttrium-aluminum garnet crystals. R.V. Bakradze and others. Zhur. eksp. i teoz. fiz. 53 no. 2 490-491 Ag '67.

Studying the thresholds of induced Mandel'shtam-Bloch scattering for various media. O. 35p, O. 65p, 1 60p. M.K. Zverev, A.D. Martynov. Prib. i tekhn. eksp. i teoz. fiz. 6 no. 11 931-931 D '67.

Thin spectral structure of the emission of a ruby laser. I.U. P. Saifonov and others. Svetotekhnika 14 no. 1 11-12 Ja '68.

Time-dependent and spectral characteristics of the emission accompanying the damages of rock salt and glass by a laser beam. M.P. Lysytsa, I.V. Fekushazi. Ukr. fiz. zhur. 12 no. 10 1698-1710 O '67.

Ultrasonic device for measuring the radiation power of optical quantum generators. A.N. Bondarenko, G.V. Krivoshechekov, S.I. Marennikov, S.I. Marennikova. Prib. i tekhn. eksp. no. 2 226-227 M.-Ap. '67.

Use of lasers for individual determination of stresses in polarization and optical studies. A.I. Alekseyev, M.Kh. Akhmetzhanov. PMTF no. 5 120-122 S.-O. '67.

Wave propagation in an anisotropic active layer. A.Z. Goncharenko, V.A. Karpenko, Dokl. AN BSSR 11 no. 10 880-882 O '67.

621.33 ELECTRIC TRACTION

Abroskin, P.I., and others. [Mainline electric locomotives, mechanical part of electric locomotives] Magistral'nyye elektr. ovozoy, mekhanicheskaya chast' elektrozovozov. Moskva, "Mashinostroyeniye," 1967. 435 p.

Dependence of equivalent soil resistance on soil structure and parameters of the grounding device. I.A. Shevchik. Vest. TSNII MPS 26 no. 5 51-57 '67.

Design of rubber ring sections of a locomotive traction gear. K.K. Oragvelidze. Vest. TSNII MPS 26 no. 5 42-45 '67.

Designing rectifier networks of diesel locomotive electric transmission systems. V.I. Lipovskiy. Elektrichestvo 39 no. 1 15-17 Ja '68.

Evaluation of potential conditions of transitional processes in traction engines. A.S. Rubanov. Vest. TSNII MPS 26 no. 5 37-39 '67.

High wear-resistant alloys for slip ring parts of trolley buses. M.I.U. Akhmetov. Za. tekhn. prog. 6 no. 11 26-28 N '66.

Results of research on lengthening the life of cone-shaped rubber shock absorbers of the central supports of a VL60 electric locomotive body. V.G. Akimov. Trudy TSNII MPS no. 3 15 60-69 '67.

Self-oscillation frequencies of uniformly rigid sliding current conductors with contact entrance. I.A. Baranov, E.M. Rodinov, M.P. Ruzayev. Izv. vys. ucheb. zav. , prib. 10 no. 3 108-109 '67.

Semiconductor protection system using a current curve. I.P. L'govskiy. Elektrichestvo 39 no. 1 18-20 Ja '68.

Static direct current converter-dividers. G.G. Gendola, A.V. Kaniyev. Trudy TSNII MPS no. 3 45 3-11 '67.

621.33(474.3)—Latvian S.S.R.

[Problems in the manufacture of machinery; exchange of scientific, technical, and production experience]. Voprosy mashinostroyeniya; obmen nauchno-tekhnicheskimi i proizvodstvennymi opytom. Riga, 1962. 157 p.

621.35 APPLIED ELECTROCHEMISTRY. CELLS, BATTERIES, ELECTROLYSIS, ETC.

Anodic polarization of ferromanganese in chloride solutions. R.I. Agladze, M.D. Dzhincharadze. Soob. AN Gruz. SSR 47 no. 1 71-77 11 '67.

Anomalous graphitization of the carbon lining in an aluminum electrolyzer. M.B. Rapoport, I.M. Mal'tseva, M.I. Blushstein. Dokl. AN SSSR 177 no. 1 890-896 D '67.

Behavior of graphite anodes in the electrochemical production of sodium chlorate at different current densities. V.I. Ibrul', P.S. Filippov. Zhur. prikl. khim. 40 no. 11 2482-2487 N '67.

Chronopotentiometric study of the process of electrolytic silver deposition from cyanide electrolytes. R.I.U. Bek, F.A. Neechev, N.T. Kudriavtsev. Elektrichestvo 3 no. 12 1465-1467 D '67.

Electrochemical activity of cuprous oxide in alkaline solutions. V.A. Plokhov, V.N. Fletov. Elektrichestvo 3 no. 12 1458-1462 D '67.

Electrodeposition of silver, copper alloy from pyrophosphate electrolyte. G.K. Barkat and others. Zhur. prikl. khim. 40 no. 11 2497-2501 N '67.

Electrokinetic properties of fluoroplast-1. M.S. Kasimzade. Elektrichestvo 3 no. 12 1468-1471 D '67.

Improving the technological assembling effectiveness of electric filters. S.K. Podol'skiy. Khim. i nef. mashinost. no. 1 14-15 Ja '68.

Initial discharge potential in lead-acid storage batteries with synthetic separators. I.A. Leont'eva, S.G. Selitskaya. Elektrichestvo 39 no. 1 30-34 Ja '68.

Manganese electrodeposition on a rotating electrode in the presence of impurities. D.P. Zosimovich, N.A. Shvab, V.N. Brin'skiy. Elektrichestvo 3 no. 12 1481-1485 D '67.

Means for intensifying corona discharge in electric filters under increased gas pressure. T.G. Apukhtina. Prom. energ. 22 no. 12 17-21 D '67.

Method for decreasing self-discharge in nickel-zinc storage batteries. V.V. Romanov. Elektrichestvo 39 no. 1 50-51 Ja '68.

621.36 THERMOELECTRICITY. ELECTRIC HEATING

Analytical design of controllers for magnetohydrodynamic processes. T.K. Strazeldinov. Avtom. i telem. no. 10 41-52 O '67.

Blowing of low-carbon metal in 100-ton arc furnaces. E.F. Maruzev and others. Izv. vys. ucheb. zav. , chem. met. II no. 1 53-57 '68.

Calculation of the voltamper characteristics of a thermionic emission energy converter. L.S. Bergin, M.I. Ivashchenko, L.A. Iudina. Izv. AN SSSR, Energ. i transp. no. 5 142-146 S.-O. '67.

- 621.37 TECHNIQUE OF ELECTRIC AND ELECTROMAGNETIC WAVES, OSCILLATIONS AND PULSES
- 621.39(575) D—U.S.S.R.
- A generator of pulses of exact amplitude V.M. Rozhnov, Prikl. tekhn. eksp. II no 6 116-119 N-D '66.
- A generator of triple nanosecond electric and light pulses N.G. Afanasiev, A.M. Dmitriyev, I.I. Statitskiy, Prikl. tekhn. eksp. II no 3 226-230 S-O '66.
- High frequency correction in circuits of non-linear amplifiers on tubes with secondary electron emission O.S. Fedotko, Prikl. tekhn. eksp. II no 2 215-216 M-Ap '67.
- A high-speed pulsed oscillator of high sensitivity L.S. Butcher, V.S. Piskunov, Prikl. tekhn. eksp. II no 5 161-165 S-O '66.
- Ion-cyclotron instability of a plasma in an additive trap with a minimum B II T.B. Babichikov and others Zhur. eksp. i teor. fiz. 73 no 2 513-527 Ag '67.
- Individual counting of microscopic objects with release of printed information Sobolev, Prikl. tekhn. eksp. II no 3 166-170 S-O '66.
- Integration of pulses distributed according to duration, IU.S. Kharitonov, Prikl. tekhn. eksp. II no 2 227-228 S-O '66.
- Losses in stratified dielectric wave guides A.N. Marchuk, V.E. Sotin, Trudy Un. druzh. naizn. Fiz. 23 no 3 130-136 '67.
- Multichannel unit V.A. Vazir, P.P. Krasnosel'skiy, Prikl. tekhn. eksp. II no 2 120-132 M-Ap '67.
- Measuring the second emission characteristics of diode-tubes and semiconductor L.F. Antonina, G.B. Stuchinskiy, Prikl. tekhn. eksp. II no 2 231-232 M-Ap '67.
- Method for determining weight coefficients in the synthesis of frequency characteristics in delay lines with branches N.I. Kaushanskii, Radiotekhnika 22 no 12 9-12 D '67.
- Methods for computing transients in a system consisting of a static frequency converter and an induction motor A.A. Fendilzade, B.A. Lastengard, Izv. AN SSSR, Fiz. i tekh. nauch. 5 no 113-116 S-O '67.
- Methods for the determination of two trees of a graph in the topology of electrical networks O.T. Geraskin, Izv. AN SSSR, Energ. i tekh. nauch. 5 no 108-112 S-O '67.
- An MNV-VZ-V unit for simulating the electrodynamic field in radiowave guides by the induction current method Yu.A. Sedvin, V.P. Pronin, Prikl. tekhn. eksp. II no 5 121-128 N-D '66.
- New method for measuring the oscillatory power of tube-type oscillators I.V. Egorov, Izv. vyz. ucheb. zap. prib. 10 no 3 14-18 '67.
- Ordinary transistor amplifier with suppression of spurious directing M.Z. Chapovskiy, Prikl. tekhn. eksp. II no 2 213-214 M-Ap '67.
- Oscillations of a current in n-germanium doped with manganese I.V. Kapurova, S.G. Kalashnikov, Pis'ma red. Zhur. eksp. i teor. fiz. 6 no 1 954-956 D '67.
- Parasitic amplifiers V.M. Petrov, Trudy Un. druzh. naizn. Fiz. 23 no 3 185-195 '67.
- Passage of a balance-modulated signal with noise through a frequency doubler V.S. Ol'khovich, Radiotekhnika 22 no 12 76-79 D '67.
- Performance of secondary emission tubes in a linear amplification device V.M. Rozhnov, Prikl. tekhn. eksp. II no 6 189-190 N-D '66.
- Propagation of the E-type surface wave in a three-layer dielectric wave guide A.N. Marchuk, V.E. Sotin, Trudy Un. druzh. naizn. Fiz. 23 no 3 124-126 '67.
- Protection of translator amplifiers of multiplexing apparatus of coaxial long-distance cables, M.I. Mikhailov, L.D. Razumov, Elektrosvyaz' 21 no 11 62-70 N '67.
- Pulse amplitude selector using transistors, V.A. Dolotovskiy, Izv. vyz. ucheb. zav., prib. 9 no 3 63-67 '66.
- Pulses generated with regulated delay on tunneled diodes, S.D. Dunayev, M.I. Shechelev, Prikl. tekhn. eksp. II no 2 217-218 M-Ap '67.
- Radiospectrometer with a high modulation frequency, I.A. Deruhin, V.V. Zaporozhets, Priroda-Nauka, Uzb. fiz. zhur. 12 no 1741-1752 O '67.
- Relaxation generators equipped with secondary electron emission tubes O.S. Holotov, Prikl. tekhn. eksp. II no 5 191-192 N-D '66.
- Reversible deaccretion counter and converter of the number of pulses into the corresponding voltage, V.B. Nazarov and others, Prikl. tekhn. eksp. II no 5 110-114 S-O '66.
- Semiconductor pulse modulator for a tube-type high-frequency oscillator, V.A. Rezvev, L.I. Udlin, Prikl. tekhn. eksp. II no 2 219-220 M-Ap '67.
- Shift register without shunting diodes, L.A. Chernenkov, E.A. Demin, Izv. vyz. ucheb. zav., prib. 10 no 2 61-67 '67.
- Signal attenuation in a wireless electric communication channel, IU.S. Kengerlinskii, L.A. Gavrilskii, Izv. vyz. ucheb. zav., mehf. i gaz. 8 no 9 70-76 '65.
- A static decimal register with visual indicators, V.P. Bakalinskii, V.V. Buganenko, V.P. Symmal, Prikl. tekhn. eksp. II no 6 195-196 N-D '66.
- Synthesis of bistable circuits (without reactive elements) with resistance values which vary due to the action of external factors, I.V. Gurevich, Izv. vyz. ucheb. zav., prib. 10 no 2 37-41 '67.
- A transistorized generator of periodic pulse groups, A.D. Sorov, Prikl. tekhn. eksp. II no 5 159-161 S-O '66.
- Use of electrophotography in measuring the width of the sensitive area of germanium p-n-n detectors, A.S. Antonov, L.G. Iuskesheleva, Prikl. tekhn. eksp. II no 6 185-187 N-D '66.
- 621.38 ELECTRONICS
- Averaging of electronic petrochemical moisture meters I.U. Kuzman, Izv. vyz. ucheb. zav., prib. 10 no 12 99-102 '65.
- Analytical design of an optimal gyroplane regulator A.G. Aleksandrov, Avtom. i telemek. no 11 19-20 '66.
- Approximate analysis of accuracy of nonlinear systems with feedback M.I. Dushkevich, Avtom. i telemek. no 11 67-81 N '66.
- Asymptotic methods for studying quasi-stationary motion in continuous systems of automatic optimization M.I. Medvedev, Avtom. i telemek. no 11 101-109 N '66.
- Asymptotic stability of Beiss evaluations of link parameters in programming pattern recognition A.B. Khabibulin, Avtom. i telemek. no 11 197-199 N '66.
- Automatic cognition of electrocardiogram strings machine programming algorithm L.A. Aschennikova, Avtom. i telemek. no 11 115-118 N '67.
- A dc stabilization system with e.p.a. transistors IU.N. Denisov, S.A. Ivashkevich, V.V. Katubachikov, Prikl. tekhn. eksp. II no 5 177-180 S-O '66.
- Device for high-voltage scanning of electron beams V.K. Kutakh, A.S. Neomela, Prikl. tekhn. eksp. II no 5 11-13 S-O '66.
- [Electronics and its application] Ref. zhur., Elektr. i telemek. prim. nos. 1-3 (23A), Jan.-Mar. 1968.
- Equivalent transfer function of "demodulation" circuit-modulator V.I. Kostov, Avtom. i telemek. no 11 109-118 N '67.
- First All-Union symposium on statistical problems in engineering cybernetics V.S. Pugachev, M.Ye. Rodionov, V.M. Chudakov, Avtom. i telemek. no 11 207-214 S-O '67.
- Frequency criteria of the absence of parasitic oscillations I.D. Garbin, Avtom. i telemek. no 11 176-181 S-O '67.
- High-speed protection relay with circuit components of small magnitudes V.A. Suslov, Elektrotekhnika, Prikl. tekhn. eksp. 25-28 Ju '68.
- High-speed single-cycle transmission relays N.M. Nikiforuk, Prikl. tekhn. eksp. II no 6 111-112 S-O '66.
- Intermittent procedures in frequency-multiplexed systems V.I. Dymkov, Avtom. i telemek. no 11 101-108 N '67.
- LAYOUT of a logical unit for organizing search V.M. Dudchenko, Duobit. Avtom. i telemek. no 11 200-206 N '67.
- Logarithmic amplitude-to-number conversion operation on an oscillatory circuit with a damping applier A.N. Galadov, IU.V. Minerv, I.D. Rypoport, Prikl. tekhn. eksp. II no 5 141-146 S-O '66.
- Mass-spectrometric method for the analysis of the composition of distillation oils A.A. Polinkovskaya, H.A. Khmel'nitskiy, P.A. Medvedev, Khim. i tekh. anal. mater. 10 no 6 656-660 Ju '66.
- Method for calculating an automatic control system taking into account limits with distributed parameters and given response A.B. Kadyanova, H.A. Lukatskiy, Avtom. i telemek. no 11 191-196 N '67.
- Method for using an oscilloscope in studying amplifiers N.M. Kozhevnikov, Uch. zap. Mezhduzv. univ. no 5 1-6 '66.
- Method of calculating optimal word schedule for analyzing plant on electronic computer, D.A. Bokhidze, Prikl. Rad. i tekh. 9 no 12 66-61 D '67.
- Minimization of sequential machines in respect to regular events complete on the right, G.G. Mal'tsev, Avtom. i telemek. no 11 110-113 N '67.
- A multichannel electronic commutator, D.A. Lobin, Prikl. tekhn. eksp. II no 5 148-150 S-O '66.
- Nanoscale coincidence circuit using a semiconductor radiation tube for controlling spark chambers, G.F. Bogdanov, D.A. Stefanova, Prikl. tekhn. eksp. II no 5 225-226 S-O '66.
- Nanoscale coincidence circuit, S.G. Davlatbekov, Prikl. tekhn. eksp. II no 5 123-127 S-O '66.
- A nonoverlapping transistorized amplifier, I.N. Migutin, M.Z. Chapovskiy, Prikl. tekhn. eksp. II no 5 118-119 S-O '66.
- Restoration of the characteristics of one nonlinear link according to input and output signals A.B. Glukhov, Avtom. i telemek. no 11 82-90 N '67.
- Shovelonko, G.I. [Summary of lectures in the course "Industrial electronic devices"] Konspekt lektsii kursa "Promyshlennyye elektronnyye ustroystva" Zhid. A.A. Lukin, Moskva, Mosk. energ. inst. Ch. I [Design principles] Osnovy projektirovaniya 1967 97 p.
- Silicon carbide low-voltage digital indicators, L.I. Volyn, G.F. Kholinikov, Prikl. tekhn. eksp. II no 5 220-221 S-O '66.
- Some problems of classification of mass objects V.A. Smoltanskiy, Avtom. i telemek. no 11 154-158 N '66.
- Stabilization of programmed motion in control systems with incomplete information S.K. Myshkov, Avtom. i telemek. no 11 50-61 N '67.
- A stable selective low-frequency amplifiers, L.V. Ivanov, Prikl. tekhn. eksp. II no 5 139-143 S-O '66.
- Standard discrete circuits using triglysters and triacs V.G. Mashlykin, Avtom. i telemek. no 11 150-160 N '66.
- Study of the steady-state processes in a stepping optimizing control system with interference and drift in the characteristic of the plant using an approximate method, IU.P. Red'ko, Avtom. i telemek. no 11 140-141 N '67.

621.33 (Continued)

- Scanning of beam-stabilizing dosimeters based on the combination image converter-scintillator. IU B. Farafitsa. Med. tekhn. 1 no. 3 22-27 Mr.-Je '67.
- Transfer of information from an AI-100-1 analyzer onto an automatic recorder. IU G. Degtyarev, V. N. Protogopov. Prib. i tekhn. eksp. no. 11 91-100 N-D '66.
- Utilizing infrared equipment in medicine. IA. M. Varanovskii. Voen.-med. zhur. no. 12 36-39 D '67.

621.38(431)—German Democratic Republic

- Exhibition "Electrical engineering, electronics, and automatic equipment of the German Democratic Republic" in Moscow. A. Chelyshev, V. Davydova. Mch.-ele. prom. 33 no. 12 25 D '67.

621.382 SEMICONDUCTOR DEVICES

- Dependence of static current gain of a transistor on its switching operation in switching circuits. A. K. Makarov. Izv. vys. ucheb. zav., prib. 10 no. 3 41-47 '67.
- Electric characteristics of surface-barrier nickel-gallium arsenide diodes. A. P. Viatkin and others. Izv. vys. ucheb. zav., prib. 10 no. 11 88-94 '67.
- Feeding modulated radiation sources based on gallium arsenide diodes. Prib. i tekhn. eksp. 11 no. 5 235-236 S-O '66.
- Formation of nanosecond pulses in a transistorized block-oscillator. IU. V. Mincev. Prib. i tekhn. eksp. 11 no. 5 131-133 S-O '66.
- Indication of non-equilibrium processes in semiconductors with the use of regenerative ultra-high frequency. T. M. Gershenzon, L. A. Orlov, L. L. Shmicheva. Prib. i tekhn. eksp. no. 2 185-188 Mr.-Ap '67.
- Method for periodic compensation of drift in transistor amplifiers. V. I. Anisimov, O. I. Tishchenko. Izv. vys. ucheb. zav., prib. 10 no. 3 7-10 '67.
- Noises of transistors on audio frequencies. IU S. Karpov. Izv. vys. ucheb. zav., prib. 10 no. 2 8-10 '67.
- Optimal distribution of solid state modules in a micro-block with forced cooling. V. M. Alekhin, V. A. Labynets, A. V. Pertsev. Radiotekhnika 22 no. 11 66-70 N '67.
- Pulse generator with regulated delay on tunnel diodes. S. D. Dumayev, M. I. Shechevlev. Prib. i tekhn. eksp. no. 2 217-218 Mr.-Ap '67.
- Quick-acting scatter on tunnel diodes. M. K. Efimechik and others. Prib. i tekhn. eksp. 11 no. 5 134-135 S-O '66.
- Smolov, V. B. [Diode functional converters] Diodnye funktsional'nye preobrazovateli. Leningrad, "Energia," 1967. 136 p. (B-ka po avtomatike. Vyp. 259).
- Strain sensitivity in indium antimonide films. N. N. Sirota, E. I. Bolvanovich. Dokl. AN BSSR 11 no. 10 891-892 O '67.
- Tin multilayered contacts of gallium arsenide-metal. IU. A. G. Koberg, D. N. Nasledov, B. V. Tsarenkov. Prib. i tekhn. eksp. 11 no. 6 180-184 N-D '66.
- Transistor voltage regulators with different combinations of polarity of input and output voltages. M. B. Leiman, R. K. Pakhlavani. Izv. vys. ucheb. zav., prib. 10 no. 2 3-7 '67.
- Universal device for the synthesis and crystallization of semiconducting materials. I. I. Tyshina and others. Prib. i tekhn. eksp. no. 2 188-191 Mr.-Ap '67.
- Use of an electronic integrator for measuring the life of carriers in transistors. V. V. Pasynkov, B. E. Savilev, A. D. Shinkov. Izv. vys. ucheb. zav., prib. 10 no. 3 3-9 '66.

621.383 PHOTOELECTRIC TUBES, CELLS, IMAGE CONVERTERS

- Comparison of photoemission characteristics of some metals in with differently treated surfaces in the region of soft X-ray emission. S. A. Ivanov, F. N. Kharadzha, F. F. Chigak. Izv. vys. ucheb. zav., prib. 10 no. 3 3-6 '67.
- Effect of some factors on the process of heat compensation in circuits with FEES-U-type photoelectric elements. V. V. Tereshin. Izv. vys. ucheb. zav., prib. 10 no. 2 11-13 '67.
- Evaluation of the properties of some scintillators as converters of gamma images into visible ones. G. I. Zaidman, D. I. Svirskii, A. P. Shpagin. Prib. i tekhn. eksp. 11 no. 6 90-93 N-D '66.
- New series of photoelectric multipliers of the "lowered" type. G. S. Vildgrube and others. Prib. i tekhn. eksp. no. 2 158-163 Mr.-Ap '67.
- Parameters of counting-time photoelectric multipliers under conditions of high pulsed output currents. V. I. A. Acherchenkov and others. Prib. i tekhn. eksp. 11 no. 5 189-191 S-O '66.
- Some possibilities of using IEU-36 in a controlled system. IU. D. Klebanov, L. A. Lozina. Prib. i tekhn. eksp. no. 2 127-129 Mr.-Ap '67.

621.384 PRODUCTION OF ACTIVE RAYS, CORPUSCULAR BEAMS

- Aperiodic winding of magnetic biasing of high power frequency-modulated self-oscillators for the feeding of accelerating synchrotron resonators. O. A. Nezhovenko and others. Prib. i tekhn. eksp. no. 2 17-20 Mr.-Ap '67.

Circuit for the excitation of a high-power cascade in a high-frequency amplifier for feeding resonators of cyclic and linear accelerators. IU. A. Grits and others. Prib. i tekhn. eksp. 11 no. 6 39-40 N-D '66.

Device for determining the shifting of D-electrodes in a cyclotron. S. Papurany. Prib. i tekhn. eksp. 11 no. 6 39-41 S-O '66.

Electron gun for models of heavy-current proton accelerators. A. A. Glazov, D. L. Novikov. Prib. i tekhn. eksp. no. 2 33-35 Mr.-Ap '67.

The electronic "Sirius". G. Saksaganskii. NTO 9 no. 12 40-41 D '67.

Experimental study of the variation of electron beam cross sections in a 1.5 GeV synchrotron. IU. A. Belik and others. Atom. energ. 24 no. 1 25-28 Ja '68.

Focusing by an accelerating field and phase oscillations. A. P. Mal'tsev, E. A. Zotova, V. A. Teplov. Prib. i tekhn. eksp. 11 no. 6 17-19 N-D '66.

Heavy-current resonator accelerator of electrons. D. V. Iemashvili, N. I. Kontsev, A. A. Plutov. Prib. i tekhn. eksp. no. 2 35-40 Mr.-Ap '67.

Improving the characteristics of the quadrupole mass-spectrometer by means of a secondary-electron multiplier. G. I. Stodolnuk, A. I. Titov. Prib. i tekhn. eksp. no. 2 155-158 Mr.-Ap '67.

Indication of an electron beam by the radiation of residual gas. R. G. Biktanov and others. Atom. energ. 21 no. 1 63-64 Ja '66.

Ion source for an MI-1305 mass spectrometer for high-temperature thermodynamic studies. V. I. Belousov and others. Prib. i tekhn. eksp. 11 no. 5 231-232 S-O '66.

Mass spectrometric study of the products of cesium carbonate evaporation. A. V. Gusev and others. Teplofiz. vys. temp. 5 no. 5 783-788 S-O '67.

Measurement of the current phase density of a pulsed proton beam. V. A. Balala, V. I. Moguchev. Prib. i tekhn. eksp. 11 no. 5 26-32 S-O '66.

Method for studying resonances of Betatron oscillations in electron accelerators and storage systems. O. F. Kulikov and others. Prib. i tekhn. eksp. 11 no. 6 20-21 N-D '66.

Modernization of the linear electron accelerator of the Institute of Atomic Energy. N. N. Fletov, V. P. Lipatov, A. V. Alefiev. Prib. i tekhn. eksp. no. 2 41-45 Mr.-Ap '67.

New variant of a mass spectrometer with double focusing. M. M. Bledov, E. G. Ostroumova. Prib. i tekhn. eksp. 11 no. 6 148-149 N-D '66.

Noise of photoelectron multipliers. T. A. Kovaleva and others. Prib. i tekhn. eksp. 11 no. 5 5-19 S-O '66.

Practices in using the linear electronic accelerator. IU. D. Kozlov, A. S. Iafushin. Prib. i tekhn. eksp. no. 2 202 Mr.-Ap '67.

Production of multiply charged ions of argon, krypton, xenon, and tungsten from an arc discharge ion source on the stand. A. S. Pashur, IU. P. Triclov, S. K. Gorbachev. Atom. energ. 24 no. 1 21-24 Ja '68.

Scintillation accelerating tube with sloped fields for electrostatic acceleration. A. N. Seibinov. Prib. i tekhn. eksp. no. 2 30-32 Mr.-Ap '67.

Slow lead of protons from the proton-synchrotron on a 70 giga-electron-volt. IU. G. Glushko, D. G. Koshkaev. Prib. i tekhn. eksp. no. 2 14-17 Mr.-Ap '67.

System for recording fission fragments on the internal beam of a 310 centimeter cyclotron. E. G. Imaev, B. V. Fedotov, L. P. Chelnokov. Prib. i tekhn. eksp. 11 no. 5 19-26 S-O '66.

System of multiple acceleration for an electrodynamic separator of high-energy particles. V. A. Vagin and others. Prib. i tekhn. eksp. 11 no. 6 22-25 N-D '66.

Use of an electronic digital computer in simulating the accelerating process in a high-current linear accelerator. V. A. Fna'lskii, V. V. Osipov. PMTF no. 5 28-36 S-O '67.

Use of an electronic multiplier with a continuous dynode in mass spectrometry. I. V. Spirukov, IU. N. Lushkov. Prib. i tekhn. eksp. 11 no. 5 173-176 S-O '66.

Use of the working magnetic field of a cyclotron in making electric drives for measuring devices. N. V. Spinko, N. D. Fedorov. Prib. i tekhn. eksp. 11 no. 6 41-43 N-D '66.

Wide-area photoelectric radiation receivers. L. S. Kremenchukskii, A. F. Mal'nev, V. B. Samolov. Prib. i tekhn. eksp. 11 no. 6 169-171 N-D '66.

621.385 ELECTRONIC DISCHARGE TUBES

An electronic digital voltmeter used as a voltage integrator. V. Velasman. Prib. i tekhn. eksp. 11 no. 6 193-194 N-D '66.

Illumination system of an electron microscope consisting of an X-ray microanalyzer. B. N. Vasichiev and others. Prib. i tekhn. eksp. 11 no. 6 176-180 N-D '66.

Performance of secondary emission tubes in a linear amplification mode. V. M. Roznikov. Prib. i tekhn. eksp. 11 no. 6 189-190 N-D '66.

Studying the effect of pole pieces on the magnetic field configurations in the space of interaction between some superhigh frequency M-type devices. V. V. Savin. Trudy Un druzh nar. 23 no. 3 106-119 '67.

621.386 X-RAY TUBES AND ACCESSORIES

Generation of intense pulses of soft X-radiation. V. I. A. Ovechkin, N. A. Generalov. Prib. i tekhn. eksp. 11 no. 5 240-241 S-O '66.

Illuminating power of a vacuum X-ray monochromator with a stationary reception part. L. G. Elisenko, V. N. Schencler, M. A. Rumsh. Prib. i tekhn. eksp. no. 2 180-185 Mr.-Ap '67.

Methods and devices for X-ray diffraction examination. I. M. Lobov, V. N. Fumov, V. A. Tsukerman. Prib. i tekhn. eksp. 11 no. 6 172-176 N-D '66.

621.387 GAS-FILLED TUBES, COUNTERS, THYRATONS

Anisotropy of scintillation properties of stilbene and its use for the production of directed detectors of neutrons. E. M. Opranin, A. I. Saukov. Prib. i tekhn. eksp. no. 2 98-109 Mr.-Ap '67.

Current of the double addition in the scintillation spectrometer of neutrons with the discrimination of gamma-background by the de-excitation time. V. I. Kukhtevich, I. A. Trykov, O. A. Trykov. Prib. i tekhn. eksp. no. 2 45-49 Mr.-Ap '67.

Ionization of gas in the acceleration gap of a gas-filled neutron pipe. IU. I. Sobolov. Prib. i tekhn. eksp. no. 2 199-201 Mr.-Ap '67.

Luminescence of scintillators excited by pulse X-radiation. S. V. Pestov, S. V. Lubrdov. Prib. i tekhn. eksp. 11 no. 6 88-89 N-D '66.

Multifilament proportional counter for the separation of stopped particles in a thin gas medium. M. M. Kulukin and others. Prib. i tekhn. eksp. no. 2 101-104 Mr.-Ap '67.

Multilayer scintillation detector of gamma-rays. IU. P. Popov, M. Stempinski. Prib. i tekhn. eksp. no. 2 94-97 Mr.-Ap '67.

Nonuniformity of light assemblage from large scintillators by various light guides. S. G. Tonpetian and others. Prib. i tekhn. eksp. no. 2 201-205 Mr.-Ap '67.

Plastic scintillators on compound basis. V. D. Bezuglyi, S. A. Mikhina. Prib. i tekhn. eksp. no. 2 82-84 Mr.-Ap '67.

Statistical accuracy of measurement, resolving the capacity of a scintillating spectrometer. IU. A. Tsilim, V. M. Elferman. Prib. i tekhn. eksp. no. 2 49-51 Mr.-Ap '67.

Temporary statistics of the sensitive contents of a scintillation counter. V. V. Iakushin. Prib. i tekhn. eksp. no. 2 84-89 Mr.-Ap '67.

Vacuum scintillation detector with a multilayer target for the study of rare (n, p) type reactions. I. Kvitik, IU. P. Popov, K. G. Radionov. Prib. i tekhn. eksp. no. 2 90-91 Mr.-Ap '67.

621.388 OTHER ELECTRONIC APPARATUS

An alternating voltage stabilizer. I. A. Maleev. Prib. i tekhn. eksp. 11 no. 6 141-142 N-D '66.

Device for measuring the deviation of mean counting rate with discrete transformation of a signal. T. R. Tsvetava, IU. P. Piontek. Atom. energ. 21 no. 1 105 Ja '68.

Semiatomistic fill-up system of mass spectrometers. A. V. Eizenko, L. I. Ageeva. Prib. i tekhn. eksp. 11 no. 6 199 N-D '66.

Simple plasmatron for classroom demonstrations. V. F. Kolesnikov, S. P. Polinokov, V. I. Tverdokhlebov. Usp. fiz. nauk 91 no. 1 199 Ja '68.

Thermal networks of air-cooled radio-electronic apparatus. G. N. Duf'nev, N. N. Iarnovskii. Izv. vys. ucheb. zav., prib. 10 no. 2 98-101 '67.

621.39 TELECOMMUNICATION

Communication equipment in servicing the Operational and Technical Directorate of Communication. H. I. Vizal'ir. Vest. aviaz. 27 no. 12 15-18 D '67.

Contribution to a problem on signal filtration. A. G. Senin. Avtom. i telem. no. 11 187-190 N '67.

Fiftieth anniversary of the Great October Revolution. I. V. Klokov. Elektr. svyaz. 21 no. 11 1-3 N '67.

Visibility up to half a million kilometers. G. Pokrovskii. Kiy. rad. 17 no. 6 27 Je '66.

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... To the cosmic relay system. A. Efibaev. Nar. khoz. Kazakh. 25 no. 11 49-50 N '67.

621.391 GENERAL ELECTRICAL (COMMUNICATION) PROBLEMS

Calculation of the reliability of shortwave radio communications. E. N. Konopleva. Elektr. svyaz. 21 no. 11 36-38 N '67.

Design of filters using their characteristic parameters with given delay time characteristic in the pass band. A. A. Shmidel. Elektr. svyaz. 21 no. 11 25-35 N '67.

Distortions of discrete signals in narrow band channels with fading. V. M. Rozov. Radiotekhnika 22 no. 11 75-79 N '67.

Interference stability of magnetic recording systems. V. B. Minukhin. Radiotekhnika 22 no. 12 61-69 D '67.

Law of nonstationary phase distribution. V. V. Zaikin. Radiotekhnika 22 no. 12 1-8 D '67.

Maximum proper evaluation of input time for a signal with unknown form. S. M. Fleisher. Radiotekhnika 22 no. 12 92-98 D '67.

Multichannel spectrum analyzer of whistling atmospherics and low-frequency amplifier radiations. IU. V. Kiselev, IA. I. Likhter, IA. P. Sobolov. Geomag. iur. 7 no. 6 1071-1076 '67.

Protection of transistor amplifiers of multiplexing apparatus of coaxial long-distance cables. M. I. Mikhailov, L. D. Razumov. Elektr. svyaz. 21 no. 11 82-70 N '67.

- 621.391 (to be continued) ...
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Building gas turbines for gas pipelines. L. A. Kuznetsov, A. A. Krut'ko. *Gaz. prom.* 12 no. 12-13 D '67.
Calculation of emptying a reservoir through a valve and pipeline. N. S. Khama, *Vest. mashinost.* 17 no. 12-13 D '67.
Determination of air distribution by the separation of channels of ribbed heads and cylinders. N. I. Molodtsov, *Izv. vys. ucheb. zav., mashinost.* no. 11-12 D '67.
Determining the irregular performance coefficient of an engine. G. N. Zlotin, *Izv. vys. ucheb. zav., mashinost.* no. 9-11 D '67.
Development of gas turbine engineering. V. V. Ivanov, *Izv. vys. ucheb. zav., mashinost.* no. 10-11 D '67.
Development of gas turbines abroad. V. S. Bekasov, V. G. Tyshkin, A. P. Chernobrovkin, *Teploenergetika* 15 no. 1-2 D '67.
Development of open-cycle gas-turbine units for basic loads. V. V. Uvarov, V. S. Bekasov, A. P. Chernobrovkin, *Izv. vys. ucheb. zav., mashinost.* no. 10-11 D '67.
Effect of the number of stages in a free turbine on its traction performance. R. N. Shennikman, *Trudy TGU MPS* no. 345-34-59 '67.
Errors in the thermocouple recording in measuring the temperature of the engine cylinder. N. I. Molodtsov, *Izv. vys. ucheb. zav., mashinost.* no. 9-10 D '67.
GTK-10 gas turbine unit with the 520-12-1 centrifugal supercharger. I. U. N. Vasil'ev, *Gaz. prom.* 12 no. 12-13 D '67.
Improvement of pick-up and short-duration firing of a gas turbine engine by injection of water and addition of fuel into its combustion chamber. I. U. N. Vasil'ev, *Izv. vys. ucheb. zav., mashinost.* no. 11-12 D '67.
[Internal combustion engines] Ref. zhur. *Divg. mot. sgor.* no. 12, Dec. 1967.
Investigating phenomena occurring in the exhaust system of an internal combustion engine during the passage of free exhaust. B. Kh. Draymanov, *Izv. vys. ucheb. zav., mashinost.* no. 9-10 D '67.
Investigating the flow of air charge in the precombustion chamber with a minor pressure drop. Z. M. Gerasimov, *Za tekhn. prog.* 6 no. 11-12 D '67.
Investigating the performance of the 10-20 diesel engine using light fuel. V. S. Panchikov, A. S. Gerasimov, *Za tekhn. prog.* 6 no. 11-12 D '67.
Maximum operational capacity of a traction turbine performance conditioned on the emergence of negative braking moments. R. N. Shennikman, *Trudy TGU MPS* no. 345-34-59 '67.
Method for reducing the nonuniformity of the heating of gas turbine discs. A. P. Dimin'yan and others. *Teploenergetika* 15 no. 1-2 D '67.
Optimum oil feed by lubricators in piston engines. I. U. N. Vasil'ev, B. K. Gerasimov, *Vest. mashinost.* no. 12-13 D '67.
Some results of scientific research conducted in the field of automatic control of internal combustion engines by institutions of higher education. V. I. Kuznetsov, *Izv. vys. ucheb. zav., mashinost.* no. 10-11 D '67.
Soviet diesel engine building and work done in this field at the institutions of higher education. A. S. Gerasimov, M. I. Kuznetsov, *Izv. vys. ucheb. zav., mashinost.* no. 10-11 D '67.
Special features of the operation of twin-cylinder gas generators. I. U. N. Vasil'ev, *Teploenergetika* 15 no. 345-34-59 '67.
Stages and prospects for the development of the Soviet gas turbine industry. I. A. Sidorov, *Izv. vys. ucheb. zav., mashinost.* no. 10-11 D '67.
Starting and warming up main diesel engines. M. I. Lyubov, *Mot. shor.* 50 no. 11-12 D '67.
Study of economic effectiveness of heat regeneration in gas turbine systems. P. T. Matkovskiy, A. I. Tikhonov, *Izv. vys. ucheb. zav., mashinost.* no. 10-11 D '67.
Studying the dispersion of the spray of a mechanical fuel screw atomizer. I. G. Mit, I. N. Ponomarev, *Khim. i neft. mashinost.* no. 4-15-18 Ap '67.
Absorber-desorber in the process of chemisorption as an object of automatic optimization. I. A. Ibragimov, M. S. Mett, *Izv. vys. ucheb. zav., mashinost.* no. 10-11 D '67.
Achievement of a vacuum of 10⁻⁶ torr by means of steam jet pumps using polyphenyl ether without fluorinated traps. M. L. Alashkevich, V. I. Mirmanova, *Prilozh. k tekhn. eksp.* 11 no. 6-13 D '67.
Air-cooled condensers and coolers of the firm GEA. I. A. Kuznetsov, *Khim. i neft. mashinost.* no. 4-15-18 Ap '67.
Analytic study of the vibrations of a piston compressor. S. A. Borshadskiy, *Khim. i neft. mashinost.* no. 4-15-18 Ap '67.
Automatic equipment for controlling the consumption of compressed air in a pneumatic system. P. I. Matkovskiy, *Ugol' Ukr.* 11 no. 12-13 D '67.
Automatic intake of the labyrinth pump. A. I. Golubev, *Khim. i neft. mashinost.* no. 11-12 D '67.
Automation of refrigerating machinery in the enterprises of the food industry. V. P. Izhevskiy, S. I. Heller, *Khim. prom.* no. 2-3 D '67.
Calculating suction and compression processes in piston compressors. A. I. Borshadskiy, R. V. Kuznetsov, *Khim. i neft. mashinost.* no. 11-12 D '67.

(Continued)

Technical and refrigeration machinery manufacture] Ref. zhur. Khim i khol mashinosti. no. 12(47), Dec 1967.

Conditions for the successful fulfillment of obligations in the construction of compressor stations. S. I. Ginzburg Stroi. truboprov. 12 no. 10 9-11 O '67

Discharge pump for producing a superhigh vacuum. N. N. P. Dandova, A. I. Shal'nikov. Prib. i tekhn. eksp. 11 no. 6 204-206 N-D '66.

Effect of structural parameters of self-operating valves on the performance of piston compressor machines. B. B. Kadrov. Zis tekhn. prog 6 no. 11 23-26 N '66

Effect of the density and viscosity of operating fluids on the characteristics of a ring compressor. L. M. Noskina, M. I. Sirina, V. A. Rumintsev Khim. i nefi, mashinosti 11, 26-29 N '65.

Effect of the design of the rotor of the fine-film rotary compressor. A. N. Matchenko, O. N. Solianik Khim. i nefi, mashinosti 11, 26-29 N '67

Regulation of electric motors of piston compressors with self-heating. I. I. Zelikman, G. B. Tabrikman. Prom. energ. 22 no. 11 41-42 N '67.

Journal of abstracts: Manufacture of pumps and compressors] Ref. zhur. Nafososti i kompiressioisti. no. 12 (50), Dec. 1967.

Refrigeration in a metal cylinder. N. Fedorov Mash. i stroi. SSR 38 no. 11 36-37 N '67

Aspects for the use of heat pumps for increasing the effectiveness of heat utilization of low-temperature processes. L. M. Rozenfel'd, G. S. Serdyukov Khim. i nefi, mashinosti 11 16-21 N '68

Research in the field of low temperature technology. G. I. Voronova, I. M. Chustakov, Izv. vys. ucheb. zav. Mashinostroyeniye no. 10 56-61 '67.

Automation and mechanization at the Moscow Cold Storage Warehouse No 12] Avtomatizatsiya na moskovskom kholodil'nike No 12 Moskva, "Pishchevaya prom-st", 1967, 99 p. (Obmen periodicheskimi opytom)

Simple device for producing temperatures of up to 0.55° K. Pumping out helium-3. D. I. Vasil'ev Prib. i tekhn. eksp. no. 2 243-244 Mr-Apr '67

System of automation of the 4G-100/8 compressor unit. E. V. Dubovskii Khim. i nefi mashinosti no. 1 38-42 Ja '68

Ultimate vacuum resulting from the adsorption of Au on activated carbon cooled by liquid nitrogen. B. G. Lazarev, A. L. Donde, V. I. Sharonov. Prib. i tekhn. eksp. 12 no. 2 220-221 Mr-Apr '67

Use of polyphenyl ether in an H-I C-2 oil-vapor pump. V. I. Volosov and others. Prib. i tekhn. eksp. 11 no. 6 155-157 N-D '66

Using compressed-air ejector pumps for the ventilation of machine niches. S. P. Popovich and others. Shkafy, stroi. 11 no. 4 28 Ap '67.

Using compressed air to obtain low temperatures. A. I. Zlenko Prom. energ. 22 no. 11 39-10 N '67.

Using direct-flow valves in high-pressure, high-speed compressors. B. A. Spickov. Khim. i nefi, mashinosti. no. 4 36-40 Ap '65.

Use of the plunger-cylinder pair of a deep well pump. Z. A. Brushteln. Izv. vyz. ucheb. zav., nefi i gaz' 10 no. 9 108-112 '67.

#116 FLUID DISTRIBUTION. STORAGE CONTAINERS PIPES PUMPS

All-union inspection of pipe-laying units. N. Mamykin. Tyl i snab. Sov. Voor. Sil 26 no. 1 72-76 Ja '66.

Building gas turbines for gas pipelines. L. A. Kurnetsov, A. A. Kulinskii Gaz. prom. 12 no. 12 1-4 D '67.

Calculating arched pipeline crossings. P. P. Borodavkin, O. B. Shekhin Izv. vyz. ucheb. zav., nefi i gaz. 8 no. 8 93-96 '65.

Character of pressure changes in the impeller of a centrifugal pump operating on a gas-liquid blend. N. N. Repina, I. T. Mishchenko. Izv. vyz. ucheb. zav., nefi i gaz. 8 no. 9 97-100 '65.

Cleaning of fuel storage tanks. G. Sokolov. Tyl i snab. Sov. Voor. Sil 25 no. 8 85-86 kg '65

Conditions for the successful fulfillment of obligations in the construction of compressor stations. S. I. Ginzburg Stroi. truboprov. 12 no. 10 9-11 O '67.

Design and operating characteristics of the TSNG-type horizontal packless electric pumps. V. A. Poreleshin and others. Khim. i nefi, mashinosti. no. 4 1-3 Ap '65.

Effect of internal pressure on stresses in arched-type or suspended-type of pipeline. S. V. Vinogradov Stroi. truboprov. 12 no. 9 21-25 S '67.

Efficiency of jet devices using ejector chambers with steady pressure. A. I. Nakrochevskii Gidr i gidrotekhn. 5 50-53 '67

Equipment for making pipeline crossings in cities. N. V. Pantelev, P. Z. Dikarev, Stroi. truboprov. 12 no. 9 34-35 S '67.

Experience gained from assembling spherical tanks. L. D. Burisov. Mont. i spets. rab. v stroi. 29 no. 12 18-30 D '67.

Experience in operating the HKO-type pump-compressor. V. I. Graifer and others. Mash. i nefi, obor. no. 12 3-7 '67.

Experimental investigation of the performance of a marine engine using water-fuel emulsions. R. I. Krizanov Za tekhn. prog 6 no. 11 38-40, 43 N '66.

All-army inspection of pipe-laying units. N. Mamykin. Tyl i snab. Sov. Voor. Sil 26 no. 1 72-76 Ja '66.

Building gas turbines for gas pipelines. L. A. Kurnetsov, A. A. Kolesnik Gaz. prom. 12 no. 12 1-4 D '67.

Calculating arched pipeline crossings. B. P. Borodavkin, O. B. Shchadin Izv. vyz. ucheb. zav. nefti i gaz. 8 no. 9-93-96 '68.

Character of pressure changes in the impeller of a centrifugal pump operating on a gas-liquid blend. N. N. Repin, I. T. Mishchenko. Izv. vyz. ucheb. zav. nefti i gaz. 8 no. 9-77-80 '65.

Cleaning of fuel storage tanks. G. Sokolov. Tyl i snab. Sov. Voor. Sil 25 no. 8 85-86 '65.

Conditions for the successful fulfillment of obligations in the construction of compressor stations. S. I. Ginzburg Stroi. truboprov. 12 no. 10 9-11 Q '67.

Design and operating characteristics of the TSSG-type horizontal packless electric pumps. V. A. Poreloshtin and others. Khim. i neft. mashinost. no. 41-3 Ap '65.

Effect of internal pressure on stresses in arched-type or suspended-type of pipeline. S. V. Vinogradov Stroi. truboprov 12 no. 9 21-25 S '67.

Efficiency of jet devices using ejector chambers with steady pressure A. I. Nakrochevskii Gidr i gidrotekhn. 2 5-20-93 '67.

Equipment for making pipeline crossings in cities. N. V. Panteleev, P. Z. Diukarev, Stroi. truboprov. 12 no. 9-34-35 S '67.

Experience gained from assembling spherical tanks. I. D. Burlov. Mont. i spets. rab. v stroi. 20 no. 12:18-30 D '67.

Experience in operating the RKO-type pump-compressor. V. A. Graifer and others. Mash. i neft. oboz. no. 12:3-7 '67.

Experimental investigation of the performance of a marine engine using water-fuel emulsions. R. I. Krinjon Za tekhn. prog 6 no. 11:38-40, 43 N '66.

Formation of electrostatic charges in tanks by the action of a steam jet. S. T. Bondarenko. Izv. vys. ucheb. zav., nef't i gaz. 8 no. 12 91-91 '65.

Guardman of the pipeline routes. I. B. Sheftel'. Stroil. truboprov. 12 no. 9 5 '67.

Heat cycle in the thermoplastic pipe resistance welding. K. I. Zaitsev, V. P. Jaishenko. Stroil. truboprov. 12 no. 9 19-21 '67.

High-speed assembly of spherical tanks. I. K. Kersh, O. E. Balandin. Mont. i spets. tab. v stroi. 29 no. 12 15-17 '67.

Holiday for workers of the petroleum and gas industries. Stroil. truboprov. 12 no. 9 1-5 '67.

Immisible pump. G. Golovanov. Tekh. i sooruzh. 5 no. 9 70-72 '61.

Impellers of low-speed centrifugal pumps for abrasive hydromixtures. I. A. Smolovskaya. Khim. i nef't mashinost. 1 no. 4-6 Ja '68.

Improvement of a system for the remote control of the pumping station of a thermal electric power plant. A. N. Motovilov. Energetik. 15 no. 12 20 '67.

Improving production and fitting of process piping. V. M. Orlov. Mont. i spets. tab. v stroi. 29 no. 12 20-24 '67.

In the name of communism. K. K. Smirnov. Stroil. truboprov. 12 no. 10 1-7 '67.

Investigating load diagrams of the drives of submersible pumps. S. M. Gadiyev, B. M. Gadurov. Avtob. avtom. khol. 16 no. 12 15-17 '67.

[Journal of abstracts] Manufacture of pumps and compressors) Ref. zhur. "Nasosostro i kompressorostro" no. 12 (61), Dec. 1967.

Labor's gift in honor of the Great October Revolution. P. I. A. Gudzenko. Stroil. truboprov. 12 no. 10 8-9 '67.

Labor's heroes. S. I. Polel. Stroil. truboprov. 12 no. 10 16-17 '67.

Laying a municipal gas pipeline during winter. V. N. Belov. Stroil. truboprov. 12 no. 9 31-31 '67.

Making an underwater trench under difficult conditions. V. M. Tsvetkov. Stroil. truboprov. 12 no. 9 30-32 '67.

Modeling transitional processes in the line portion of a petroleum product pipeline. A. L. Kaplan. Izv. vys. ucheb. zav., nef't i gaz. 8 no. 12 87-90 '65.

Modernizing the system of internal pressure of a testing machine type YSDMU-30L. B. N. Bastun, P. G. Podchakov, A. P. Sorokin. Zav. lab. 33 no. 6, 771-772 '67.

Nomenclature of manufactured technological equipment for plants making reinforced concrete pressureless and low-pressure pipes. Stroil. i doz. mash. 12 no. 9 28-29 '67.

Operational regime of the ejector of the overflow device of a multichamber apparatus with a fluid bed. N. I. Golovinski, M. S. Zak. Khim. i nef't mashinost. 1 no. 15-16 Ja '68.

Overall mechanization of pipeline construction. G. V. Zhdanovich. Stroil. truboprov. 12 no. 10 31-35 '67.

Petroleum pipeline in the Soviet Union. P. I. A. Gladkov. Stroil. truboprov. 12 no. 10 25-28 '67.

Pledge of further achievements in labor. M. V. Sienko. Stroil. truboprov. 12 no. 10 12 '67.

Prefabrication methods for installing a pipeline. L. Dolanskii, S. Zagumennikov. Na stroi. Ros. 8 no. 10 18 '67.

Selecting parameters and unifying hydraulic torque converters. E. I. Batyalskii, S. M. Tsvetov. Stroil. i doz. mash. 12 no. 9 21-23 '67.

Selection of optimum parameters for a rotor drive motor subassembly of an axial plunger pump. I. A. Iannig and others. Vest. mashinost. 47 no. 12 17-19 '66.

Socialist obligations for completing ahead of time the construction of the gas pipeline from Soviet Central Asia to Central Russia have been fulfilled. Stroil. truboprov. 12 no. 10 4-6 '67.

Some conclusions from the experience gained in laying the Ust'-Balyk to Onak petroleum pipeline. A. P. Tashkanski. Stroil. truboprov. 12 no. 9 28-29 '67.

Special training of pipe fitter troops. G. Belogurov, L. Komarov. Tyl i snab. Sov. Voor. Sil. 26 no. 2 41-43 '66.

Students at building sites in the anniversary year. V. I. Matusek. Stroil. truboprov. 12 no. 9 6-7 '67.

Technical and economic indices of pipeline construction. I. A. M. Kuperman. Stroil. truboprov. 12 no. 10 29-31 '67.

Transportation of activated granular carbon. I. A. O. Kravets. Khim. prom. no. 6 48-49 N-D '67.

Two major petroleum pipelines. I. D. Levin. Stroil. truboprov. 12 no. 9 6-12 '67.

Use of diaphragm shutoff valves with protective coating from acid resistant enamel in boiler flushing systems. V. I. Vainshtein. Energetik. 15 no. 11 23 N '67.

Use of liquid indicators to increase the sensitivity of leak detecting devices. V. E. Shmat, G. V. Karpov, V. I. Tshirlov. Prib. i tekhn. eksp. 31 no. 6 143-147 N-D '66.

Washing crushed stone and gravel in scrubbers. V. V. Troitskii, B. P. Serdiuk. Stroil. mat. 13 no. 8 37-38 Ag '67.

Ways for a further increase of the reliability of the performance of mud pumps. V. I. Roshchupkin, I. A. S. Mkrtychan. Mash. i nef't, obor. no. 12 7-11 '67.

Ways to reduce stresses in a raised pipeline during its cleaning. V. L. Bozozin and others. Izv. vys. ucheb. zav., nef't i gaz. 8 no. 9 89-92 '65.

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 1. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 2. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
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 73. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 74. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 75. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 76. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 77. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 78. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 79. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 80. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 81. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 82. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 83. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 84. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 85. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 86. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 87. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 88. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 89. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 90. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 91. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 92. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 93. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 94. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 95. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 96. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 97. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 98. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 99. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.
 100. The effect of the temperature of the metal on the rate of its deformation during the rolling process. *Metallurg* 12 no. 10:102-107 '67.

621.73(471.67)—Dagestan A.S.S.R.

Left hand side of the diagram of the leading of equipment on the road. *Trudy Ural politekh inst* no. 161:105-107 '67.

621.73(477)—Ukrainian S.S.R.

The question of the operation of enterprises. *F. Sternik*, *Trudy Ural politekh inst* no. 161:105-107 '67.

621.74 FOUNDRIES FOUNDRY WORK

Cast cooling in continuous casting. *I. P. Prokopyev, V. L. Turo*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 The effect of the chemical composition of cast iron on the properties of large machine tool castings. *V. L. Prokopyev, V. A. Kuznetsov, A. V. Kuznetsov*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Development of the theory of molding machines in casting. *P. A. Kuznetsov, V. L. Turo*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Equations for packing of molds by compression. *G. F. Bilanin*, *Trudy Ural politekh inst* no. 9:101-106 '67.

Gating systems for thin-walled shell castings of tin bronze. *A. M. Maslennikov*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Increasing the density of castings made by precision casting method. *I. B. Kuznetsov, G. N. Kuznetsov, N. L. Kuznetsov*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Unstud potential of a furnace shop. *N. V. Vetrov, D. D. Dmetko, N. Kuznetsov*, *Trudy Ural politekh inst* no. 10:102-107 '67.

621.75 TOOLMAKING GAUGING, FITTING, ASSEMBLING

Assembled programmed joints in machine building. *A. V. Grigor'ev*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Calculation of technological stresses in a hard-alloy tool and their modeling by the optical polarization method. *P. A. Gerasimov, V. L. Turo*, *Trudy Ural politekh inst* no. 9:101-106 '67.
 Correspondence of tolerances in diametral and radial measurements. *I. M. Vecherov*, *Trudy Ural politekh inst* no. 9:101-106 '67.
 Effect of the dimensional wear of the cutters on the accuracy of precision machining in instrument manufacture. *I. P. Duzhenko*, *Trudy Ural politekh inst* no. 9:101-106 '67.
 Improving the technological assembling effectiveness of electric filters. *S. K. Rodol'skiy*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Studying stresses in parts joined by tight fit with the use of freezing. *A. I. Surkov, G. P. Monakhov*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Tendencies of developing machine-tool manufacturing. *G. A. Mazer*, *Trudy Ural politekh inst* no. 161:105-107 '67.

621.75(471.54)—Sverdlovsk Province

Correlation methods in the analysis of labor productivity. *L. A. Kuznetsova*, *Trudy Ural politekh inst* no. 161:105-107 '67.

621.75(476)—White Russian S.S.R.

The plant, the export, and the economic reform. *G. Evreinov*, *Vneshtorg* 48 no. 1:41-43 '68.

621.762 POWDER METALLURGY

Measuring the content of a ferromagnetic material in mixtures containing nonferromagnetic substances. *I. G. Shirokov*, *Zav. lab* 33 no. 6:742 '67.
 Studying the sintering of Ni - Al powdered-metal alloys. *K. V. Savitskiy and others*, *Trudy Ural politekh inst* no. 10:102-107 '67.

621.77 ROLLING

Achievement after achievement. *V. Shuraev*, *Metallurg* 12 no. 5:34-35 My '67.
 Analysis of stressed and deformed state during the forming of axially symmetric thin-walled shells. *L. A. Frendel', N. I. Kolesnikov*, *Kuz. shikun, protzv* 9 no. 12:17-22 D '67.
 Calculating metal pressure on the rolls during wide strip rolling. *G. A. Smirnov-Aliayev, V. M. Rozenberg, P. S. Kostychev*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Calculating power and speed conditions in continuous mill operations. Report No. 1. *M. I. A. Brovman, V. N. Volin, V. Kh. Rimen*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Calculating the optimal parameters of rolls on four-high hot rolling mills. *V. A. Tiagunov, E. T. Milykh, I. U. V. Denisov*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Calculating the stressed state in contact zones of rolling mill rolls. *V. P. Polukhin, V. A. Nikolayev, S. P. Efremenko*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Cast rolling mill rolls from hypoeutectoid steel. *L. N. Ryabinin and others*, *Metallurg* 12 no. 5:36-37 My '67.
 Conditions of roll biting of strips. Report No. 1. *V. N. Volin, A. S. Fedosenko, V. P. Polukhin*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Considering strain hardening in solving a differential equation of rolling. *G. A. Smirnov-Aliayev, V. M. Rozenberg, P. S. Kostychev*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Criterion of optimality and limitations of the automated system of operations planning in rolling mill practice. *Z. G. Magaziner, V. L. Churkov*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Determining the efficient allowances in turning. *F. D. Khamptov and others*, *Metallurg* 12 no. 5:29-30 My '67.
 Determining the moment of friction of a cold rolling mill. *A. N. Popyov*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Determining the rate of travel of sheets during their cutting by rotary shears. *A. M. Saburov*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Difference between the forward slip of surface layers and the strip as a whole during longitudinal rolling. *D. I. Piriakov, I. E. Dolzhnev, I. U. Bat'ko*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Distribution of torque between the rolls of a two-high reversing mill. *M. A. Zaitov and others*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Dynamics of longitudinal variations in thickness during cold rolling of thin strips. *I. M. Meerovich and others*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Economy of metal in rolling lightweight sections. *V. T. Zhadin, V. E. Stefanov, G. I. Kaibabash*, *Metallurg* 12 no. 5:31-32 My '67.
 Effect of tension on contact stresses in the deformation area and the stressed state of working rolls. *V. P. Polukhin, V. A. Nikolayev, A. K. Treushko*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Effect of the wear of rolls on their strength and sheet sizes for four-high hot rolling mills. *V. A. Tiagunov, E. T. Milykh, I. U. V. Denisov*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Executing intermediate repairs of continuous heating furnaces. *G. A. Kadyshov*, *Metallurg* 12 no. 5:34-35 My '67.
 Experience in using rolling mill rolls. *M. A. Beniakovskiy, E. P. Sergeev, V. I. Sedov*, *Metallurg* 12 no. 5:32-33 My '67.
 Experimental investigation of a cold pipe rolling mill equipped with an individual roll drive. *A. S. Tkachenko, A. A. Shvedchenko, B. M. Klimovskiy*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Force required for balancing rolls in mills of a periodic action. *V. L. Gushupov*, *Vest. mashinostroi.* 47 no. 12:24-26 D '67.
 Formation of surface laps during the hot rolling of 1Kh21N5T ferritic-austenitic steel. *R. G. Shin, A. A. Rivkin*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 High-quality metal is the basis of technical progress in industry. *V. S. Slavkin*, *Metallurg* 12 no. 5:25-26 My '67.
 Influence of the output of suitable for use products on the production cost of nonferrous metalworking plants. *A. Kh. Benum, V. P. Kaverin*, *Trudy Ural politekh inst* no. 161:105-107 '67.
 Kinematic boundary conditions during the rolling of a laminated strip. *I. M. Pavlov and others*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Method of calculating optimal rolling conditions on reversing mills by variational curves. *N. I. Bamov*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Problems of rolling a strip of finite length on a continuous mill. *V. N. Vydrin, A. S. Fedosenko*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Reduction limits in rolling on blooming mills. *N. A. Chelyashov and others*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Role of scale in die rolling. *L. G. Kostin and others*, *Kuz. shikun, protzv* 9 no. 12:42-43 D '67.

Rolling moment during bite. *A. P. Chekmarev, M. M. Safran, I. A. D. Vasilev*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Semiautomatic device for bending spring eyes. *D. G. Gurov*, *Mashinostroi.* no. 1:32 Ja '68.
 Speeds in an instant center of deformation during the rolling. *V. I. Sokolovskiy*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Study of the operation of a noncontact control system of the main drive of the 1300 blooming mill. *I. R. Gendelman*, *Elektricheskoye* no. 12:52-53 D '67.
 Study of the operation of the electric drive of a regulated drawing mill during acceleration. *V. I. Pustynnikov, A. T. Akhmadiev*, *Elektricheskoye* no. 12:52-53 D '67.
 Tension during rolling. *A. A. Kalyanov*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Unevenness of the strip in rolling on two-high hot mills. *I. V. Gessler, V. V. Romanov, I. I. Zaitov*, *Metallurg* 12 no. 5:26-29 My '67.
 Ways of improving the technology of producing rolled wheels. *M. I. Shifrin, Kuz. shikun, protzv* 9 no. 12:3-6 D '67.

621.77(471.5)—Ural regions

Potentialities of reducing the cost of rolling. *I. V. Pavina*, *Trudy Ural politekh inst* no. 161:105-107 '67.

621.77(471.55)—Chelyabinsk Province

High road toward economy. *I. A. Karpov*, *Zav. lab* 33 no. 24:13-14 D '67.

621.77(477)—Ukrainian S.S.R.

Use of rolling mills. *I. Napata, M. Aizenstein*, *Trudy Ural politekh inst* no. 10:102-107 '67.

621.78 HEAT TREATMENT

Effect of cyclic temperature changes and stresses on the recovery of 3Kh2N8B steel. *S. I. Tikhonov, I. A. Pozniak, A. M. Rogalev*, *Kuz. shikun, protzv* 9 no. 11:11-12 D '67.
 Effect of dimensions, shape and position of netting on aerodynamic characteristics of vortex-type flow chambers. *E. N. Shubrov and others*, *Kuz. shikun, protzv* 9 no. 12:32-34 D '67.
 Effect of heat treatment on the properties of 1Kh2N8B steel at negative temperatures. *A. A. Gerasimov, N. A. Nesterov, A. B. Alatykin*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Effect of repeated heat treatment on the properties of 3Kh2N8B steel. *V. A. Strel'nik, V. I. Kuznetsov, A. V. Motokhov*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Executing intermediate repairs of continuous heating furnaces. *G. A. Kadyshov*, *Metallurg* 12 no. 5:34-35 My '67.
 From the history of the heat treatment of metals. *I. I. Kopytov, Shkola i protzv* 11 no. 12:10-11 D '67.
 Hardening of the 1Kh2N8B alloy by preheating. *A. A. Klypin, I. I. Pirogov*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Increase of reliability in hydraulic transmission of power of diesel locomotives by means of roll band brakes. *Rogozhikina, N. Z. A. Otkin, Vest. mashinostroi.* 47 no. 12:50-51 D '67.
 Increasing the reliability of crankshafts. *I. M. Belykh and others*, *Mashinostroi.* no. 10:102-107 '67.
 Laboratory high-temperature vacuum furnace for heat treatment. *A. S. Sholimov, A. L. Shpil'tsberg, A. A. Eliseev*, *Zav. lab* 33 no. 6:770-779 '67.
 New method of surface hardening of parts. *I. G. Belyov*, *Mashinostroi.* no. 9:12 S '67.
 Resistance to deformation and hardening of steel parts under various temperature-spread conditions. *I. I. Odintsov, I. A. Pospelov*, *Kuz. shikun, protzv* 9 no. 6-9 D '67.
 Resistance to small plastic deformations of sheets subjected to surface induction hardening. *I. M. Shubnikov, I. I. Shot*, *Vest. mashinostroi.* 47 no. 12:50-51 D '67.
 Surface hardening in deep induction heating of heavy-duty machine parts. *K. Z. Shepel'kovskiy, V. I. Zaitov*, *Vest. mashinostroi.* 47 no. 12:53-57 D '67.
 Thermodynamic basis for the graphitization of pearlite cast iron. Report No. 3 (example of calculation). *A. A. Zhukov*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Use of reduced-hardenable steels in the production of heavy-duty machine parts. *I. I. Nasonov, V. I. Zaitov*, *Mashinostroi.* 47 no. 12:57-59 D '67.
 Using regulated and decreased hardenable steels in heavy-duty machine parts in machine building. *L. I. Loshinskii, Vest. mashinostroi.* 17 no. 1:51-52 D '67.
 Explosion for peaceful purposes. *NTO* 8 no. 12:25 D '67.
 Universal assembly pallets. *V. I. Svednikov, Mashinostroi.* no. 1:28 Ja '68.

621.79 VARIOUS OTHER KINDS OF METALWORK

Diamond burnishing of stainless steels. *I. A. Loshinskii, A. F. Volkov, V. N. Blazev*, *Trudy Ural politekh inst* no. 10:102-107 '67.
 Explosion for peaceful purposes. *NTO* 8 no. 12:25 D '67.

621.79(471.310)—Moscow City

Engineering technology achievements and the work of the Scientific and Technical School named after N. I. Zhukovskiy, G. A. Nikol'skiy, I. V. Yashchuk, et al., Vest. mashinost. 10 no. 111-151 '67.

621.79(575.1)—Uzbek S. S. R

Scientifically G. Markov, Tekhn. zhurn. 9 no. 10-11 '67.

621.731 WELDING AND ALLIED TECHNIQUES

- Application of cutting of metals by plasmatron with a direct current method, I. M. Lashin, M. I. Danchenko, Vest. mashinost. 20 no. 577-77 My '67.
- Analysis of expenses for heat treatment of welded structures, A. I. Furman, Trudy LPI no. 283 165-168 '67.
- Analysis of hard-faced tips made of high manganese content steels and ways of perfecting hard-facing techniques, V. I. Klementov, L. G. Gurstlo, Trudy TSNII MPS no. 339 56-61 '67.
- Hydrogen method of determining welding deformations and stresses in beams, K. M. Gatoyskiy, Trudy LPI no. 283 12-15 '67.
- Process of semiautomatic welding in a protective atmosphere of carbon dioxide gas for welding together pipes of steel sheets, V. N. Pordok, Khim. i nef. mashinost. 11 no. 12-13 N '67.
- Process of butt welding of thin copper strips, B. I. Shteyn, Avtom. svar. 20 no. 577-78 My '67.
- Process of 1-10 welding up, I. G. Vinogradov, A. A. Shikhin, A. N. Tolstichenko, Trudy TSNII MPS no. 339 126-131 '67.
- Process of three-position attachment to the R-10 welding machine, I. S. Sorokin, N. I. Pinskiy, Avtom. svar. 20 no. 575-76 My '67.
- Process of welding of links of the SA-100 element section of the A. M. Polubnyy, Avtom. svar. 20 no. 575-76 My '67.
- Reasons for the occurrence of defects during resistance welding of rail, N. G. Agdonov and others, Avtom. svar. 20 no. 575-76 My '67.
- Temperature-time-temperature fields near the isotherm of transformation according to the configuration of welding bath, N. V. Belykh, A. I. Baketov, Trudy LPI no. 283 28-30 '67.
- Resistance investigations of wear resistance of vanes hard-faced by electric arc method and by plasma jet, G. S. Gubay, I. I. Yuzovoy, F. F. Vashkevich, Izv. vuzovsk. mashinost. no. 11 91-101 '67.
- Resistance combined differential pickup for directing the welding line along the butt joint, A. I. Arulov, I. A. Gubay, Avtom. svar. 20 no. 570-71 My '67.
- Resonance of the shape of the pulse of welding current in resistance machines, I. V. Pentegov, S. N. Meshcheriak, Avtom. svar. 20 no. 570-71 My '67.
- Deformation of welded sheet in its plane following occurrence of angular deformation, I. P. Batkova, V. S. Popov, Trudy LPI no. 283 99-105 '67.
- Determining the efficiency of welded structures, L. A. Popel'man, Trudy LPI no. 283 57-66 '67.
- Deformation of the interaction between materials during submerged arc welding, G. L. Petrov, Trudy LPI no. 283 3-38 '67.
- Measurement of permeability in nitrogen, I. P. Sorokhin, A. M. Zorky, A. A. Esauko, Avtom. svar. 20 no. 574-75 My '67.
- Effect of certain parameters of welding conditions of the shape of the center of the spot during resistance welding of aluminum, M. B. Shchepkov, G. A. Litvinov, Trudy LPI no. 283 169-171 '67.
- Effect of the proportional change of arc power and welding speed upon principal welding deformations and technological strength, I. P. Batkova, Trudy LPI no. 283 67-71 '67.
- Effect on beam welding of molybdenum with aluminum and cobalt with high-speed stainless steel, G. V. Terent'ev, Trudy LPI no. 283 157-164 '67.
- Equipment for automatic measurement of the length of large diameter shafts, L. I. Andreyev, Avtom. svar. 20 no. 571-72 My '67.
- Experimental investigation of the dependence of output on technological parameters during electron beam welding, V. V. Boshenko, Trudy LPI no. 283 153-156 '67.
- Formulas for calculating coefficients of stress concentration in welded joints, D. I. Navrotsky, Trudy LPI no. 283 100-111 '67.
- Fusion welding of polymer materials, N. N. Dolgonov, P. P. Titov, Stroim. 13 no. 9-20-30 S '67.
- Hard facing of cast-iron crankshafts for GAZ-M-21 motors, I. A. Meshchinskii, Avtom. svar. 20 no. 563-65 My '67.
- Hard facing of roll necks on sheet bending machines, A. A. Kuznetsov, V. N. Iosadenko, Avtom. svar. 20 no. 565-66 My '67.
- Heat cycle in thermoplastic pipe resistance welding, K. I. Shchepkov, V. I. Lashchenko, Stroim. 13 no. 9-20-30 S '67.
- How to calculate mechanical properties of carbon steel welds made with electric arc welding, B. A. Kokh, Trudy LPI no. 283 125-131 '67.
- Influence of the alloying of welds on carbon migration in welded joints of dissimilar steels, V. A. Ignatov, G. L. Petrov, V. K. Zimin, Trudy LPI no. 283 132-138 '67.
- Influence of the initial temperature of base metal on properties of welded joints, S. A. Ostrovskaya, Avtom. svar. 20 no. 571-72 My '67.

- Influence of welding conditions on the joint-forming metal, P. M. Lushchik, Avtom. svar. 20 no. 575-76 My '67.
- Introduction of plasma arc cutting in chemical machinery plants, I. Z. Kagan, Khim. i nef. mashinost. no. 11 10-11 Ja '68.
- Investigating the properties of corrosion-proof nickel-base alloys, G. I. Gerasimenko, G. L. Shvarts, L. S. Mayanova, Khim. i nef. mashinost. no. 12-2-21 Ja '68.
- Investigating the transition zone of aluminum-steel bimetal, V. R. Babov, D. P. Novikova, A. A. Litshov, Avtom. svar. 20 no. 572-73 My '67.
- Kinetics of dissolving steel in copper and copper in aluminum applicable to welding, I. I. Leshko, N. M. Voropa, V. D. Shantarina, Avtom. svar. 20 no. 579-81 My '67.
- Kinetics of weld metal deformations at high temperatures, V. P. Dondal'skiy, Trudy LPI no. 283 40-56 '67.
- Master welder, V. Angilov, Nef. i tekhn. 11 no. 113 Ja '68.
- Mechanizing welding in machinery repair, M. F. Stamos, V. N. Iosadenskiy, Mekh. stroim. 24 no. 12-14-16 D '67.
- Methods in numerical determination of effective coefficients relative to stress concentration in welded joints, V. N. Seichko, Trudy LPI no. 283 115-124 '67.
- Modernized welding machine, O. Shchepkov, Stroim. 13 no. 9-20-30 S '67.
- New technology of hard-facing functional wedges of TSNII-KIP tractors, N. P. Zmel'nikov and others, Trudy TSNII MPS no. 339 37-55 '67.
- On behavior of hydrogen in the zone of thermal effect during welding, V. A. Savorin, Izv. vuzovsk. mashinost. no. 11 159-164 '67.
- Possible structure of the universal criterion of similarity for pressure welding, K. A. Kochergin, Trudy LPI no. 283 10-18 '67.
- Process stability and selection of the method of vibration hard-facing of shafts under flux, I. G. Vinogradov, Trudy TSNII MPS no. 339 112-127 '67.
- Prolonging the life of automatic coupling devices by means of wear resistant hard-facing, N. P. Zmel'nikov and others, Trudy TSNII MPS no. 339 4-36 '67.
- Quality analysis of hard-facing of rail ends, V. I. Klementov and others, Trudy TSNII MPS no. 339 85-111 '67.
- Redesigning hose-type semiautomatic machines for CO₂ welding with simultaneous cleaning of wires, I. A. Bondarenko, Avtom. svar. 20 no. 575-76 My '67.
- Research and development concerning powder welding wires for rolling stock parts, K. M. Mal'kov, Trudy TSNII MPS no. 339 132-138 '67.
- Resistance of some brands of steels to brittle failures, V. A. Makurin, V. I. Shishkin, V. A. Kagan, Trudy LPI no. 283 145-152 '67.
- Steel weldments made by pressure welding, G. P. Sakharov, I. A. Chechenko, Avtom. svar. 20 no. 576-79 My '67.
- Strength of rolled sections from low carbon steel, V. I. Novikov, I. F. Guf, Avtom. svar. 20 no. 574-75 My '67.
- Stresses in girth joints of multilayer equipment from high pressure, P. G. Purnshchik, L. R. Khismatulin, Avtom. svar. 20 no. 575-76 My '67.
- Structural deformations during the welding of self-heating alloys of the Al-Zn-Mg system, O. N. Daryshev, A. I. Lobachev, A. G. Makurin, Trudy LPI no. 283 139-144 '67.
- Thermionic welding of aluminum conductors with gold spray-coated films, A. P. Kozhevnikov, N. V. Grigoriev, Avtom. svar. 20 no. 572-73 My '67.
- Unit for pressure butt welding of polychlorine pipes of fluid pipelines, V. I. Belevin and others, Izv. vuzovsk. mashinost. no. 11 101-101 '67.
- Using hard-faced large bells of blast furnace charging equipment, I. D. Kashchenko, V. A. Andreyev, Avtom. svar. 20 no. 577-78 My '67.
- We produce above the plan, B. N. Loskutov, Puti pul. khoz. 11 no. 6:10-13 '67.
- Weldability of thermally hardened 10G2SD steel, V. A. Savchenko and others, Avtom. svar. 20 no. 571-72 My '67.
- Welding and the problem of steel purity, B. E. Paton, B. I. Medvedev, Trudy LPI no. 283 13-21 '67.
- Welding of equipment from aluminum alloys, I. V. Dovbyschenko and others, Avtom. svar. 20 no. 571-72 My '67.
- Welding of high-pressure piping on the assemblage, V. D. Ivanenko, B. S. Kasatkina, S. Sh. Roitenberg, Avtom. svar. 20 no. 574-75 My '67.
- Welding pipes, 1220 millimeters in diameter, N. S. Barkov, Stroim. 13 no. 10:14-15 O '67.
- Welding pipes to pipe plates, V. N. Petrov, Khim. i nef. mashinost. no. 4:37-38 Ap '65.

621.792 JOINING BY ADHESION. BONDING, GLUING, PRESSURE JOINTING, PLUGGING, CAULKING

- All-metal vacuum-tight clamped joint, S. I. Gendel, V. N. Karpov, L. E. Levina, Izv. vuzovsk. mashinost. no. 2 223 My '67.
- Devices for fastening and splicing of cables, M. Pivov, Stroim. 13 no. 120-21 Ja '66.
- Effect of the thickness of glue and the concentration of filler on the strength and durability of cemented joints in the water and aqueous media, E. E. Virlich, A. D. Donashnev, Khim. i nef. mashinost. no. 1 25-26 Ja '68.

- Evaluating the stability of glued joints in wood considering the character of their failure, V. M. Khuruly, Izv. vuzovsk. mashinost. no. 11 101-101 '67.
- Gluing of various materials, V. M. Sosnitskiy, Stroim. 13 no. 9-20-30 S '67.
- Rubber-lead packing, V. S. Gumenius, Stroim. 13 no. 221-222 My '67.

621.793 METALLIZATION

Reconditioning machine parts by electroplating using asymmetric alternating current, A. V. Pshchuk, B. S. Iudkovskiy, Vest. mashinost. 17 no. 12 46-46 D '67.

621.798 PACKAGING

Experience in the use of polymer materials for packaging and packing of canned goods, B. I. Lashin, Izv. vuzovsk. mashinost. no. 6 46-47 N-D '67.

Packaging and advertising, L. Bercner, Tekhn. zhurn. 9 no. 12-21 Ja '68.

621.8 POWER TRANSMISSION MATERIALS HANDLING MECHANICAL FIXING, ATTACHMENT, LUBRICATION

- Anticreep equipment for cranes, P. I. Karasenko, D. G. Prishchepko, Stroim. 13 no. 9 32-34 S '67.
- Automatic transmission of a rotary excavator, V. A. Demikhovskiy, Stroim. 13 no. 9 36 S '67.
- Automobiles and truck trains are being loaded, A. Furman, N. Netyukh, Tekhn. zhurn. 9 no. 6 56-59 Ag '66.
- Balancing crane arm systems, I. B. Shteynberg, Vest. mashinost. 17 no. 12 26-27 D '67.
- A conveyor carrier supplies across obstacles, N. Gasparov, Tyl i snab. Sov. Voor. Sil 26 no. 6 76-79 Ic '66.
- Description of motion of a three-dimensional vibrating system of a balancing machine during kinematic excitation, V. S. Suetin, Izv. vuzovsk. mashinost. no. 9 10-15 '67.
- Differentiated norms of automation deductions for the control of loading and unloading machines, V. A. Abgaferov, Vest. TSNII MPS 26 no. 5 57-60 '67.
- Dynamics of pulling chains during the starting period, A. I. Tarasenko, V. P. Serdiuk, Lekh. prom. 8 no. 32-34 N-D '67.
- Dynamometric wrenches for tightening threaded joints, V. F. Gaetskii, Mekh. stroim. 24 no. 12 22 D '67.
- Effect of the point of load application on stresses in a bolt, N. L. Eshchukin, Vest. mashinost. 47 no. 12 21-21 D '67.
- The efficiency of loaders has improved, V. Nekhorosht, Tyl i snab. Sov. Voor. Sil 26 no. 9 83-86 S '66.
- Efficiency of oils during locking friction in various gas media, A. I. Klinov, V. A. Mikhnev, Khim. i tekhn. topl. i masul 10 no. 6:50-53 Je '65.
- Efficient methods of assembling bridge cranes, N. N. Kichikhin, Mekh. stroim. 21 no. 12 13-14 D '67.
- Experimental determination of efficiency of wave gear transmissions, M. N. Ivanov, V. A. Figenov, S. A. Shuyalov, Izv. vuzovsk. mashinost. no. 9 51-57 '67.
- Exposure of working feet on the friction surfaces of machine parts using spectrum analysis, B. I. Kostel'skiy, N. P. Rykhlik, M. E. Natanson, Izv. vuzovsk. mashinost. no. 9 51-57 '67.
- [Fastenings for holding work pieces on machine tools] Detal' krepel'nitsa izdelii na stankakh izd. ofitsial'noe Moskva, Izd. standartov, 1967 24 p. (Gos. standardy SSSR).
- Fatigue strength of pins, G. B. Ioslevich, I. G. Rys', Vest. mashinost. 47 no. 12 20-21 D '67.
- For economical use of oil, V. Kalinin, Tyl i snab. Sov. Voor. Sil 26 no. 8 86-87 Ag '66.
- A four-axle platform used as an end-loading slope, A. Ignat'ev, Tyl i snab. Sov. Voor. Sil 26 no. 8 86 Ag '66.
- General purpose carts, P. S. Bilykov, Mashinost. otel' no. 11 16-17 N '67.
- High-speed production technology of thread cutting of screws used in a worm gear system, N. D. Krikovskikh, Stroim. 13 no. 12 26-27 D '67.
- Increase of reliability in hydraulic transmission shafts of diesel locomotives by means of roll burnishing, A. E. Rogozhnikina, N. Z. Azovkin, Vest. mashinost. 47 no. 12 50-51 D '67.
- Increasing the lifetime and operational speed of a drive with a flexible shaft, G. I. Kogan-Vol'man, A. I. Mokhnatink, I. A. Zaborovskaya, Vest. mashinost. 47 no. 12: 34-37 D '67.
- K-109 hydraulic crane, I. L. Berkman, D. A. Smirnov, M. A. Tashchenko, Stroim. 13 no. 9 30-32 S '67.
- Kolesnichenko, V. V. [Means for prolonging the life of excavator crawler tread bearings and reducing the amount of work required for their lubrication] Puti snabzheniya zlatrat na smazku i povysheniya dolgozhechnosti podshlupnikov gusenichnogo khoda ekskavatora Moskva, Stroizdat, 1967 24 p.
- Lateral vibrations of wheeled vehicles with a nonlinear elastic characteristic of suspension, I. V. Kapranov, V. F. Kurylev, Izv. vuzovsk. mashinost. no. 9 134-141 '67.

621.8 (Continued)

- Lightweight loading slope. I. Zikharov. *Tekhn. snab. Sov. Vost. Sil* 26 no. 1 67 Ja '68.
- Loading and unloading work on an unequipped coast. I. E. Akhmedov. *Stroi. i dor. mash.* 30 no. 11 77-80 N '66.
- Machine for studying friction characteristics of bearing materials. R. K. Mozburg, P. O. Saigala. *Izv. vys. ucheb. zav. mashinost.* no. 9 62-63 '67.
- Machinery for moving carcasses over an inclined conveyor line. M. Tul'chevskii. *Mash. i stroit. SSSR* 38 no. 11 30-31 N '67.
- Magnetic device for conveying parts. V. I. Rabinov. *Mashinostroi'tel'* no. 11 15 N '67.
- Manufactures of bearings from a reinforced epoxy composition and investigation of their performance. V. G. Tverdokhleb, N. F. Kuz'min. *Izv. vys. ucheb. zav. mashinost.* no. 9 65-70 '67.
- Oil pressure above piston rings and its effect on the pressure below the rings. B. N. Vasilev. *Izv. vys. ucheb. zav. mashinost.* no. 9 110-125 '67.
- Proposition for the performance improvement of FOK-B and FOK-K lines. V. Salin, M. Kurnakov. *Mash. i stroit. SSSR* 38 no. 11 1 '67.
- Reduction of friction in bearings of instruments. I. M. Sivokononko, K. N. Vilenkii, L. V. Semenov. *Izv. vys. ucheb. zav. prib.* 9 no. 1 141-144 '67.
- Resistance of soil to the cutting action of scraper working components of trench excavators. E. A. Dzhangaliev. *Stroi. i dor. mash.* 12 no. 9 24-25 S '67.
- Results from testing new cutters of rotary trench digging excavating machines. M. K. Artemov and others. *Stroi. i dor. mash.* 12 no. 9 16-18 S '67.
- Roughness of the tooth surface in gear wheels. A. I. Isaev, M. G. Kotkina. *Vest. mashinost.* 17 no. 12 64-66 D '67.
- Selection of loading and unloading machinery with the aid of computers. F. A. Kharacov. *Mekh. stroit.* 24 no. 12 24-26 D '67.
- Selecting parameters and unifying hydraulic torque converters. F. L. Bratslavskii, S. M. Trusov. *Stroi. i dor. mash.* 12 no. 9 21-23 S '67.
- Similarity theorems of velocities and accelerations patterns. M. V. Goril'ko. *Izv. vys. ucheb. zav. mashinost.* no. 9 26-30 '67.
- Studying the cyclic strength of some types of conveyor belts. L. I. Eppel', G. I. Pleschakov. *Kauch. i rez.* 26 no. 10 49-51 '67.
- Using an electronic computer in the synthesis of four-bar linkages. D. M. Lukichev, A. S. Mastrukova. *Izv. vys. ucheb. zav. mashinost.* no. 9 15-19 '67.
- We load empty automobiles with a single suspension line. S. Antonovich, L. I. Kuzhenko. *Tekhn. snab. Sov. Vost. Sil* 26 no. 1 62-63 Ja '66.
- Working out a series of flexible clutches with toroidal elastic shells and a study of their characteristics. M. I. Kiaz, V. N. Savin. *Tekhn. i izv.* 28 no. 10 54-55 '67.

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- The 20th anniversary of the Dearing Plant in Kharkov. V. P. Alekseenko. *Ukr. ist. zhur.* 11 no. 10 110-111 '67.
- ## 621.82 TRANSMISSION SYSTEMS AND PARTS
- Concerning the dynamic design of cylindrical roller bearings. A. I. Gultukin, M. M. Kurganov, V. A. Petrov. *Vest. TSNI MPS* 26 no. 5 45-50 '67.
- Determination of stresses in a crank mechanism induced by eccentric chain joints. A. B. Izraelit. *Izv. vys. ucheb. zav. mashinost.* no. 11 11-19 '67.
- Efficiency of polymer retainers of ball bearings in a vacuum. B. P. Vol'pov. *Mashinostroi'tel'* no. 9 36-37 S '67.
- Experimental investigation of free motion of free-play roller mechanisms. V. T. Mal'nev. *Izv. vys. ucheb. zav. mashinost.* no. 11 19-24 '67.
- Hard facing of cast-on crankshafts for GAZ-M-21 motors. I. U. A. Moshenskii. *Avtom. svar.* 20 no. 5 63-65 My '67.
- Heat calculation and methods of reducing thermal stresses of accelerating hydraulic clutches. O. V. Larenko, T. I. Kononenko. *Khim. i nef. mashinost.* no. 10 9-11 Ja '68.
- Hydrodynamic design of sliding bearings with its clearance not fully lubricated. I. U. A. Mironenko. *Izv. vys. ucheb. zav. mashinost.* no. 11 51-54 '67.
- Improved design of a throttle washer. A. M. Kruchinla. *Energetik* 15 no. 12 18-19 D '67.
- Static characteristics of a radial gas dynamic bearings. I. U. A. Ivanov. *Izv. vys. ucheb. zav. prib.* 10 no. 3 83-86 '67.
- Using polymer materials as lubricants. S. I. Gorfinkel'. *Mashinostroi'tel'* no. 9 27 S '67.
- ## 621.83 GEARS, CAMS, LINKS, RATCHETS
- Analytic investigation of the geometry of meshing two-wave gearing. Kh. R. Kazykhanov. *Izv. vys. ucheb. zav. mashinost.* no. 11 6-14 '67.
- Calculating mechanical characteristics, and load distribution over independent drives of two-drum belt conveyors. R. A. Bakka, M. A. Levin, G. Zhur, 143 no. 12 30-41 D '67.
- Comparative analysis of cam-gear systems used in blade counters. L. A. Arutunov, N. G. Agabekov, E. R. TSabekovich. *Za tekhn. prog.* 6 no. 11 21-23 N '66.

- Development of meshing theory and geometric theory of gear transmissions. V. A. Givilenko. *Izv. vys. ucheb. zav. mashinost.* no. 10 34-38 '67.
- Methods of life testing in friction conditions of antifriction coatings at temperatures up to 600°C in vacuum and in air. R. M. Mitkevich, S. A. Popov. *Zav. i lab.* 31 no. 4 713-747 '67.
- Modeling the testing of gears for butt wear. A. T. Radchenko. *Zav. i lab.* 33 no. 6 745-749 '67.
- Shaping of the teeth of high quality cylindrical time-module wheels. A. I. Shestakov. *Izv. vys. ucheb. zav. prib.* 10 no. 3 110-115 '67.
- Three-dimensional meshing profile for metal and polymer gearing operating in a temperature field. A. I. Givilenko, M. A. Mosalev. *O. I. Ostapenko. Izv. vys. ucheb. zav. mashinost.* no. 11 5-9 '67.

621.85 FLEXIBLE TRANSMISSIONS AND DRIVES

- Study of the dynamic loading of the transmission on new GAZ-53A truck in the presence of torsional vibrations. A. A. Kupremin. *Izv. vys. ucheb. zav. mashinost.* no. 11 107-111 '67.

621.86 MATERIALS HANDLING MECHANICAL HANDLING AND HOISTING EQUIPMENT

- Automatic machines for removal and stacking of silicate bricks. A. Kostovets'kiy. *Sil. i bud.* 16 no. 1 17-18 Ja '66.
- Belt conveyor vacuum-press. G. Barovych. *Sil. i bud.* 16 no. 1 19-20 Ja '66.
- Development of standard picking sets for the transport of radioactive materials. G. I. Lukishov, O. A. Cheluk. *Atom. energ.* 24 no. 1 105-108 Ja '68.
- Evaluating the degree of dynamic loading producing abrasive wear. L. V. Petrov. *Zav. i lab.* 33 no. 6 749-750 '67.
- Foreign loading equipment. F. Mamontov. *Ryb. khoz.* 41 no. 11 81-83 '67.
- Plastics in the hoisting and conveying machinery industry. B. Ia. Finkel'shtein. *Mashinostroi'tel'* no. 9 23-25 S '67.
- Problems of developing transport processes in machinery manufacturing. V. I. Iurkova. *Trudy Ural. politekh. inst.* no. 161 67-71 '67.
- Using fire-resistant conveyor belt. L. I. Ippel' and others. *Ugol'* 42 no. 12 32-34 D '67.

621.87 CRANES AND OTHER HOISTING MECHANISMS EXCAVATORS, DREDGERS, ETC

- Attaching bulldozers to the body of an automobile. I. N. Gvozdev. *Tekhn. snab. Sov. Vost. Sil* 26 no. 9 75 '65.
- The construction and road building machinery during the past 50 years. N. G. Dombrovskii. *Izv. vys. ucheb. zav. mashinost.* no. 10 79-93 '67.
- Effect of vibration frequency on the expenditure of energy and required force for drive motors of vibrator buckets. V. V. Bellanin. *Izv. vys. ucheb. zav. stroit. i arkh.* 10 no. 9 100-106 '67.
- Improving the durability of crane wheels. I. A. Utin, G. I. Shandenko. *Mashinostroi'tel'* no. 1 44-45 Ja '68.
- Insertion pieces and V-shaped heads for jibs of erection cranes. M. Ia. Tognus, Sh. L. Machabell, A. S. TSvetkov. *Stroi. i dor. mash.* 12 no. 9 34-36 S '67.
- Scientific research work carried out by institutions of higher education in the field of hoisting and transport machine building. M. P. Aleksandrov. *Izv. vys. ucheb. zav. mashinost.* no. 10 69-78 '67.
- Study of the process of stopping the operating mechanism of a low output rotor excavator. V. V. Kozynov. *Izv. vys. ucheb. zav. mashinost.* no. 11 112-115 '67.
- Using transverse types of overburden removal in operating multibucket chain excavators. P. I. Keistov. *Ugol'* 42 no. 12 46-48 D '67.
- Veteran of Russian excavator manufacturing. N. I. Iurygin. *Stroi. i dor. mash.* 12 no. 9 2-6 S '67.

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- The Kiev "Red Excavator" Plant of the Order of the Red Banner. P. F. Kvashin. *Stroi. i dor. mash.* 12 no. 9 6-9 S '67.
- ## 621.88 MECHANICAL ATTACHMENTS AND FIXINGS
- New standards. G. Helm, N. Kalinichenko. *Tekh. i voruzh.* 25 no. 10 56-57 O '66.
- Spring washers. V. P. Bhenliuk, R. U. kats. *Mashinostroi'tel'* no. 1 26-27 Ja '68.
- ## 621.89 LUBRICATION, FRICTION REDUCING AND INCREASING DEVICES
- Breakdown of the layer of oil flowing from the parking on rotating shafts. A. S. Lyshchevich. *Izv. vys. ucheb. zav. nef. i gaz.* 8 no. 12 61-65 '65.
- Lubricants for weapons. P. Tsibko. *Tekh. i voruzh.* 25 no. 10 52-54 O '66.
- Oil-soluble sulfonates from the extracts of phenol treatment. I. P. Lukashovich, Ia. I. Eminchili. *Izv. vys. ucheb. zav. nef. i gaz.* 8 no. 12 65-67 '65.
- Unit for the study of friction in a vacuum of electrically and mechanically isolated systems. G. P. Derun'ian. *Izv. vys. ucheb. zav. mashinost.* no. 11 47-50 '67.

621.9 TOOLS. MACHINE TOOLS. MACHINING

- Actual state of grinding. G. B. Lur'e. *Mashinostroi'tel'* no. 11 28-31 N '67.

- Analysis of operation of paired vertical broaching lathes for external broaching. V. I. Barabchuk. *Stroi. i dor. mash.* 38 no. 12 12-13 D '67.

- Attachment for angular slotting. M. B. Mladik. *Mashinostroi'tel'* no. 11 47 N '67.

- Attachment for use in repairing large-size machinery. E. N. Petrov. *Stroi. i dor. mash.* 38 no. 12 33-34 D '67.

- Automatic machine for cutting longitudinal grooves. A. S. Rusakov, G. F. Kotabiev, I. A. Glushko. *Mashinostroi'tel'* no. 11 19 N '67.

- Bind elastic abrasive drums. B. P. Barmin. *Mashinostroi'tel'* no. 11 33-34 N '67.

- Calculating forced vibrations of a hydraulic drive. A. N. Prokofev. *Vest. mashinost.* 17 no. 12 11-17 D '67.

- Ceramic metal bonds for diamond boring. A. A. Atkhu-phov. *Mashinostroi'tel'* no. 11 32-33 N '67.

- Determining limits of areas of utilization for machine tools. M. O. Iakobson, B. L. Shumakov. *Stroi. i dor. mash.* 38 no. 12 17-19 D '67.

- Determining the effect of errors in producing the profile of a cutter and of the fit of the cutter and blank in machining, on the precision of the finished profile of helical surfaces. V. G. Kalitensko, A. M. Martynov. *Izv. vys. ucheb. zav. mashinost.* no. 9 160-162 '67.

- Determining the fitting angle in grinding the BHM-1 part less cutting tool. G. S. Minashin. *Mashinostroi'tel'* no. 11 38 N '67.

- Determining the height of foundations for heavy machine tools in relation to soil properties. V. V. Kuznetsov. *Stroi. i dor. mash.* 38 no. 12 5-6 D '67.

- Determining the roll diameter of the rolls of a sheet bending machine and dimensions of blank to be bent. N. F. Mosinin. *Vest. mashinost.* 17 no. 12 17-18 D '67.

- Development of the design and production technology for drills. G. I. Iasinikh. *Stroi. i dor. mash.* 38 no. 12 45 D '67.

- Device for measuring external diameters. I. S. Tikhonov. *Mashinostroi'tel'* no. 11 22 N '67.

- Device for precision interpositioning of teeth in machining multiple-gear wheels. A. F. Buglin and others. *Stroi. i dor. mash.* 38 no. 12 32-33 D '67.

- Dynamic loads in the drives of cone crushers. S. A. Pankratov, V. N. Lazarev. *Izv. vys. ucheb. zav. mashinost.* no. 9 141-145 '67.

- Effect of a worm conveyor and its relative speed of rotation on the process of sedimentation in continuous helical conveyor centrifuges. A. A. Mestevich, N. I. Gelfman. *Khim. i nef. mashinost.* no. 11 21-21 N '65.

- Effect of the size of grinding parts on the productivity of ball mills during grinding of paint pastes. I. A. Gulyovskii and others. *Lakokras. mat. i tekhn.* 6 no. 70-73 '67.

- Efficient method of grinding clinker in a closed cycle. V. A. Chernomarovskii. *Tsiment* 33 no. 6 14-15 N-D '67.

- Elizaveta Pavlovna Nadeinskaya 1901-1967. *Stroi. i dor. mash.* 38 no. 12 12 D '67.

- Experience gained from the industrial use of NIIZhS gripping devices. K. Mikhailov, B. Skiba. *Na stroit. Ros.* 8 no. 10 26-27 O '67.

- Flow chart analysis for profile grinding of cone-type gear cutters. N. A. Shevchenko, E. N. Maksimova. *Stroi. i dor. mash.* 38 no. 12 28-30 D '67.

- For you, milling machine operators. G. I. Grushchinskii. *Mashinostroi'tel'* no. 11 46-47 N '67.

- Frequency difference drive for milling machine spindles. I. U. D. Viagov, I. U. N. Gordin, N. I. Popov. *Stroi. i dor. mash.* 38 no. 12 7-10 D '67.

- Graphic-analytical method for calculating transition processes in electric drive systems with magnetic amplifiers. A. A. Erofeev. *Stroi. i dor. mash.* 38 no. 12 10-12 D '67.

- High precision boring heads with hydrostatic bearings. V. Ia. Rassokhin, I. U. N. Sokolov, I. U. N. Nepomniashchikov. *Stroi. i dor. mash.* 38 no. 12 20-21 D '67.

- High revolution hydraulic spindles for grinding glass. B. M. Grachev and others. *Stroi. i dor. mash.* 38 no. 12 19-20 D '67.

- In the Ministry of the Machine Tool and Cutting Tool Industry. *Vest. mashinost.* 17 no. 12 78-79 D '67.

- Inertial vibrating jigging screens. L. P. Stepanov, G. A. Rozhn, Mekh. stroit. 24 no. 12 19-21 D '67.

- Intensification of the process of vibrational machining of parts. A. P. Babichev and others. *Vest. mashinost.* 17 no. 12 40-42 D '67.

- Investigating the dust formation and disperse composition of slime during boring with manual perforators. A. P. Ivanov and others. *Gor. zhur.* 143 no. 1 69-70 Ja '68.

- Kinematic accuracy of gear milling machines. B. M. Partenskii. *Stroi. i dor. mash.* 38 no. 12 21-22 D '67.

- Machine for broaching lubrication grooves. N. T. Katellin. *Mashinostroi'tel'* no. 11 34 N '67.

- Measuring instruments for adjusting two-sided automatic face grinders. Z. Sh. Geifer. *Stroi. i dor. mash.* 38 no. 12 14 D '67.

- New lubricating and cooling fluids. M. I. Kiushin. *Mashinostroi'tel'* no. 11 23-24 N '67.

- New machine tools. *Stroi. i dor. mash.* 38 no. 12 35-36 D '67.

- Polymers and plastics. M. G. Dranovskii. *Mashinostroi'tel'* no. 9 8-9 S '67.

- Problem of determining the sequence of the machining of parts having identical technological routings. G. V. Chernova. *Prim. mat. vekon* 4 66-68 '67.

- Quality of threads produced by self-threading screws. I. U. Zurov. *Izv. vys. ucheb. zav. mashinost.* no. 9 153-156 '67.

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- Tests of cylinder and cone grinding machines. B. I. Oshman, Vest. mashinost. 17 no. 12-37 D '67.
- Designing bearing assemblies on 400 x 700 coke crushers. Z. F. Butnar, Metallurg 12 no. 5-10-11 Mv '67.
- Factor of loading of automatic centrifuges. B. V. Kolosovskii, Khim. i nef. mashinost. no. 4-40-41 Ap '65.
- Repairing the block of a plane. L. I. Sukhikh, Shkola i tekhn. 11 no. 12-39 D '67.
- Results of scientific work of institutions of higher education in press working of metals. A. I. Zimin, Izv. vys. ucheb. zav., mashinost. no. 10-136-113 '67.
- Turning internal thread and making rolls. B. F. Danilov, Mashinostroitel' no. 11-21-25 N '67.
- Safety requirements for die designs. P. I. Kazakevich, Mashinostroitel' no. 11-39-41 N '67.
- Scientific research of institutions of higher education in the field of machine-tool construction. N. S. Acheikan, Izv. vys. ucheb. zav., mashinost. no. 10-119-129 '67.
- Selecting construction material for an electrostatic separator. I. U. N. Nabulin, A. D. Domashnev, Khim. i nef. mashinost. no. 11-20-31 N '65.
- Self-sharpening cutters. E. G. Kononov, L. A. Gik, Mashinostroitel' no. 1-46-17 Ja '68.
- Spherical reamers. A. S. Krepak, P. P. Mokinenko, Mashinostroitel' no. 11-44 N '67.
- Study of axial component of cutting force in cutting thread with cut taps. M. V. Sifanov, Stan. i instr. 38 no. 12, 33-31 D '67.
- Study of temperature fields and stresses in a pipe during forced oscillations of temperature. V. M. Vigak, S. V. Pavlovskii, Teploenergetika 15 no. 1-37-40 Ja '68.
- Study of the precision of holes produced by punching machines on coordinate-turret presses. L. L. Grigor'ev, Izv. vys. ucheb. zav., prib. 10 no. 3-15-12 '67.
- Study of the rigidity and vibration stability of ball finishing machine tools used in the ball bearing industry. M. K. Khabarov, A. F. Malakhov, Izv. vys. ucheb. zav., mashinost. no. 11-118-119 '67.
- Study of vibrations in grinders. S. E. Bondar', G. S. Vukner, Stan. i instr. 38 no. 12-15-17 D '67.
- Technical and economic indices of diamond honing. I. Kh. Crepovetskii, Mashinostroitel' no. 11-35-38 N '67.
- Teeth profiling of slot cutting rolls operating by the rounding method. I. U. G. Proskurnikov, V. A. Melnikov, Stan. i instr. 38 no. 12-27-28 D '67.
- What can be used in your enterprise. Mashinostroitel' no. 11-26-27 N '67.
- Ultrasonics in machine building. V. V. Deviatov, Vest. mashinost. 47 no. 12-74 D '67.
- Use of devices with magnetic amplifiers in feeding shaft mills of boilers. N. G. Shveta, M. F. Makalkin, Energetik 15 no. 11-23-24 N '67.
- Use of vertical multipindle semiautomatic machines in a lot machine production. D. G. Belotskii, Vest. mashinost. 47 no. 12-42-45 D '67.
- Wear regularities caused by cutting and friction. L. S. Serechenkova, Izv. vys. ucheb. zav., mashinost. no. 9-157-159 '67.
- A working kinematic hookup of a machine tool model. M. Sh. Tainopol'skii, Sred. spets. obr. 11 no. 12-13 D '67.

621.9(471.310)—Moscow City

- Contributions of the "Krasnyi Proletarii" workers to the jubilee. V. Ermilov, Mat. i tekhn. snabzhen. 2 no. 6-40-43 Ju '67.

621.9(477)—Ukrainian S. S. R.

- Work of the plant under the new conditions. A. Bezhdin, V. Miednykov, Ekon. Rad. Ukr. 10 no. 10-30-32 Ji '67.

621.91 ROUGHING, PLANING, SHAPING, SLOTTING, MILLING, FILLING, RASPING, BROACHING

- Achievements of Soviet scientists in the field of research on the cutting process and cutting tools. G. I. Granovskii, Izv. vys. ucheb. zav., mashinost. no. 10-120-135 '67.
- Attachment for fastening milling cutters. N. B. Safonov, Mashinostroitel' no. 1-40 Ja '68.
- Effect of cutting speed on cutting force components. A. S. Shesternin, Izv. vys. ucheb. zav., mashinost. no. 11-169-172 '67.
- Kinograph for determining parameters of a milling cutter. B. V. Romanovskii, Mashinostroitel' no. 1-23 Ja '68.
- Selection of operating conditions for the drilling of grey cast iron. A. I. Kotlikova, Izv. vys. ucheb. zav., mashinost. no. 11-147-150 '67.
- Some problems of free oblique angle cutting. I. I. Fel'man, Izv. vys. ucheb. zav., mashinost. no. 11-130-141 '67.
- Stresses in the cutting edge of a tool and the essence of the breaking "breaking" thicknesses of a cut. T. N. Loladze, Kh. Chandrasekaran, A. I. Betanoli, Izv. vys. ucheb. zav., mashinost. no. 11-128-131 '67.

621.92 ABRADING, ABRASIVES, GRINDING, POLISHING, CRUSHING, SEPARATING AND MIXING

- Control systems for a honing machine operational cycle. S. I. Kulikov, V. A. Romanchuk, P. F. Rizvanov, Mashinostroitel' no. 1-20-23 Ja '68.

Redesigning of MVS-105 roller mills. E. I. A. Sharapova, Energetik 15 no. 12-10-11 D '67.

Reinforcing parts of crushing and grinding equipment by the explosive method. A. A. Mamontov and others, Gor. zhur. 143 no. 1-15-46 Ja '68.

Study of thermal phenomena occurring during the grinding of a hard alloy by diamond wheels. V. M. Davydov, Izv. vys. ucheb. zav., mashinost. no. 11-141-146 '67.

Unit for separating neon-helium mixtures. V. M. Dobrov, O. K. Tabunskikh, Khim. i nef. mashinost. no. 1-12-13 Ja '68.

621.93 SAWING, SAWS, CUTTERS

Increase in operational time of band saws of an assembly line for fish sticks. V. G. Proselkov, A. I. Polcev, I. M. Gorol', Rys. khoz. 13 no. 11-55-56 '67.

621.94 LATHES AND LATHEWORK, TURNING

Algorithm for optimizing the multistep set-up of automatic and semiautomatic lathes. I. A. M. Kershenbaum, N. O. Al'chenova, Khim. i nef. mashinost. no. 1-30-32 Ja '68.

Calculation of parameters of sliding operating conditions of a hydraulic relay tracking system of a duplicating metal cutting machine. V. L. Sosonkin, I. U. P. Mochev, Izv. vys. ucheb. zav., mashinost. no. 11-123-127 '67.

621.96 PERFORATING, BLANKING, SHEARING, CLEAVING

Determining the rate of travel of sheets during their cutting by rotary shears. A. M. Shtubov, Izv. vys. ucheb. zav., Chern. met. 10 no. 12-150-161 '67.

Sectional shears for cutting ropes. B. A. Skvortsov, I. A. Pafhomchuk, Mashinostroitel' no. 9-42 S '67.

621.97 HAMMERS, PRESSES

Effect of structural factors on the stability of punch acts on hot forging machines. E. I. Bel'skii, B. M. Tseiger, Kuz. shtam. proizv. 9 no. 12-13 D '67.

Efficiency of using highly efficient types of equipment in serial production. M. M. Gud'chikov, Prikl. raz. ekon. Diz. no. 5-5-10 '67.

Precision of a graphic construction of fields for lines of sliding. I. A. N. Rabinovich, L. A. Shofman, Izv. vys. ucheb. zav., mashinost. no. 11-155-158 '67.

Semiautomatic press. V. A. Volkov, Mashinostroitel' no. 1-31 Ja '68.

621.98 SHEET METAL WORKING, BENDING MACHINES

Analysis of stressed and deformed state during the forming of axially symmetric thin-walled shells. L. A. Krondelev, N. L. Kolesnikov, Kuz. shtam. proizv. 9 no. 12-17-22 D '67.

Analysis of stressed and deformed state in the initial stage of the deep drawing process. V. P. Romanovskii, Kuz. shtam. proizv. 9 no. 12-13-17 D '67.

Forming complex parts by underwater explosions. E. B. Medvedevskii, Kuz. shtam. proizv. 9 no. 12-10-42 D '67.

Optical modeling of a sheet straightening on a roller-type straightening machine. I. Z. Entin and others, Izv. vys. ucheb. zav., Chern. met. 11 no. 1-75-78 '68.

Universal die for making grooves in rolled angles. B. A. Zaitmanov, V. N. Boguslavskii, Kuz. shtam. proizv. 9 no. 1-43-44 D '67.

622 MINES AND MINERAL DRESSING

At the seminar on scientific organization of work in the coal industry. F. I. A. Rozenberg, Ugol' Ukr. 11 no. 12-54-55 D '67.

Differential equations describing the percolation of gas-liquid systems allowing for the mass transfer of residual water. A. Kh. Mirzadzhanzade, Z. M. Akhmedov, T. A. Samedov, Dokl. AN SSSR 176 no. 5-1035-1038 O '67.

Eastern Scientific Research Mining Institute (VostNIGRI) S. I. A. Kubov, Gor. zhur. 143 no. 1-9-10 Ja '68.

Economic mathematical model for the analysis and planning of labor productivity. V. V. Osmolovskii and others, Gor. zhur. 143 no. 12-8-11 D '67.

In the Collegium of the Ministry of the Coal Industry of the U. S. S. R. Ugol' 42 no. 12-52-54 D '67.

Mechanization of underground operations in mines of the nonferrous metallurgy of the U. S. S. R. I. A. B. Kal'nikskii, Gor. zhur. 143 no. 12-34-39 D '67.

Memorial flags in honor of the Great October's 50th anniversary to the best enterprises for eternal custody. Gor. zhur. 143 no. 12-3-5 D '67.

Mining engineering in the last 50 years. M. I. Agoshkov, Gor. zhur. 143 no. 12-33-37 N '67.

Mining machinery industry on the fiftieth anniversary of the Great October. V. F. Zhigalin, Gor. zhur. 143 no. 11-14-32 N '67.

Our school of progressive experience. E. I. Morozova, Sred. spets. obr. 14 no. 12-10-11 D '67.

Scientific Research Mining Institute (NIGRI). A. M. Baluta, Gor. zhur. 143 no. 1-7 Ja '68.

The Sverdlovsk Technical School of Mining and Metallurgy. V. Sivkov, Sred. spets. obr. 14 no. 12-45-46 D '67.

The Sverdlovsk V. V. Vakhurshev Mining Institute. L. A. Stenin, Gor. zhur. 143 no. 1-3-4 Ja '68.

622(574)—Kazakh S. S. R.

Achievements of the mining industry and the objectives of mining research in Kazakhstan. A. M. Strazutchinov, Vest. AN Kazakh SSR 23 no. 11-66-78 N '67.

622(575.2)—Kirghiz S. S. R.

Practical work of young miners. N. Mordvin, Prof. i tekhn. obr. 24 no. 7-11 Ji '67.

622(571.17)—Kemerovo Province

In the mines of the Kuznetsk Basin. I. Pashkova, M. Petrova, and T. Mikhailova, Prof. i tekhn. obr. 24 no. 7-28 Ji '67.

622.1 PRELIMINARY INVESTIGATION, EXPLORATION, SAMPLING AND ANALYSIS

Effect of the desorption of gas condensate systems on the permeability of rocks in the presence of residual water saturation. Sh. S. Aslanov and others, Izv. vys. ucheb. zav., nef. i gaz. 8 no. 9-53-55 '65.

Methods of adjusting geodetic mine survey networks for building mine surfaces. I. I. Dobkin, A. P. Starytsyn, Shkhol. strol. 11 no. 4-29-31 Ap '67.

Mine surveying in the U. S. S. R. and main objectives of its further expansion. D. N. Ogioblin, A. N. Orlovchenko, Ugol' 42 no. 12-40-13 D '67.

Studying rock jointing by core samples of coring boreholes. I. A. Pirogov, Trudy Leningradskogo na 4-27-38 '65.

Unsteady percolation of gassy fluids in layers divided by a slightly permeable partition. V. I. Mutakova, I. U. B. Usov, Izv. vys. ucheb. zav., nef. i gaz. 8 no. 9-35-40 '65.

X-ray radiometry method of testing mine workings in antimony deposits. P. P. Leman, G. F. Komissarzhenskii, Razved. i okh. nedr. 34 no. 1-45-18 Ja '68.

622.2 MINING OPERATIONS, EXPLOITATION AND WORKING OF MINERAL DEPOSITS, OIL AND GAS WELL DRILLING

Abandonment of the rock in coal mines of the western Donets Basin. P. I. Maosin and others, Ugol' 42 no. 12-10-21 D '67.

Achievements of the best drilling and mining brigades. V. A. Chernov, Razved. i okh. nedr. 31 no. 1-53 Ja '68.

Analytic determination of the coefficient of the strength of a fractured block. G. N. Popov, P. D. Markin, Izv. vys. ucheb. zav., geol. i razv. 11 no. 1-120-134 Ja '68.

Analyzing diagrams for longwall mining of flat seams with powered supports. I. U. Zashchinskii and others, Ugol' Ukr. 11 no. 12-27-28 D '67.

Analyzing the efficiency of OM-29-110K roller-type bits. I. U. A. Shilin, Gor. zhur. 143 no. 12-29-31 D '67.

Analyzing the operational reliability of the UZ-5-5 drilling hoist. S. G. Babayev, I. A. G. Shapibayev, Azei. nef. khoz. 46 no. 12-43-45 D '67.

The APZM-2 automated air charging apparatus for loose explosives. V. I. Emekreev and others, Gor. zhur. 143 no. 12-44-45 D '67.

An assessment of the stability of solution to the reverse problem of induction logging. S. I. Tembulatov, AN Kazakh, SSI 23 no. 10-57-63 O '67.

Automatic equipment for controlling the consumption of compressed air in a pneumatic system. E. I. Moizov, Ugol' Ukr. 11 no. 12-35-37 D '67.

Automation of liquid level control in the body of a hydraulic brake of a drilling rig. A. A. Gadzhiev, Izv. vys. ucheb. zav., nef. i gaz. 10 no. 9-97-100 '67.

Blasting the Krivoy Rog quartzites with "granulit"-saltwater mixtures. I. U. S. Mets, I. T. Kolesnikov, O. I. A. Usov, Gor. zhur. 143 no. 12-31-34 D '67.

Boring holes with small diameter roller drill bits. V. S. Tyavkin and others, Razved. i okh. nedr. 34 no. 1-34-38 Ja '68.

Building the covers against contact to ground in open-pit mine networks with voltage higher than 1 kv. L. V. Gladilin, V. I. Shchutskii, I. E. Vasil'ev, Gor. zhur. 143 no. 1-57-59 Ja '68.

Calculating and analyzing dimension diagrams of oil field equipment. S. G. Sultanov, M. E. Litsengarten, A. I. A. Rukhol, Khim. i nef. mashinost. no. 11-17-21 N '65.

Calculating parameters of screw bolt supports in vertical workings. A. D. Pashkov, V. F. Rogoznyi, Gor. zhur. 143 no. 12-24-27 D '67.

Calculating the elasticity of drill pipes. M. M. Aleksandrov, Izv. vys. ucheb. zav., nef. i gaz. 8 no. 12-23-28 '65.

Cementation of water-bearing and gaseous rocks during vertical shaft sinking. S. Kh. Volobuev, Shkhol. strol. 11 no. 4-16-20 Ap '67.

Certain constructional factors affecting the efficiency of drilling lines in well drilling. A. I. Spivak, P. P. Bukhreev, M. G. Il'hn, Izv. vys. ucheb. zav., nef. i gaz. 8 no. 12-39-41 '65.

Certain regularities as to the effect of basic cutting parameters on breakage of coal with cutters. M. G. Moiseenko, P. V. Ostapenko, Ugol' Ukr. 11 no. 5-10-12 My '67.

Changes in physicochemical properties of rocks at great depths, and their effect on the mining and lining of workings. N. G. Trupak, Gor. zhur. 143 no. 1-32-35 Ja '68.

Character of pressure changes in the impeller of a centrifugal pump operating on a gas-liquid blend. N. N. Repin, I. T. Mischenko, Izv. vys. ucheb. zav., nef. i gaz. 8 no. 9-77-80 '65.

1. Investigation of using glass-lined tubing in oil wells. B. I. Zolotarev, I. I. Poterko, A. P. Timofeev. *Neftprom* 11 no. 11-14 '66.
2. Investigation of using the system of sublevel shafts with gas-cement blasting of pillars for unfilled chambers. M. P. Khachatryan. *Gor. zhur.* 141 no. 12-21 D '67.
3. Performance in working with small-diameter bits. I. E. L. G. Razved. *Lokh. zhur.* 34 no. 136 Ja '68.
4. Experimental determination of temperature fields in the gravel space of a well. B. M. Suchkov and others. *Neftprom delo* no. 11-18 '66.
5. Experimental determination of the reduced mass of rotation elements of a drilling rig. G. M. Shakhmatov, Z. G. Fomina. *Izv. vuzov, ucheb. zav., nef. i gaz* 10 no. 9105-107 '67.
6. Experimental lining of potash mine shafts with cement concrete. A. I. Shapovalov. *Shakht. stroit.* 11 no. 4 1-7 Ap '67.
7. Experimental study of the process of drilling out cement plugs in casing strings. I. M. Feldman. *Izv. vuzov, ucheb. zav., nef. i gaz* 10 no. 939-42 '67.
8. Investigation of the "kiverts" cutter-loader. I. I. Shchegolev. *Ugol' Ukr.* 11 no. 525-26 My '67.
9. New method for determining equivalent conditions of drilling out of drilling slum holes. V. I. Egorov, M. A. Alekseyev. *Izv. vuzov, ucheb. zav., nef. i gaz* 10 no. 12107-110 '65.
10. History of the works of the petroleum and gas industries of the USSR. *Izv. vuzov, ucheb. zav., nef. i gaz* 10 no. 931-34 '65.
11. Hydraulic size of particles of correct form of more than 100 μ results of experimental studies. V. I. Kiselev, A. P. Sa. *Izv. vuzov, ucheb. zav., nef. i gaz* 10 no. 110-114 '66.
12. **Isashin, A. M., and A. I. Yakovlev.** [Testing of boreholes.] *Ispytanie skvazhin* Moskva, "Nedra," 1967. 174 p.
13. Improvement of mining operations for the 50 years of Soviet rule. A. M. Fedorov, V. A. Sakharevskii. *Shakht. stroit.* 11 no. 11-13 Ap '67.
14. Improving the level of economic work in drilling offices. A. M. Luts. *Proizv. nefteob. prom.* no. 12 9-11 '67.
15. Improving the ventilation in mines of the Donbassantrast. Combine with large diameter boreholes. N. A. Prolov and others. *Ugol' Ukr.* 11 no. 542-44 My '67.
16. Improving track-laying operations in the open-pit mine. A. I. G. Razved. *Lokh. zhur.* 34 no. 12-16 D '67.
17. Increasing the reliability of equipment for measuring borehole diameters. V. I. Bykov, I. S. Rud, V. I. Valentin. *Gor. zhur.* 143 no. 172-73 Ja '68.
18. Industrial testings of bits with rotating cutters in open-pit coal mines. V. D. Butin and others. *Ugol' Ukr.* 11 no. 1227-29 D '67.
19. Industrial testings of D-584 single-bucket loaders. K. N. Trubetskoi, E. R. Leonov. *Gor. zhur.* 143 no. 12-15 D '67.
20. Influence of certain factors on the economic efficiency of an overall mechanization of stoping in steeply pitching coal seams. I. F. Shvets. *Ugol' Ukr.* 11 no. 520-23 My '67.
21. Influence of the width of protective pillars on maintenance costs of development workings. V. L. Oreshkin. *Ugol' Ukr.* 11 no. 521-25 My '67.
22. Interaction of coal alkali reagents with chromates. I. A. Sirotina, K. F. Paus. *Izv. vuzov, ucheb. zav., nef. i gaz* 10 no. 936-38 '67.
23. Investigating load diagrams of the drives of subsurface pumps. S. M. Gadacz, I. M. Gradus, Azerb. nef. khoz., 16 no. 12 15-17 D '67.
24. Investigating the dust formation and disperse composition of slime during boring with manual perforators. A. P. Anov and others. *Gor. zhur.* 143 no. 169-70 Ja '68.
25. Investigating the vibration of an inclined post on a very long flexible suspension by the G. V. Kamenev method. K. M. Mustafayev. *Izv. vuzov, ucheb. zav., mashinost.* no. 9 57-62 '67.
26. Investigations on time measurement in coal mines. V. A. Sygoyev, O. P. Suslov. *Ugol' Ukr.* 11 no. 12 37-39 D '67.
27. Jointing and karsting of carbonate series in Saksgan' region. N. A. Artsev. *Trudy Lengidoproskta* no. 4 39-44 '66.
28. Making powered equipment for borehole drilling in carrying out development workings. N. A. Malevich. *Ugol' Ukr.* 11 no. 12 29-32 D '67.
29. Manufacturing the equipment for controlled drilling of boreholes in coal seams. E. T. Prosvyannik, A. A. Nemikov. *Ugol' Ukr.* 11 no. 12 31-34 D '67.
30. Measuring the deflection of under-ground boreholes. B. I. Gurevich. *Ugol' Ukr.* 11 no. 5 47-48 My '67.
31. Method of justifying design drilling speed. I. S. Romanovich, O. N. Spiridonov, G. P. Chubach, Eken nefteob. prom. no. 9 18-21 '67.
32. [Methodological guide for the determination of methane abundance and the amount of air needed for longwall ventilation according to the new technology of coal seam mining.] *Metodicheskoe rukovodstvo po raschetu metanobyl'nosti i kolichestvu vozdukh dlia proverivaniia lav pri novoi tekhnologii vyemki ugoľnykh plastov*, Moskva, 1967. 21 p.
33. Methodology of determining demands for drilling equipment. B. M. Lerner, V. I. Egorov. *Izv. vuzov, ucheb. zav., nef. i gaz* 10 no. 9117-119 '67.
34. Mining hard grounds with new high-capacity hydraulic gantries. I. Sh. Khurim, M. S. Triandafilov. *Gor. zhur.* 143 no. 12 11-12 D '67.
35. Noncontact code converter of mechanical displacements. I. A. Nabiev, N. S. Rustamov. *Za tekhn. prog.* 6 no. 11 4 N '66.
36. Organizing work in a rigging-up crew. A. Smirnov. *Neftprom* 13 no. 129-31 Ja '66.
37. Performance of a d.c. machine in oil under high pressures. L. L. Rykun. *Izv. vuzov, ucheb. zav., nef. i gaz* 10 no. 12 95-97 '65.
38. Periodic injection of hot water into oil formations. Z. I. Tanov. *Azerb. nef. khoz.* 16 no. 12 11-12 D '66.
39. Pneumatic puller of wedging bore rods. G. D. Lichkov, V. G. Goncharenko, V. A. Dimak. *Shakht. stroit.* 11 no. 4 22 Ap '67.
40. Polymer-cement plugging slurries for gas and oil wells. G. N. Khramidlin. *Gaz. prom.* 12 no. 12 10-14 D '67.
41. Possibility in using dynamometric tensiometer for non-stop weighing of ore in mines. V. B. Nikulina, V. S. Shchegolev. *Izv. vuzov, ucheb. zav., nef. i gaz* 10 no. 12 137-140 D '67.
42. Possibility of fluidization of sand plugs in a gas well. B. V. Gad. *Izv. vuzov, ucheb. zav., nef. i gaz* 10 no. 9 17-58 '67.
43. Pressing force of rotating pipe against the walls of a vertical well. M. M. Alekseyev. *Izv. vuzov, ucheb. zav., nef. i gaz* 10 no. 9 25-30 '67.
44. Problem of geological and economic justification of the number of patterns in the prospecting of multi-layered oil and gas fields. A. M. Velikov, B. A. Kozlov. *Proizv. nefteob. prom.* no. 12 11-14 '67.
45. Problems of breaking rocks by diamonds. Sh. Ikh. Khramidlin, N. F. Kaganov. *Proizv. nefteob. prom.* no. 12 9-11 '67.
46. Problems of the economic evaluation and selection of the efficient pattern of the distribution of wells, based on the materials of the joint session in Minsk. I. P. Gruzinskii. *Ekon. nefteob. prom.* no. 9 23-27 '67.
47. Progress in planning coal mines of the Donbass Basin. B. L. Kaganovich, A. I. Novikov, G. M. Tsutsul. *Ugol' Ukr.* 11 no. 12 5-8 D '67.
48. Propagation of the solution in concrete fillers during liquid concreting. P. I. Vutlin, K. I. Ruban. *Shakht. stroit.* 11 no. 4 12-15 Ap '67.
49. Prospects for the use of pellet-impact boring. A. I. Uvakov, V. V. Shtrasser. *Razved. Lokh. zhur.* 34 no. 136-10 Ja '68.
50. Quality of shaft linings. Kh. I. Abramson. *Ugol' Ukr.* 11 no. 12 13-15 D '67.
51. Quick methods for determining the strength of sedimentary rocks. P. I. Stetsukha. *Izv. vuzov, ucheb. zav., nef. i gaz* 10 no. 9 31-35 '67.
52. Rapid building of chambers for electric locomotive garages. S. D. Stetsukha. *Ugol' Ukr.* 11 no. 12 15-16 D '67.
53. Reinforcing parts of crushing and grinding equipment by the explosive method. A. A. Mamontov and others. *Gor. zhur.* 143 no. 145-16 Ja '68.
54. Relaxation self-oscillations in a well with a sand plug. I. A. Buevich. *PMTEP* no. 5 156-160 S-O '67.
55. Results of a combined experimental study of the characteristics of a hydraulic percussion drill. V. G. Anov, I. U. G. D'achenko, Mash. i nef. khoz., no. 12 11 '65.
56. Results of industrial testings of the AS-6 granulate. V. A. Khorev. *Gor. zhur.* 143 no. 143-44 Ja '68.
57. Results of the field tests of a well bottom vibration damper. T. A. Kishla. *Proizv. nefteob. prom.* no. 12 9-11 '67.
58. Results of the use of cone bits with various (Azerb. nef. khoz.) A. A. Staritsyn and others. *Proizv. nefteob. prom.* no. 12 9-11 '67.
59. Rod bolting of development workings in unstable rocks. D. V. Pogromskii. *Shakht. stroit.* 11 no. 4 7-9 Ap '67.
60. **Romanchenko, V. N., G. N. Romanchenko, and K. A. Sot-gus.** [Lining materials and storehouse management; handbook.] *Khoz. stroit. i upravleniye materialy i skladskoe khoz. i stroitvo, spravochnik*, Moskva, "Nedra," 1967. 300 p.
61. Roof control by total saving during the first saving operation under conditions of stable wall rocks. G. I. Khvostikov, V. A. Birlukov. *Ugol' Ukr.* 11 no. 5 11 D My '67.
62. Rule for determining round-trip speeds. B. I. A. Khramidlin, L. A. Shashumun. *Proizv. nefteob. prom.* no. 12 33-34 '67.
63. Safety conditions during breaking a running tool by electromagnetic brakes with powder filling. G. S. Gerasimov, R. A. Tamrazov. *Mash. i nef. khoz.* no. 12 19-21 '67.
64. The SPSH-320 large drills with roller bits. I. I. Naitinskii and others. *Gor. zhur.* 143 no. 147-48 Ja '68.
65. Sixth All-Union Seminar on the hydrodynamic methods for studying reservoirs and wells. B. Bogachev. *Izv. vuzov, ucheb. zav., nef. i gaz* 10 no. 12 32 '65.
66. Strength of powered supports and the effect of industrial processes on the occurrence of rock pressure. A. A. Chlov, S. G. Baranov. *Ugol' Ukr.* 11 no. 12 22-27 D '67.
67. Study on models of the change of condition of a carbonate mass under the action of an impact load. A. D. Pankov. *A. B. Pakhovskii. Izv. vuzov, ucheb. zav., nef. i gaz* 10 no. 135-141 Ja '68.
68. Studying the effect of dimensions of rolling parts on the life of the support of a three-roller bit. R. A. Badalov, S. A. Makhmudov. *Azerb. nef. khoz.* 46 no. 12 16-18 D '67.
69. Studying transitional processes in measuring trans. L. G. Ulanov. *Neftprom delo* no. 12-25 '68.
70. System of the operative control of mine transportation operations in open-pit mines. P. A. Andreev, V. V. Konstantinovskii. *Gor. zhur.* 143 no. 12 47-50 D '67.

Systems of mining impregnated complex ores in connection with an intelligent depletion. V. R. Imanov. *Gor. zhur.* 143 no 126-29 Ja '68.

Technological and economic justification of an efficient method of scrap in stockwork deposits. B. P. Imanov and others. *Izv. vys. ucheb. zav., geol. i razv.* 12 130-25 D '67.

Technical expansion of a cable in a well. R. S. Arakelov. *Izv. vys. ucheb. zav., nef. i gaz* 10 no 9 93-95 '67.

General wear of roller bit teeth. L. A. Alekseev, M. I. A. Esosov, M. R. Mavimov. *Izv. vys. ucheb. zav.* 12 103-105 '65.

Prevention of drift in a month. I. U. Denabim. *Ugol' Ukr.* 11 no 12 46-47 D '67.

Transfer of treble cones without disassembling. S. A. Vashchuk. *Ugol' Ukr.* 11 no 5 30-31 My '67.

Controlled percolation of gassy fluids in layers divided by a slightly permeable partition. V. L. Motnikov, I. U. B. Ushakov. *Izv. vys. ucheb. zav., nef. i gaz.* 8 no 9 35-41 '65.

Using insect bits and synthetic resins in working heavily fractured and sulfidated limestone. V. I. Nikitin and others. *Razved. i okh. nedr.* 34 no 1 30-31 Ja '68.

Using reinforced concrete supports for screening chambers. B. V. Petrovskii. *Gor. zhur.* 143 no 12 28-29 D '67.

Using transverse types of overburden removal in operating multibucket chain excavators. Peter Keistien. *Ugol' Ukr.* 12 no 12 46-48 D '67.

Vall'say, M. M. [Increasing the durability of a concrete lining of vertical shafts and its economic efficiency, lectures delivered at higher economic courses for managerial personnel of the coal industry] *Povyshenie effektivnosti betonnoi krepki vertikal'nykh stvolov i ee ekonomicheskaya effektivnost', tekst lektsii, prochnost' na vysshikh ekonomicheskikh kursakh rukovodstvennykh rabotnikov ugol'noi promyshlennosti* Shakhly, 1967. 35 p.

Ways for a further increase of the reliability of the performance of mud pumps. V. I. Rozhnukhin, I. A. S. Mityushin. *Mash. i nef. obozr.* no 12 7-11 '67.

Ways of increasing the efficiency of open-pit mining operations in the Kirovskii Manganese Basin, open for discussion. M. A. Al'ishulin and others. *Gor. zhur.* 143 no 11 18-23 Ja '68.

Ways of reducing losses during pillar drawing. K. N. Zaslavin. *Gor. zhur.* 143 no 12 62 D '67.

Wear of the plunger-cylinder pair of a deep well pump. Z. A. Burshtein. *Izv. vys. ucheb. zav., nef. i gaz.* 10 no 9 108-112 '67.

Well drilling with following jetreaming. U. D. Mamad-zharov, M. I. Khodzhaev, B. G. Tuten'ev. *Bureni.* 12 3-6 '67.

Work practices of G. Z. Lukhanov's high-speed mining brigade. V. G. Prokof'ev. *Razved. i okh. nedr.* 31 no 1-57 Ja '68.

622. 2(437)—Czechoslovakia

Automation of conveyors in the coal mines of Czechoslovakia. A. P. Shukov, G. N. Arkhipov. *Ugol' Ukr.* 11 no 12 53-51 D '67.

Front blasting work practices in horizontal mining in Czechoslovakia. Z. Prohaska. *Gor. zhur.* 143 no 12, 65-67 D '67.

622. 2(471. 13)—Komi A. S. S. R.

Development of the gas industry in the Komi A. S. S. R. P. Lomako. *Gaz. prom.* 12 no 12 38-39 D '67.

622. 2(471. 41)—Tatar A. S. S. R.

Economic efficiency of using the nonclay drilling muds. N. G. Blinova and others. *Ekonom. nefteob. prom.* 12 22-24 '67.

On the work of the "Pervomaiskii" Trust according to the new system of planning and financing. S. M. Panellais, A. F. Neiman, S. G. Plotnik. *Ekonom. nefteob. prom.* 12 11-15 '67.

People with searching ideas. I. A. Ladyzhinskii. *Nefteob. i razv.* 13 no 116-18 Ja '68.

622. 2(471. 43)—Kuybyshev Province

Kuybyshev petroleum workers are improving the use of fixed assets. V. Fumberg. *Nefteob. i razv.* 13 no 123-25 Ja '68.

622. 2(471. 5)—Ural regions

Efficiency of the continuous transport of iron ores in mines of the Urals. L. D. Zubilov, O. V. Slavkovskii. *Gor. zhur.* 143 no 129-32 Ja '68.

622. 2(471. 52)—Bashkiri A. S. S. R.

At the Uchaly Mining and Ore Dressing Combine. A. A. Atangulov. *Gor. zhur.* 143 no 138-39 Ja '68.

Evaluating the work results of drilling brigades. V. F. Shmatov, V. A. Prokopova, V. E. Tishchenko. *Ekonom. nefteob. prom.* no 12 15-18 '67.

People with searching ideas. I. A. Ladyzhinskii. *Nefteob. i razv.* 13 no 118-18 Ja '68.

Work of a drilling trust under the new conditions. P. A. Peresovskii, M. G. Khakimov. *Ekonom. nefteob. prom.* no 9 3-6 '67.

622. 2(471. 53)—Komi-Permyak National District

Mechanization of work in the mining industry in the Komi A. S. S. R. N. G. Nevskii. *Trudy Komi fil. AN SSSR* no 15 23-28 '67.

622. 2(471. 56)—Orenburg Province

Thus behave the courageous ones. A. G. Gerasimov. *Nefteob. i razv.* 13 no 113-14 Ja '68.

622. 2(471. 62)—Krasnodar Territory

Breaking up channel formations in wells drilled in the Kuban fields. V. S. Aleksandrov, E. P. Frolov. *Bureni.* no 12 6-7 '67.

Experience in running and cementing a 377-mm casing to the depth of 2906 m. N. N. Koshchev, A. K. Arakelian, G. A. Eremin. *Bureni.* no 12 23-27 '67.

Methods for preventing failures and troubles connected with the formation of channels. E. P. Frolov. *Bureni.* no 12 8-9 '67.

622. 2(471. 66)—Chechen-Ingush A. S. S. R.

Experience in sealing thief zones under complex drilling conditions. I. U. S. Boyzhev. *Bureni.* no 12 17-18 '67.

622. 2(477)—Ukrainian S. S. R.

At the Northern Mining and Ore Dressing Combine. N. M. Murav'ev, N. A. Petlin. *Gor. zhur.* 143 no 1 35-38 Ja '68.

Current leakage in mine traction networks, and ways of their reduction in the Kirovskii Region. V. I. Kobevnik, V. A. Bun'ko. *Gor. zhur.* 143 no 12 32-33 D '67.

Investigating performance conditions relative to the OMKT (mechanized stopping equipment) unit at the No 10 "Kurakhovka" Mine. G. S. Papis and others. *Ugol' Ukr.* 11 no 5 9-10 My '67.

Planning for drilling for oil and gas. M. I. Baranovskii. *Ekonom. nefteob. prom.* no 9 11-15 '67.

Safety of operations of the conveyor-bridge complex at the "Bukachivskii" Lagoda Open-Pit Mine. N. N. Kuvshin, I. P. Kovalenko. *Ugol' Ukr.* 11 no 5 34-35 My '67.

Selecting special methods of shaft sinking taking into consideration geologic and tectonic factors in the Lvov-Volyn' Basin. V. A. Koshchuk. *Ugol' Ukr.* 11 no 5 16-19 My '67.

622. 2(477. 6)—Donets Basin

Adopting the ZU-1 filling equipment at the Lenin Mine of the Leningrad Trust. V. A. Gaidary. *Ugol' Ukr.* 11 no 5 26-27 My '67.

Changes in outburst hazards of anthracite seams of the Torez geologic region with the increase of their mining depth. V. I. Tkach. *Ugol' Ukr.* 11 no 12 17-18 D '67.

622. 2(477. 8)—Western Ukraine

Development of the production of petroleum gases in the western provinces of the Ukraine. P. S. Tiupin. *Gaz. doh.* no 11 21-24 '67.

622. 2(478. 24)—Azerbaijan S. S. R.

Change in the character of the curves of distillation of condensate on various dates of development. A. S. Gadzhikashumov. *Izv. vys. ucheb. zav., nef. i gaz.* 10 no 9 59-60 '67.

Division of Miocene waters in the Binagadi-Chakmaglyan-Sulitpe group of fields. G. S. Aolov. *Nefteob. i razv.* no 1 7-10 '68.

Ineffectiveness of thermal acidulation in the Oil Field Administration named after 26 Baku communists. R. G. Tagiev, A. G. Pavlov, F. I. Umarov. *Azerb. nef. khoz.* 46 no 12 50-51 D '67.

Efficient incremental development of oil pools in the Sabunchi series of the Bibi-Eybat field. A. B. Igaev and others. *Izv. vys. ucheb. zav., nef. i gaz.* 10 no 9 55-58 '67.

Flushing slant holes. M. P. Gul'rade and others. *Azerb. nef. khoz.* 46 no 12 14-16 D '67.

Formation waters of pools being studied under conditions of exploitation and formation of water content in the displacement line. T. I. Mekhteva. *Dokl. AN Azerb. SSR* 23 no 4 32-37 '67.

Petroleum production in the sea. Kh. B. Ushufade. *Izv. vys. ucheb. zav., nef. i gaz.* 10 no 9 3-4 '67.

Relative efficiency of drilling methods in the Karabagly area. A. G. Askerov, N. N. Mamedov. *Ekonom. nefteob. prom.* no 9 15-18 '67.

622. 2(571)—Asiatic R. S. F. S. R.

Means for improving the use of capital assets in exploratory drilling under the conditions of Western Siberia. S. F. Belova. *Ekonom. nefteob. prom.* no 12 18-22 '67.

622. 2(571. 12)—Tyumen' Province

Determining the amount of capital investments in developing oil and gas fields in the northern part of Tyumen' Province. P. G. Purotov. *Ekonom. nefteob. prom.* no 9 27-31 '67.

Experience in the recovery and repeated use of surface casing in the Shalm drilling office of the "Glystyumen-neftegaz". V. I. Filippov, Z. Kh. Zaitalov. *Bureni.* no 12 15-17 '67.

622. 2(571. 51)—Krasnoyarsk Territory

At the "Mederzhinskii" Mine. I. U. A. Shilin. *Gor. zhur.* 143 no 139-42 Ja '68.

622. 2(571. 511)—Taymyr National District

Geological factors determining the gas potential of the Taimakh copper-nickel deposit. T. R. Danilov. *Izv. zap. NII GA Reg. geol.* no 10 177-184 '67.

622. 2(574)—Kazakh S. S. R.

Construction of temporary edifices and buildings in mine building in the Karaganda Basin. I. A. Zait. E. A. Kundiaca. *Shakht. stroit.* II no 1 23-25 Ap '67.

Decarbonization of seawater for the purpose of preparing it for injection into oil formations. I. Z. Makmurov, B. G. Nifomand. *Izv. vys. ucheb. zav., nef. i gaz.* 10 no 9 51-53 '67.

622. 2(575. 4)—Turkmen S. S. R.

It may be considered a model. V. Gerasimov. *Nefteob. i razv.* 13 no 126-28 Ja '68.

622. 2(73)—United States of America

Economic evaluation of off-shore prospecting and exploitation with oil and gas in the U. S. A. A. V. Kuno. *Ekonom. nefteob. prom.* no 12 34-37 '67.

622. 3 MINING OF SPECIFIC MINERALS, ORES, ROCKS, LIQUID AND GASEOUS MINERALS

Accuracy of electronic petroleum moisture meters. I. U. Kugman. *Izv. vys. ucheb. zav., nef. i gaz.* 8 no 12 99-102 '65.

AGZU-1 automated group measuring unit. I. U. V. Magnatov and others. *Mash. i nef. obozr.* no 12 22-25 '67.

Analysis of the performance of a pneumatic drying installation of a bentonite plant with use of electronic digital computers. I. A. S. Opman, F. B. Pheleis. *Torf. prom.* 44 no 8 20-22 '67.

Analyzing the carrying out of the plan according to the major indices of coal mines. K. A. Demina. *Ugol' Ukr.* 11 no 5 16-20 My '67.

Apparatus for controlling and regulating the depression (compression) of ventilation equipment. P. M. Potashnik. *Ugol' Ukr.* 12 no 12 38-39 D '67.

Apparatus for measuring the magnitude of the surface tension of oil on the boundary line with high-pressure gas. L. I. Shukov. *Nefteob. i razv.* no 1 26-30 '68.

B3232 pieces with continuous action suppressors. M. F. Purotov. *Torf. prom.* 44 no 8 18-19 '67.

Causes for rock heaving in a mine. A. M. Gaidin. *Izv. vys. ucheb. zav., geol. i razv.* 11 no 1 87-92 Ja '68.

Celebrating their anniversaries. *Nefteob. i razv.* 13 no 114 Ja '68.

Changes in the low-water discharge of the river water reservoirs of peat deposits. A. G. Galashko. I. A. Khusin. *Torf. prom.* 45 no 1 9-11 '68.

Coal mines of tomorrow need new technical solutions. I. T. Pionavkin, A. I. Nekhorashev. *Ugol' Ukr.* 12 no 12 7-8 D '67.

Commemorative banners for the best enterprises. *Torf. prom.* 44 no 8 2-4 '67.

Concentration and intensification are the main trends in mining operations. P. N. Faran. *Gor. zhur.* 143 no 12 5-8 D '67.

Congruence of the integral magnitude of heat losses in linear and radial cases of the coal injection. M. I. Antimov. *Izv. vys. ucheb. zav., nef. i gaz.* 8 no 9 71-75 '65.

Contact problems in the modeling of network problems of the percolation theory using electrically conductive paper. Kh. G. Barkinkhoyev and others. *Izv. vys. ucheb. zav., nef. i gaz.* 10 no 9 69-70 '67.

Determining the duration of oil displacement by water during water loss and flooded periods in case of unidimensional flow. L. B. But'ev. *Izv. vys. ucheb. zav., nef. i gaz.* 8 no 9 17-51 '65.

Development of oil fields when reservoir pressure is lower than saturation pressure. A. D. Aminov, D. G. Alamedov, G. P. Guseinov. *Azerb. nef. khoz.* 46 no 12 22-29 D '67.

Development of planning and research work in the peat industry of the RSFSR in 50 years. I. U. K. Vasil'ev. *Torf. prom.* 44 no 7 12-15 '67.

Development of the laws which protect the work of petroleum workers during the last 50 years. O. Kagarov. *Izv. AN Kazakh. SSR. Ser. obshchestv.* 5 no 6 15-20 N-D '67.

The Donets Regional Scientific and Technological Society of Mining. V. P. Shupka. *Ugol' Ukr.* 11 no 12 21 D '67.

Dressing of iron ores in the U. S. S. R. in the last 50 years. V. G. Dorkach, R. P. Shupka, I. S. Shilov. *Gor. zhur.* 143 no 11 38-40 N '67.

Dynamics of the formation of losses caused by a shower run-off on upper layers of peat deposits. I. U. V. Krasnov, V. S. Nomerovskii. *Torf. prom.* 44 no 8 12-14 '67.

Effect of rocks on the sealing factor for the determination of potassium content by the gamma-ray logging method. A. K. Sen'ko, G. T. Mashin. *Atom. energ.* 24 no 1 95-98 Ja '68.

Eighth All-Union conference on the hydrodynamic methods for studying reservoirs and wells. I. U. Balakirov. *Nefteob. i razv.* 13 no 110-12 Ja '68.

- Electrification in the coal industry during the past 50 years. A. A. Bogomolov. *Prilozhenie* 22 no. 11 9-10 N '67.
- Experimental lining of potash mine shafts with cement-leas concrete. I. I. Shapiro. *Shakht. stroit.* 11 no. 4 3-7 Ap '67.
- Fluid flow from interior cylindrical nozzles in imperfect compression caused by a baffle or oblique inlet end. Yu. A. Skolobayev, V. Kh. Mezhdov, Z. I. Goller. *Izv. vuzov ucheb. zav., nefte' i gaz* 10 no. 8 71-74 '67.
- Forty-fifth anniversary of the M. A. Azizbekov Azerbaijan Institute of Petroleum and Chemistry. I. Bogomolov. *Izv. vuzov ucheb. zav., nefte' i gaz* 10 no. 12 3-7 '65.
- Frequency of measuring the production rate of oil wells. V. A. Kuchernuk, G. I. Kizilov, R. LA. Ustev. *Nefteprom. delo* no. 1 31-33 '68.
- Full utilization of reserves in the production of shredded peat. I. A. Britov. *Torf. prom.* 44 no. 14-6 '68.
- Gas industry in the anniversary year. E. IA. Iudin. *Gaz. delo* no. 11 9-13 '67.
- In the All-Union Scientific Research Institute of the Gas Industry. T. Dichenkova. *Gaz. prom.* 12 no. 12 40-41 D '67.
- Industrial production of articles of cast crystalline mica materials. V. A. Artemov and others. *Izv. AN SSSR. Neorg. mat.* 3 no. 11 2126-2128 N '67.
- Industrial testings of bits with rotating cutters in open-pit coal mines. V. D. Butkin and others. *Ugol'* 42 no. 12 27-29 D '67.
- Inversion curve of hydrocarbon gases. A. B. Tsaturiants, A. R. Mamedov. *Azob. nefte' khoz.* 46 no. 12 32-34 D '67.
- Investigating gases and volatile matter of coals with mass-spectrometric methods. S. G. Aronov and others. *Khim. tver. topl.* no. 6:14-20 N-D '67.
- Investigating genetic types of basic and thermally treated coals of the Donets Basin by the method of oxidizing decomposition. R. G. El'fushenko. *Khim. tver. topl.* no. 6:31-39 N-D '67.
- Investigating the possibility of using plastics for the isolation of layers in oil and gas wells. A. D. Mustafayev, IU. B. Tagiev. *Izv. vuzov ucheb. zav., nefte' i gaz* 8 no. 9 41-45 '65.
- Investigating various types of lignites by physical methods. Z. S. Smutkina, S. A. Muslat, M. D. Kazakov. *Khim. tver. topl.* no. 6:21-30 N-D '67.
- Iron ore industry of the U. S. S. R. in the 50 years of Soviet government. I. P. Kazanets. *Goi. zhur.* 143 no. 11 3-8 N '67.
- Khroma world reserves of natural and casinghead gases. V. F. Pominov. *Gaz. prom.* 12 no. 12 41-44 D '67.
- Machine building for the peat industry in the Soviet Union in 50 years and its development prospects. N. I. Nosov, N. T. Shepelev. *Torf. prom.* 44 no. 7 45-48 '67.
- Making powered equipment for borehole drilling in carrying out development workings. N. A. Malevich. *Ugol'* 42 no. 12 29-32 D '67.
- Method for the production of thermal-insulation tiles produced from peat by hot compression. I. V. Karpenko. *Torf. prom.* 44 no. 6:23-25 '67.
- Methods of determining optimum rates of mining. A. I. Sokolov. *Ugol' Ukr.* 11 no. 12 39-40 D '67.
- New machines for the uprooting of stumps. B. M. Brek, E. N. Lempert, N. A. Safonov. *Torf. prom.* 44 no. 8, 14-17 '67.
- Nonstationary fluid flow in a porous medium under the two-term law of flow. L. M. Gadzhiev. *Azob. nefte' khoz.* 46 no. 12:29-31 D '67.
- Obligations for the anniversary are fulfilled. E. IA. Britov. *Torf. prom.* 44 no. 8:5 '67.
- Operation of the Kipotskiy Peat Briquetting Plant. V. A. Vavilo, V. M. Fomin. *Torf. prom.* 45 no. 116-18 '68.
- Ore supply center for nonferrous metallurgy in the last 50 years. P. I. Lomako. *Goi. zhur.* 143 no. 11 9-13 N '67.
- Ovchinnikov, V. A. [Recultivating a surface disrupted by mining without haulage, handbook for designing and operating open-pit mines]. *Vosstanovlenie poverkhnosti pri bestransportnykh sistemakh; posobie dlia proektirovaniia i ekspluatatsii kar'erov*. Tula, Priokskoe kn. izd., 1967. 70 p.
- Peat industry of the RSFSR. IU. A. Pankratov. *Torf. prom.* 41 no. 7:5-14 '67.
- Peat industry of the U. S. S. R. in 50 years. *Torf. prom.* 44 no. 7:2-4 '67.
- Petroleum production industry of the U. S. S. R. A. M. Zhdanov. *Nefteprom. delo* no. 1 3-6 '68.
- Planning continuous replacement of rail for peat industry transport. V. F. Aksentov. *Torf. prom.* 45 no. 122-23 '68.
- Polymer-cement plugging slurries for gas and oil wells. G. N. Khangil'din. *Gaz. prom.* 12 no. 12:10-13 D '67.
- Presenting of commemorative banners. *Torf. prom.* 44 no. 8 4-5 '67.
- Problems in improving the semibriquet production. F. S. Lipen'. *Torf. prom.* 45 no. 118-19 '68.
- Problems of introducing remote control in gas producing enterprises. IU. P. Korotkov, V. T. Sergoyants. *Gaz. delo* no. 11:28-32 '67.
- Processing signals of nuclear magnetic logging using electronic digital computers. V. I. Danovich, I. B. Dvoriankina, A. Kh. Iamaliyev. *Izv. vuzov ucheb. zav., nefte' i gaz* 8 no. 9:103-108 '65.

- Production and use of petroleum gases. A. L. Rabinina, L. V. Zhulina, N. K. Konstantinova. *Gaz. delo* no. 11 17-21 '67.
- Progress in the petroleum production industry during the 50 years of the Soviet rule. R. Sh. Mingatev. *Gaz. delo* no. 11 3-8 '67.
- Progressive coal mine. G. V. Biriukov, T. I. Iagupov, P. I. Shecherbil. *Ugol' Ukr.* 11 no. 12 18-19 D '67.
- Removal and drainage of water with high hydrostatic pressure. V. V. Passa. *Shakht. stroit.* 11 no. 4 25-26 Ap '67.
- Reserves of the drying installation of plants producing thermal insulation tiles from peat. N. A. Gulybin. *Torf. prom.* 45 no. 120-21 '68.
- Results of carrying out socialist pledges by the Ministry of the Petroleum Production Industry of the U. S. S. R. for the 10 months of 1967. V. E. Maimylov. *Pkon. nefte' khoz.* no. 12 7-8 '67.
- Results of the socialist competition of the personnel of enterprises and organizations under the R. S. F. S. R. jurisdiction for September and the 3d quarter of 1967. *Torf. prom.* 44 no. 8 27-28 '67.
- Revealing memorial banners of the Central Committee of the CPSU, of the Presidium of the Supreme Soviet, of the Council of Ministers of the U. S. S. R., and of the All-Union Central Committee of Trade Unions. *Ugol'* 42 no. 12 1-2 D '67.
- Rock pressure in flow-mined longwalls using powered and individual supports. E. I. Mikhaev. *Ugol'* 42 no. 12 22-24 D '67.
- Role of economic collaboration in the progressive change in the structure of fuel balance of the member countries of the Mutual Economic Assistance Council. V. A. Tretyakov. *Izv. vuzov ucheb. zav., nefte' i gaz* 10 no. 9 113-115 '67.
- Science and technological progress in the peat industry 50 years of Soviet rule. S. A. Tsuprov and others. *Torf. prom.* 44 no. 7:1-49 '67.
- Seminar on the effect of prophylactic liquids on the decrease of the coal tendency to spontaneous combustion. V. I. Murashov. *Ugol'* 42 no. 12 54 D '67.
- A simple method for determining the parameters of a fractured reservoir. K. M. Dontsov, V. M. Zaitsev. *Izv. vuzov ucheb. zav., nefte' i gaz* 8 no. 12 43-47 '65.
- Some results and the top priority tasks of the economic work of the petroleum production industry. F. B. Gal'. *Pkon. nefte' khoz.* no. 12 3-6 '67.
- Stability of a narrow-gauge railroad with ferroconcrete cross-ties. V. A. Laptev. *Torf. prom.* 44 no. 8 25-26 '67.
- Studying the error of contactless phase converters of the angle of turn for oil field information and measuring systems. G. Z. Vodovozov. *Izv. vuzov ucheb. zav., nefte' i gaz* 10 no. 9 80-82 '67.
- Temperature dependence of the electric conductivity of glowing coal. M. P. Tonkonogov, V. A. Veksel'. *Izv. vuzov ucheb. zav., nefte' i gaz* 10 no. 11 143-145 '67.
- Toward new expansion of the coal industry. N. M. Khudosevisev. *Ugol' Ukr.* 11 no. 12:1-5 D '67.
- Trends in the theory of development and exploitation of gas and gas condensate fields. F. A. Trebin, A. I. Gritsenko, V. N. Petrov. *Gaz. delo* no. 11 14-17 '67.
- Using compressed-air ejector pumps for the ventilation of machine niches. S. P. Popovich and others. *Shakht. stroit.* 11 no. 4 28 Ap '67.
- Using semiconductor diodes for spark quenching in the relay equipment of coal mine automatic apparatus. A. IU. Gorodetskiy, E. G. Kogan. *Ugol' Ukr.* 11 no. 12 29-31 D '67.
- Victorious collective. *Nefte' khoz.* 46 no. 12 1-2 Ja '68.
- Ways to reduce stresses in a raised pipeline during its cleaning. V. L. Belezin and others. *Izv. vuzov ucheb. zav., nefte' i gaz* 8 no. 9:89-92 '65.
- Well spacing in a gas-bearing area. S. S. Gatsulaev, V. F. Kanashuk. *Gaz. prom.* 12 no. 12 6-10 D '67.
- Work of the Gusevskiy personnel collective during the 1967 season. A. I. Bodrov. *Torf. prom.* 45 no. 14 '68.

622. 3(234)—Mountains of Europe

- Content of hydrogen in free flows of gases in the Khibiny. A. I. Kravtsov and others. *Dokl. AN SSSR* 177 no. 5 1190-1192 D '67.

622. 3(470)—European U. S. S. R.

- Friendship between coal miners of the Donets Basin and the Moscow Basin. I. I. Vasil'ev. *Ugol' Ukr.* 11 no. 12 19-20 D '67.

622. 3(471. 13)—Komi A. S. S. R.

- Development of the gas industry in the Komi A. S. S. R. P. Lomako. *Gaz. prom.* 12 no. 12 38-39 D '67.

622. 3(471. 311)—Moscow Province

- Developing the mining of peat in the enterprises of the Shatura Trust in 50 years. M. P. Kutiako, I. A. Lashnev. *Torf. prom.* 44 no. 8:9-11 '67.
- Shatura State District Electric Power Plant No. 5 named after V. I. Ulianov-Lenin as first enterprise of the State Commission on the Electrification of Russian plan using peat as fuel. S. P. Maksimov. *Torf. prom.* 44 no. 8:8-8 '67.

622. 3(471. 341)—Corkly Province

- Plan for the reconstruction of the equipment station for locomotives. IU. I. Timofeeva. *Torf. prom.* 44 no. 8: 29 '67.

622. 3(471. 5)—Ural regions

- Mechanism of formation of salt core benches. G. Zh. Itayev. *Izv. vuzov ucheb. zav., nefte' i gaz* 8 no. 9:13-15 '65.

622. 3(471. 52)—Bashkir A. S. S. R.

- Establishing norms for working capital in an oil field administration. R. M. Battalov, E. M. Stezel'. *Pkon. nefte' khoz.* no. 12 27-31 '67.

622. 3(471. 54)—Sverdlovsk Province

- The city is called Asbest. V. Kirsanova. *Sov. profsoyuz* 24 no. 19-11 Ja '68.
- The Severouralsk Baulde Mine. S. D. Trepachev. *Goi. zhur.* 143 no. 11 66-71 N '67.

622. 3(471. 55)—Chelyabinsk Province

- Rise of the cultural and technical level of working people, and labor productivity, experience of the No. 41 Mine of the Kopeiskugol' Trust. N. A. Starodumov, M. V. Kairtnikov. *Ugol'* 42 no. 12 12-19 D '67.

622. 3(471. 62)—Krasnodar Territory

- Master welder. V. Anpilov. *Nefte' khoz.* 46 no. 14:5 Ja '68.
- Status and prospects for the development of the gas industry in Krasnodar Territory. N. S. Ratushnikov, V. A. Tsarev. *Gaz. delo* no. 11 26-28 '67.

622. 3(474)—Baltic Republics

- Council for the coordination of the peat industry of the Baltic Republics. A. G. Gintuk. *Torf. prom.* 44 no. 8 28 '67.

622. 3(474. 2)—Estonian S. S. R.

- Peat industry of the Estonian SSR. T. Paalberg. *Torf. prom.* 44 no. 7:30-34 '67.

622. 3(474. 3)—Latvian S. S. R.

- Peat industry of the Latvian SSR. *Torf. prom.* 44 no. 7: 25-30 '67.

622. 3(474. 5)—Lithuanian S. S. R.

- Peat industry of the Lithuanian SSR. L. Paipaluskas. *Torf. prom.* 44 no. 7 21-25 '67.

622. 3(476)—White Russian S. S. R.

- Contribution of White Russian scientists to the study of peat on the 50th anniversary of the October Revolution. V. E. Rakovskiy and others. *Torf. prom.* 44 no. 7 40-42 '67.
- Peat industry of the White Russian SSR. I. I. Druzhelovskiy. *Torf. prom.* 44 no. 7 14-19 '67.

622. 3(477)—Ukrainian S. S. R.

- The Dzerzhinskii Mine. A. E. Zheitel'skiy, N. V. Gritsenko, A. A. Portnov. *Goi. zhur.* 143 no. 11 51-58 N '67.

- Efficiency of machinery used by the miners of the Krivoy Rog Basin. M. Orel. *Ekon. Rad. Ukr.* 10 no. 7 51-54 11 '67.

- The First of May in the anniversary year. *Ugol' Ukr.* 11 no. 5 1-2 My '67.

- Indices of the progressiveness of norms for the expenditure of materials in the coal industry. K. Revva. *Mat. tekh. snabzh.* 2 no. 6 34-39 Je '67.

- The Krivoy Rog Southern Mining and Ore Dressing Combine. I. I. Savitskiy and others. *Goi. zhur.* 143 no. 11 41-44 N '67.

- Peat industry of the Ukrainian SSR. N. N. Boroda. *Torf. prom.* 44 no. 7:10-21 '67.

- Present state and future development of the Institute of Geology and Geochemistry of Mineral Oils of the Academy of Sciences of the Ukrainian S. S. R. *Dop. AN URSR. Ser. B* 29 no. 12:1124-1125 D '67.

- Shoulder to shoulder with coal miners. A. I. Bashkov and others. *Ugol' Ukr.* 11 no. 12:9-18 D '67.

- Variants of the reorganization of the Volkov No. 1/2 Mine and the Sverdlov No. 14 Mine. G. G. Drogaal' and others. *Ugol' Ukr.* 11 no. 12:41-43 D '67.

- Ways of increasing the efficiency of open-pit mining operations in the Nikopol Manganese Basin, open for discussion. M. A. Al'fshuler and others. *Goi. zhur.* 143 no. 1:18-23 Ja '68.

622. 3(477. 6)—Donets Basin

- Abandonment of the rock in coal mines of the western Donets Basin. P. I. Marosin and others. *Ugol'* 42 no. 12:19-21 D '67.

- Experience in introducing the intramining business accounting in enterprises of the Gukovugol' Trust. M. I. Ferdman. *Ugol'* 42 no. 12 9-11 D '67.

- Industrial investigations on the intensification of de-watering processes at the "Cherkasskaya-Severnaia" No. 1 Coal Preparation Plant. L. F. Dolina and others. *Ugol'* 42 no. 12 43-46 D '67.

- Interaction between the degree of stoping intensity and the concentration of mining operations in the Donets Basin coal mines. IU. K. Batmanov, S. I. Miroshnikov, S. A. Saratikants. *Ugol'* 42 no. 12:14-19 D '67.
- Once again on the problem of coal losses in the Donets Basin. V. A. Vasilashchev. *Ugol' Ukr.* 11 no. 5 51 My '67.

- Redesigning the underground 900 x 700 coke chutes
Z. F. Butner Metallurg 12 no 5 19-11 My '67
- Selecting the sound ranging method for the control of
ball mill loading. A. S. Davidovich, N. A. Tkachenko,
I. V. Pronenko, Obog. rud 12 no 3, 40-41 '67.
- Separation of potassium and sodium feldspars by flotation.
N. A. Izhits, I. N. Arhangelskaya, R. I. Gorelik,
Obog. rud 12 no 3, 18-13 '67.
- Sintering of lead-zinc concentrates. S. A. Rakhlin and
others, Obog. rud 12 no 3, 28-31 '67.
- Stage optimization of the scheduling at ore dressing plants.
G. K. Kotoz and others, Gor. zhur 113 no 115-17
Ja '68
- Studying the depressing action of liquid glass and sodium
pyrophosphate on silimanite, quartz, and feldspar.
N. I. Nikol'skaya, I. K. Stecher, Trud. IPI no 27 131-
140 '66
- Testing high performance separators for the wet separation
of strongly magnetic ores. V. A. Binkovich, A. A.
Artemova, Obog. rud 12 no 3, 37-39 '67.
- Using chromatographic methods for the analysis of
flotation reagents. L. A. Buzanov, Sh. Sh. Gubaidulin,
I. M. Stankevich, Koks. khim. no 112-18 '68
- Using pellets in blast furnace practices. A. M. Chernov-
shev Metallurg 12 no 5 11-14 My '67
- Washing crushed stone and gravel in troughs. B. V.
Oshunin Stroim. 13 no 9 6-9 S '67
- X-ray spectroscopy to determine the tin content in
products of ore dressing. I. U. T. Donets, Obog. rud 12
no 3, 51-55 '67.
- 622.7(471.21)—Murmansk Province**
Selecting the optimum degree of beneficiation regarding
iron ores of Kola Peninsula. A. S. Imkhal'tseva, Gor.
zhur. 143 no 1, 62-65 Ja '68
- 622.7(471.54)—Sverdlovsk Province**
The Kachkanar Mining and Ore Dressing Combine
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- Selecting a method for calculating production costs in the
Sredne-Ural'sk Ore Dressing Plant. A. P. Byalokova,
K. V. Gavrilova, Trudy Ural. politekh. inst. no 161 85-
99 '67
- 622.7(477)—Ukrainian S. S. R.**
Analyzing filtration systems in the Krivoy Rog mining
and ore dressing combine. V. S. Khramov, P. N.
Dukhenko, Gor. zhur. 143 no 1 66-68 Ja '68
- Industrial testings of two-cone hydro-cyclones at the
Central Mining and Ore Dressing Combine. G. M.
Dolgallo and others, Gor. zhur. 143 no 1 50-51
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- 622.7(477.8)—Western Ukraine**
Introducing a pistonless OMP-1 jiggling machine at the
Kamyshburun Ore Dressing Plant. A. I. Poyarov and
others, Obog. rud 12 no 3, 45-49 '67.
- 622.7(479.25)—Armenian S. S. R.**
Improving the use of the capital assets in the Kadrharan
Ore Dressing Plant. R. L. Agababian, Trudy Ural.
politekh. inst. no 161 39-43 '67
- 622.7(497.2)—Bulgaria**
Starting the iron ore magnetizing roasting section at the
Kremikovsk. N. Ia. Kulshreshko, A. O.
Ladyshevnikov, Obog. rud 12 no 3, 50-53 '67.
- 622.7(571.03)—Maritime Territory**
The Khrustal'nyy Mining and Ore Dressing Combine
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- 622.7(574)—Kazakh S. S. R.**
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Dressing Plant. V. V. Puzankov and others, Izv. vyz.
ucheb. zav. Chern. met. 10 no 12 35-36 '67
- The Sokolovka and Sarbay Mining and Ore Dressing
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45-49 N '67
- 622.8 SAFETY AND HEALTH PROTECTION IN
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Analyzing diagrams for longwall mining of flat seams with
powered supports. E. I. U. Zaitsevskiy and others,
Ugol' Ukr. 11 no 12 27-29 D '67.
- Apparatus for controlling and regulating the depression
(compression) of ventilation equipment. P. M.
Polishchuk, Ugol' 42 no 12 38-39 D '67
- B8232 press with continuous action subpresses. M. E.
Firsov, Torf. prom. 44 no 8 18-19 '67.
- Borychev, N. I.** [Handbook for the public inspector of
safety measures in the coal industry]. Posobie dlia
obshchestvennogo inspektora po okhrane truda v ugol'noi
promyshlennosti. Izd. 2-e, perer. i dop. Moskva,
"Nedra," 1966 119 p
- Calculating parameters of screw bolt supports in vertical
workings. A. D. Pashkov, V. F. Roglitskiy, Gor. zhur.
143 no 12 24-27 D '67.
- Changes in outburst hazards of anthracite seams of the
Toroz geologic region with the increase of their mining
depth. V. I. A. Tkach, Ugol' Ukr. 11 no 12 47-48 D '67.
- Changes in physico-mechanical properties of rocks at
great depths, and their effect on the mining and lining
of workings. N. G. Tupak, Gor. zhur. 143 no 1 32-
35 Ja '68
- Concerning the sagging of rock over mined areas. I. V.
Zharitskiy, Vest. TSNIIPIS 26 no 5 12 35 '67
- Deformation of pillars during the chamber-pillar system
or mining. B. A. Vol'khin and others, Gor. zhur. 143
no 12 55-58 D '67.
- [Dust control in open-pit mining] Bor'ba s pyl'yu na
otkrytykh gornykh rabotakh. Moskva, 1967 94 p
- Economic estimate of methods for the control of sub-
sidence of coal and gas. V. I. Tkach, Ugol' Ukr.
11 no 5 37-39 My '67
- Economically efficient degree of light in coal mine
haulage drifts. N. B. Machugovskiy, Ugol' Ukr. 11
no 5 35 36 My '67
- Flow sheet for the continuous analysis of factors causing
industrial trumalism. F. V. Isturham, Ugol' Ukr.
11 no 5 40 My '67
- Industrial testings of D-584 single-bucket loaders. K. A.
Tubetskoy, E. R. Lrono, Gor. zhur. 143 no 12 45-46
D '67.
- Investigating the dust formation and dispersal composition
of slime during boring with manual perforators. V. P.
Lukov and others, Gor. zhur. 143 no 1 69-70 Ja '68
- Let us incessantly improve working conditions of coal
miners. I. P. Komin, Ugol' Ukr. 11 no 5 3-7 My '67
- New regulations on lay inspectors for labor safety of
coal miners. N. I. Boiychev, Ugol' Ukr. 11 no 12 55
D '67
- Outburst hazards in coal seams and colloidal structure
of coal. L. L. Litvinov, L. E. Stetsenberga, Khim. i vet.
topl. no 6 3-13 N-D '67.
- Rock physics and processes, and main trends of their
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- Rock pressure in glow-mined longwalls using powered
and individual supports. C. I. Mikhilov, Ugol' 42
no 12 22-24 D '67
- Red lighting of development workings in unstable rocks.
D. V. Pogomskiy, Shkhit. stroi. 11 no 1 7-9 Ap '67
- Scientific Research Institute of Metallurgical Ventilation
(NIIMetallurgventilatsiya) V. S. Vashchenko, Gor.
zhur. 143 no 1 19 Ja '68
- Seminar on the effect of prophylactic liquids on the
decrease of the coal tendency to spontaneous combustion.
V. I. Murashev, Ugol' 42 no 12 51 D '67
- Strength of powered supports and the effect of industrial
processes on the occurrence of rock pressure. A. I.
Oslov, S. G. Buranov, Ugol' Ukr. 11 no 12 22-27
D '67.
- Using fire-resistant conveyor belts. L. I. Lippel' and
others, Ugol' 42 no 12 32-34 D '67
- Water injection into a coal mass through long small-
diameter boreholes. V. N. Andriushchenko and others,
Ugol' 42 no 12 35-38 D '67
- 622.8(477)—Ukrainian S. S. R.**
Wetting of the coal mass through deep boreholes under
conditions of the Lvov-Volyn' Basin. N. M. Iavnenko
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- 623.4 ORDNANCE. GUNS. SERVICE VEHICLES.
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- Maintenance of small arms. P. Tsybko, Tekh. i vooruzh.
25 no 5 59-62 My '66
- Petrus', P. M., P. V. Shemanskiy, and N. K. Chul'skiy.**
[Atomic weapons and the development of tactics] Iader-
noe oruzhie i razvitiye taktiki. Moskva, Voenizdat,
1967 238 p
- to the S. I. Mosin rifle. E. A. Vatsaturian, Tekh. i
vooruzh. 25 no 8 34-35 Ag '66
- Training apparatus for drivers. K. Zimin, Tekh. i
vooruzh. no 8 44-47 Ag '65
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- 623.4(498)—Romania**
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- 623.451(433)—Federal Republic of Germany**
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- 623.77 CAMOUFLAGE, BLACKOUT, ETC.**
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- 624 CIVIL AND STRUCTURAL ENGINEERING**
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stroit. i arkhit. 10 no 9 28-46 '67.
- Analysis of some methods for calculating flat overtop.
V. G. Korneev, Izv. VNIIG 81 170-176 '66.
- Calculating welded pipeline crossings. P. P. Boudav-
kin, O. B. Shadrin, Izv. vyz. ucheb. zav. stroit. i arkhit.
8 no 9 83-86 '65
- Calculation for strength and crack resistance of inclined
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stroit. i arkhit. 10 no 9 6-11 '67
- Calculation of flat rectangular construction elements
under the action of concentrated forces. L. P. Tsap-
nikov, Izv. VNIIG 81 190-206 '66
- [Calculation of flat rod systems; program SM-4MI]
Raschet ploskikh stержnevyykh sistem, programmi
SM-4MI. Moskva, 1968 188 p. (Biblioteka programmi
dlya EVM. I. Inzhenerno-tehnicheskii razdel, no 48)
- Deflection of a beam resting on an elastic foundation with
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stroit. i arkhit. 10 no 9 41-47 '67
- Deformation of concrete-rock joints under vertical load
and momentless application of an inclined shearing force
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- Deformation of pillars during the chamber-pillar system
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- Deformations of lightweight concretes made from natural
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- Economical efficiency in the calculation of the elasticity
of continuous steel crane supports. A. Z. Khichin,
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- Effect of concrete creep and shrinkage on the stressed
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- Experience gained in using precast and monolithic
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- Experimental investigation of the carrying capacity of
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- Experimental investigation of the length of the anchoring
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Piradov, Nauch. soor. AISM no 8 81-86 '66
- Free vibrations of flexible reinforced concrete rods with
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- Gas and temperature conditions and gas liberation
in firing keramzit. P. P. Budnikova and others, Stroi-
mat. 13 no 9 22-25 S '67.
- Investigating the bond strength of A-I and A-III reinforce-
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pumice. L. S. Shkarin, Nauch. soor. AISM no 8 97-
100 '66.
- Investigating the deformations of elements in bending
made from high strength lightweight concretes rein-
forced with high strength rods. S. G. Ionislian, Nauch.
soor. AISM no 8 60-81 '66.
- Investigation of the static and fatigue strength of wire-
reinforced beams made from lightweight concrete with
natural aggregates. G. M. Kanetslian, Nauch. soor.
AISM no 8 39-49 '66.
- Method for establishing the danger level due to loss of
stability by single-deck frame domes. M. I. A. Borodan-
skiy, Prikl. mekh. 3 no 11 81-88 N '67
- Organization of planning with the use of network graphs.
G. Kleviskiy, V. Simonian, Na stroit. Ros. 8 no 10
2-4 O '67.
- Precision work in the manufacture of three-dimensional
reinforcement frames. A. Gurskiy, Na stroit. Ros.
8 no 10 31 O '67.

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- Structure deterioration of the building structures of the crossing plants V I Soldak Ugol' Ukr. 11 no. 5 '67
- Deformation of statically determinate iron and steel reinforced concrete structures I Z. Aktuganov Trudy NIIZHT no. 58 20-26 '66
- Aspects for the development of the construction industry S A. Zinblov, Stroi i Stroimater. 12 no. 10 41-47 '67
- Working cross sections for prestressed steel beams, A. M. Petrov, Izv. vuz. ucheb. zav., stroi i arkh. 12 no. 5 6-6 '67
- Some problems in the theory of plates on elastic foundations V. H. Grishin, Izv. vuz. ucheb. zav., stroi i arkh. 10 no. 9 52-60 '67
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- Losses in girth joints of multilayer equipment from pressure P. G. Pimshin, F R Khismatulin Avtom. svyaz. 20 no. 5 35-40 My '67
- Structural analysis is the first step in planning A. S. Ratov, Na stroi. Ros. 8 no. 10 9-11 O '67
- Study of the joint action of flange and web in wide-flange T-section elements G I. Bordinovskii, M. G. Bordinovskaya, V G. Kramin' Bet i zhel.-bet. 13 no. 8 27-29 '67
- Study of stress redistribution in reinforced concrete structures with underdetermined flexural elements B G. Mikhalev, Bet i zhel.-bet. 13 no. 8 30-33 '67
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- Calculations of a spherical shell G. S. Shakhramanov, Izv. vuz. ucheb. zav., stroi i arkh. 10 no. 9 22-27 '67

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- Thin cylindrical shells in industrial construction in the Ukrainian S. S. R. V. Sh. Kozlov and others Bet i zhel.-bet. 13 no. 8 8-11 '67

624.1 EARTHWORK, FOUNDATIONS, SUBSTRUCTURES, TUNNELING

- Advancements in soil mechanics in the Soviet Union, V. G. Berezhantsov and others, Osn., fund. i mekh. grun. 9 no. 5 5-7 '67
- Approximation method of determining tangential stresses in T- and double T- profile units with variable wall height G. M. Vlasov Trudy NIIZHT no. 59 51-55 '66
- Calculation of lining for escalator tunnels, P. V. Stepanov, Stroi. trud. NIIZHT no. 252 35-41 '66
- Calculations for the construction of deep level subway stations without the side loading platforms, B. Z. Amusov, Stroi. trud. NIIZHT no. 252 71-77 '66
- Certain considerations on methods of treatment of water tunnels, V. A. Podchekaev, Stroi. trud. NIIZHT no. 252 52-57 '66
- Changes in physicochemical properties of Luga Moraine in Leningrad region, A. A. Kagan Trudy Lendkhropkha no. 4 80-85 '66
- Deep supports at Soviet construction sites, E. P. Khalilov, L. I. Rogachovskii, Osn., fund. i mekh. grun. 9 no. 5 13-20 '67
- Dependence of equivalent soil resistance on soil structure and parameters of the grounding device I. A. Shevchuk Vest TSNIIMPS 26 no. 5 53-57 '67
- Determination of skeleton volume weight of sand gravel soils, A. A. Kagan Trudy Lendkhropkha no. 4 80-83 '66
- Development of soil science in the Soviet Union, G. V. Serezhkina, Osn., fund. i mekh. grun. 9 no. 5 11-13 '67
- Efficient methods of foundation engineering on permafrost M. V. Kim, Osn., fund. i mekh. grun. 9 no. 5 29-32 '67
- [Engineering geology and building materials] Inzhenernaya geologiya i stroitel'nye materialy; sbornik statei. Mkhachkala, Dagestanskoe kn. izd., 1966. 60 p.
- Erection of filtering embankments when constructing feeder spur tracks, G. V. Koloskov, Gor. zhur. 143 no. 1 71 Ja '68
- Estimation of seismic safety during blasting operations, S. V. Medvedev, Osn., fund. i mekh. grun. 9 no. 5 24-25 '67
- First International Congress on Rock Mechanics, N. A. Tsyvovich, S. B. Ukhov, A. Kh. Slavovosov, Osn., fund. i mekh. grun. 9 no. 5 38-39 '67
- For driving wooden piles, I. N. Gerasimov, Tyi i snab. Sov. Voor. Sil 26 no. 8 80 '66
- Foundation engineering during the years of Soviet rule, N. M. Sokolov, M. G. Efremov, S. A. Rivkin, Osn., fund. i mekh. grun. 9 no. 5 2-4 '67
- Methods of determining the liquid limit of cohesive soils, V. F. Razorenov, Osn., fund. i mekh. grun. 9 no. 5 25-29 '67
- New technology of high-speed driving of large tunnels in loose soils, V. P. Samoilov and others, Osn., fund. i mekh. grun. 9 no. 5 32-35 '67
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- Problems in foundation engineering on permafrost, S. S. Vlatov, Osn., fund. i mekh. grun. 9 no. 5 17-18 '67

- Problems of construction at undermined sites, A. I. Ushin, Osn., fund. i mekh. grun. 9 no. 5 20-23 '67
- Problems of the theory of cutting soil with a skew wedge, L. V. Krasulnikov, Izv. vuz. ucheb. zav., stroi i arkh. 10 no. 9 168-167 '67
- Regaining states charts pertaining to supporting structures in tunnel construction, I. U. A. Limanov, Stroi. trud. NIIZHT no. 252 7-10 '66
- Research in the problems of the stability of frontal slopes of deep portal excavations S. A. Kompanets Trudy NIIZHT no. 59 114-117 '66
- A rocket working underground A. Zubits, NTO 9 no. 12 29 D '67
- Safety of operations of the conveyor-bridge complex at the "Balaklavskii" Lignite Open-Pit Mine N. N. Kuvaev, E. F. Kovalenko Ugol' Ukr. 11 no. 5 33-35 My '67
- Simulating tunnel construction processes in soft rocks by the equivalent materials method, V. I. Larionov, Stroi. trud. NIIZHT no. 252 58-63 '66
- Some peculiarities of Cambrian clays as a location for constructing tunnels, L. P. Tatarintseva, Stroi. trud. NIIZHT no. 252 78-80 '66
- Stabilizing ground with concrete, V. Shurygin, Tyi i snab. Sov. Voor. Sil 26 no. 10 79-80 O '65
- Study of processes of shield tunneling for a sewage conduit in water saturated sands by means of imbedding and flushing, V. V. Putiatin, Stroi. trud. NIIZHT no. 252 21-24 '66
- Study of the resistance of pipelines to the spraying on of concrete in underground construction, D. M. Golitsynskii, Stroi. trud. NIIZHT no. 252 81-88 '66
- Taking into account the basic properties of incohesive soil in modeling the local seismicity, I. Zh. Zhulayev, A. S. Sarskoev, Vest. AN Kazakh SSR 23 no. 10 51-56 O '67
- Tectonic jointing of volcanic rocks composing foundations of concrete dams, D. P. Prochukhan Trudy Lendkhropkha no. 4 3-26 '66
- Trends in the development of soil dynamics, D. D. Barkan, Osn., fund. i mekh. grun. 9 no. 5 7-10 '67
- Underwater tunnel as one of the solutions for crossing a water obstacle A. A. Bogorodetskii, Stroi. trud. NIIZHT no. 252 11-23 '66
- A unique school in the country, A. Z. Markov Sred. spets. obr. 11 no. 8 50-52 '67

624.1(471.232)—Leningrad City

- Pertaining to the forthcoming construction of a transportation crossing across the sea channel in Leningrad, A. A. Bogorodetskii, Stroi. trud. NIIZHT no. 252 89-98 '66

624.1(474.3)—Latvian S. S. R.

- Using jointed reinforced concrete piles for construction on soft soils in Riga, A. D. Krasnikov and others, Osn., fund. i mekh. grun. 9 no. 5 36-38 '67

624.1(477.6)—Western Ukraine

- Talus and loess rocks of the Volyn'-Podolia Plateau and their characteristics from the viewpoint of engineering geology A. B. Bogutskii Izv. vuz. ucheb. zav., geol. i razv. 11 no. 1 81-86 Ja '68

624.1(52)—Japan

- Building ferroconcrete safety walls in the ground, I. A. Ganchev, Shkhit. stroi. 11 no. 1 26-27 Ap '67

624.1(571)—Austrian R. S. F. S. R.

- Calculation method for determining the extent preliminary stresses of soils, I. U. A. Limanov, V. B. Prokopenko, Stroi. trud. NIIZHT no. 252 12-51 '66

624.1(571.51)—Krasnoyarsk Territory

- Pile foundations on the sloping supporting layer of ground, I. U. Afrikanov, Na stroi. Ros. 8 no. 10 8 O '67

624.2 SUPERSTRUCTURES, BRIDGES

- Analysis of characteristics of vibropressed concrete poured during winter weather conditions A. A. Ananenkov Trudy NIIZHT no. 59 67-69 '66
- Approximate static design of combined lattice trusses for bridges V. P. Ustinov Trudy NIIZHT no. 59 166-168 '66
- Calculating lower chords of reinforced-concrete lattice trusses for bridges V. P. Ustinov, I. U. P. Spodarev Trudy NIIZHT no. 59 143-148 '66
- Calculations of statically underdetermined iron and steel reinforced-concrete structures taking into account concrete creep and shrinkage I. Z. Aktuganov Trudy NIIZHT no. 59 174-185 '66
- Certain problems of the location of bridge crossings as determined by the direction of the roadway G. S. Anoskin Trudy NIIZHT no. 59 37-45 '66
- Certain specifics and results obtained after testing railroad crossing structures along the Bratsk Hydroelectric Power Station B. V. Fyrynov, I. U. P. Butrimovich Trudy NIIZHT no. 59 149-157 '66
- Construction of temporary edifices and buildings in mine building in the Karaganda Basin, L. I. Kats, E. K. Kurdiyeva, Shkhit. stroi. 11 no. 4 23-25 Ap '67
- Determining flexural moments and transverse forces in bridge span arches, V. B. Geronimus, K. K. Iakobson Trudy NIIZHT no. 59 80-85 '66

- Evaluating characteristics of car traffic flow with regard to load volume regime on bridges K. B. Bobylev Trudy NIIZHT no. 59 46-50 '66

- From experience gained in determining stresses in the reinforcement of iron reinforced-concrete structures during prolonged processes by means of wire tensionmeters G. M. Vlasov, G. B. Goldin Trudy NIIZHT no. 59 56-59 '66

- Reinforced-concrete span structures with through truss span 40.8, 52.2 and 61.2 meters long V. P. Ustinov, B. A. Ryabov Trudy NIIZHT no. 59 158-165 '66

- Some results of measuring the creep of reinforced concrete in mesh span construction units G. B. Goldin, I. U. P. Spodarev Trudy NIIZHT no. 59 60-66 '66

- Some specifics found during research and planning of small bridges and conduits for thinly ice-covered streams D. M. Markulov, V. V. Nichevassov Trudy NIIZHT no. 59 166-173 '66

- Some technical and economic data concerning the selection of small bridges and conduits for thinly ice-covered streams D. M. Markulov Trudy NIIZHT no. 59 166-165 '66

- Technical and economic characteristics of prestressed span structures for a railway K. K. Iakobson, F. P. Paikin Trudy NIIZHT no. 59 127-131 '66

- Strength, rigidity, and crack resistance of a prestressed reinforced aggregate concrete bridge span girder 22.16 meters long, I. A. I. Dvovd G. P. Pastushkov, A. T. Lobanov, Bet i zhel.-bet. 13 no. 8 39-41 '67

- Stresses in T-girder webs with an elevation changing according to the linear law I. U. V. Solov'ev, V. B. Geronimus Trudy NIIZHT no. 59 166-173 '66

- Studies on optimal systems A. I. Vinogradov, O. P. Doroshenko Prikl. mekh. 3 no. 12 1-9 D '67

- Study of the performance of supporting sections of suspended span structures V. V. Nichevassov Trudy NIIZHT no. 59 118-126 '66

- Test of a diaphragmless span A. B. Ivchenko Trudy NIIZHT no. 59 80-89 '66

625 RAILWAY AND HIGHWAY ENGINEERING

- Electric ballast upkeep, D. P. Belov, A. S. Isaeva, E. F. Kireev, Put'i put. khoz. 11 no. 6 42-44 '67
- The Khabarovsk Technical School of Railway Transportation N. G. Golitsin Sred. spets. obr. 11 no. 12 45-17 D '67

- Plan for the reconstruction of the equipment station for locomotives, I. U. I. Timofeeva, Toif. prom. 44 no. 8 29 '67

- Railroad troops are constructing, G. Zaranin, Tyi i snab. Sov. Voor. Sil 25 no. 8 66-69 Ag '65

- Stability of a narrow-gauge railroad with ferroconcrete cross-ties, V. A. Laptev, Toif. prom. 44 no. 8 25-26 '67

625.1 RAILWAY ENGINEERING EQUIPMENT AND TRACK

- Analogous computer analysis of the effect caused by changing the number of curves in the plant on railroads on motion on the track N. G. Chibrikova Vest TSNIIMPS 26 no. 5 29-32 '67

- Analysis of hard-faced frogs made of high manganese content steel and ways of perfecting hard-facing techniques V. I. Klementov, L. G. Goultro, Trudy TSNIIMPS no. 339 56-61 '67

- Approximation method of determining tangential stresses in T- and double T- profile units with variable wall height G. M. Vlasov Trudy NIIZHT no. 59 51-55 '66

- The boundary is taken, V. Bakuro, Tyi i snab. Sov. Voor. Sil 25 no. 8 59-61 Ag '65

- Certain causes of the occurrence of defects during resistance welding of rails, N. G. Agafonov and others, Avtom. svyaz. 20 no. 5 25-28 My '67

- Chemical eradication of grass, V. V. Panekin, Put'i put. khoz. 11 no. 6 46 '67

- Concerning conditions of stress and deformation of rails caused by temperature changes S. P. Pershin Vest TSNIIMPS 26 no. 5 25-28 '67

- Concerning the calculation of periodicity of track rail inspection with the aid of defectoscopes F. I. Uspenskii Vest TSNIIMPS 26 no. 5 35-36 '67

- Concerning the sagging of track over mined areas, I. V. Zhelobov, Vest TSNIIMPS 26 no. 5 32-35 '67

- Contributions of railroad troops, V. Bakarev, Tyi i snab. Sov. Voor. Sil 26 no. 8 60-75 Ag '66

- Control and accounting, B. Zhukovskii, Tyi i snab. Sov. Voor. Sil 26 no. 9 73 S '66

- Creative search, I. U. D. Pavlov, Put'i put. khoz. 11 no. 6 20 '67

- Current problems, A. Rozhagov, R. Galebnyi, Tyi i snab. Sov. Voor. Sil 26 no. 9 73-74 S '66

- Determination of conditions of stress and deformation of long rails caused by temperature, G. M. Shakhmurov Vest TSNIIMPS 26 no. 5 22-25 '67

- Development of the tie-impregnation industry, I. G. Shkhalov, Put'i put. khoz. 11 no. 6 33-35 '67

- Electric ballast upkeep, D. P. Belov, A. S. Isaeva, E. F. Kireev, Put'i put. khoz. 11 no. 6 42-44 '67

- Erection of filtering embankments when constructing feeder spur tracks, G. V. Koloskov, Gor. zhur. 143 no. 1 71 Ja '68

- Estimating the stability of soil creeping slopes, L. P. Nikiforov, TS. Z. Ryklna, Put'i put. khoz. 11 no. 6 38-39 '67

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627.8 (Continued)

- Information of concrete-rock joints under vertical load and cementless application of inclined shearing force to cemented concrete (at blocks). S. A. Rova. Trudy Leningradskoye no 4 68-79 '66.
- Method for drilling in surveying works for Sayan-Eniseyskoye Hydroelectric power station. E. F. Levin. Trudy Leningradskoye no 4 99-107 '66.
- Hydrodynamic pressure on dams in case of semicircular cross-section. S. G. Shulman. Izv. VNIIG 81 103-108 '66.
- Hydrodynamic pressure on the elements of very rough cross-sections. A. N. Rakhmanov. Izv. VNIIG 81 103-108 '66.
- Investigations in the field of hydroelasticity. N. P. Zaslavskiy, A. S. Abelev. Izv. VNIIG 81 31-38 '66.
- Maps of the lateral distribution of sediments along the zone of reservoirs. V. Kh. Mayrodi. Izv. Vys. shkoly, stroit. i arkhit. 10 no 9 107-113 '67.
- Setting a system of coordinate functions in calculating the sequence of pile solidification. G. V. Danilina. Trudy AN Gruz. SSR 17 no 1 121-126 '67.
- Seismic jointing of volcanic rocks composing foundations of concrete dams. D. P. Prochukhan. Trudy Leningradskoye no 4 3-26 '66.
- Mass of a plate as dependent on its size in the direction of a bank incline with frontal approach of waves. I. A. Andriushin. Izv. VNIIG 81 240-235 '66.
- Cracks in the liquid of a retaining wall having incomplete height and the effect of cracks. T. S. Shennin. Izv. VNIIG 81 89-102 '66.

627.9 COASTAL APPROACH WORKS, MARKING, SIGNALLING, PILOTAGE, RESCUE

- Maritime rescue of victims from the sea. A. A. Gerasimov. Mor. sbor. 50 no 11 66-68 '66.
- Rescue ships. A. Smulov. Tekhn. i voen. 25 no 10 12-21 '66.

628 PUBLIC HEALTH ENGINEERING

628.1 (471.310)—Moscow City

- Measurements in prefabricating sanitary structural elements in housing and municipal construction. O. A. Bratskaya, N. E. Pashchenko, S. D. Dubrovkin. Vod. i san. tekhn. no 11 45-52 '67.

628.2 WATER SUPPLY, WATERWORKS

- Spring difficulties. A. Puchkov. Tekhn. i voen. 25 no 9 22-30 '66.
- Designing water supply and sewer systems in the U.S.S.R. I. A. Nazarov. Vod. i san. tekhn. no 11 22-33 '67.
- Major achievements in Soviet water supply engineering and research in the last 50 years. N. N. Abramov. Vod. i san. tekhn. no 11 5-8 '67.
- Water suspended in the water of Dniester River and its effect on the choice of treatment method. I. A. L. Fainzil'berg. Vod. i san. tekhn. no 1 79-81 '64.
- Rate of growth. Vod. i san. tekhn. no 11 3-4 '67.
- Research by the "Vodgeo" of the All-Union Scientific Research Institute in water management. A. A. Sidorov. Vod. i san. tekhn. no 11 52-56 '67.
- Scientific and technical progress in the purification of drinking water and sewage. F. A. Shevelov, D. M. Mintz, I. G. Godes. Vod. i san. tekhn. no 11 17-21 '67.
- Research on efficient use of municipal water supply. A. N. Egorov, G. N. Maksimov. Prom. energ. 22 no 12 37 '67.
- Simple method for linking circumferential irrigation and water distribution networks. N. M. Dobrotchenko, A. N. Khramchenko. Vod. i san. tekhn. no 1 68-69 '61.
- Water supply in the mountains and in the desert. A. T. Shilin. Tekhn. i voen. 25 no 9 56-61 '66.

628.1 (471.310)—Moscow City

- Always in search. Gorky, Mosk. 41 no 10 44-45 '65.
- Improvement in the Moscow water supply in the last 50 years. A. V. Dvachkov. Vod. i san. tekhn. no 11 30-35 '67.

628.1 (478)—Moldavian S.S.R.

- Morphological studies of Moldavian water reservoirs. A. I. Moldavov. Vod. i san. tekhn. no 1 82-105 '64.

628.3 SEWERAGE, SEWERS

- Designing water supply and sewer systems in the U.S.S.R. I. A. Nazarov. Vod. i san. tekhn. no 11 22-33 '67.
- Rate of growth. Vod. i san. tekhn. no 11 3-4 '67.
- Research by the "Vodgeo" of the All-Union Scientific Research Institute in water management. A. A. Sidorov. Vod. i san. tekhn. no 11 52-56 '67.
- Study of processes of shield tunneling for a sewage conduit in water-saturated sands by means of imbedding and flushing. V. V. Putiatin. Sb. trud. LIIZIT no 252 24-35 '66.

628.2 (471.310)—Moscow City

- Improvement in the Moscow sewer system in the last 50 years. P. I. Galanin. Vod. i san. tekhn. no 11 34-39 '67.

628.2 (479.24)—Azerbaijan S.S.R.

- Designing industrial and urban effluents in Azerbaijan. F. S. Gulliev. Za tekhn. prog. 6 no 11 29-31 '66.

628.3 SEWAGE PURIFICATION, ETC.

- Achievements in industrial sewage purification. A. I. Zhukov, I. L. Mongait. Vod. i san. tekhn. no 11 22-33 '67.
- Chlorination of sewage on sewage of a petroleum refinery. T. N. Sytko, V. G. Kondratov. Dni. V. V. 11 no 12 1117-1119 '67.
- Decolorization of sewage waters coming from continuous sulfite pulp cooking. A. A. Ignatenko and others. Prom. prom. no 5 16-17 '65.
- Disinfecting water from bacteriological contamination. M. G. Kantor, N. G. Vlasov. Khim. prom. U.S.S.R. no 4 16 '67.
- Mechanical purification of waste waters. I. V. Krasovskiy. Tekst. prom. 27 no 10 61-62 '67.
- Scientific and technical progress in the purification of drinking water and sewage. F. A. Shevelov, D. M. Mintz, I. G. Godes. Vod. i san. tekhn. no 11 17-21 '67.
- Unit for wool catching in sewage waters. B. M. Dushin and others. Kosh. obsh. prom. 8 no 5 18-20 '66.

628.5 INDUSTRIAL SANITATION, NUISANCES

- DAK-10 apparatus for continuous preparation and proportioning of silica acid sols. A. A. Shipchenko, L. A. Kul'shik. Khim. prom. U.S.S.R. no 6 17-18 '67.
- Eliminating dust in gypsum plants. I. M. Dolanovskaya, A. I. Ovcharenko, M. L. Raifov. Stroim. mat. 13 no 8 28 '67.
- Overall modernization of vehicle "Lurgi" electric filters. A. V. Zaugolnyl. Tsement 13 no 6 20 '67.
- Reducing the amount of dust in quarries. E. V. Rudchenko. Stroim. mat. 13 no 8 28-29 '67.
- Reducing the noise of ultrasonic equipment. S. V. Putukhova. Mashinostroitel' no 11 41-43 '67.
- Using clarifiers in wet soot catching during the production of activated carbon black. V. A. Bodin. Izv. Vys. ucheb. zav., stroit. i arkhit. 10 no 9 92-96 '67.

628.6 INDOOR CLIMATE ENGINEERING

- Ventilation of workshops in the vulcanization plants by concentrated air in flow. E. V. Sazonov. Khim. prom. U.S.S.R. no 6 52-53 '67.

628.9 ILLUMINATING ENGINEERING

- Analytical calculation of the filling coefficient of the mirror zone of a symmetrical light fixture. G. K. Kuzhich. Svetotekhnika 13 no 12 10-13 '67.
- Auxiliary graphs for the design calculations of lighting fixtures. G. M. Kozlov, B. A. Krasovskiy, I. K. Shishalova. Svetotekhnika 13 no 12 19-22 '67.
- Calculation of light intensity curves for airplane landing illumination under poor visibility. I. U. V. Frid. Svetotekhnika 14 no 1 17-22 '68.
- Calculation of luminous flux incident on a reflector using the dimensional brightness of a high-pressure mercury lamp. D. S. Dobrov. Svetotekhnika 13 no 12 8-10 '67.
- Capacitors for fluorescent lighting systems. V. T. Renne, V. A. Akopian. Izv. Vys. ucheb. zav., energ. 10 no 12 120-123 '67.
- Conference of a scientific and technical council. G. A. Gushkova. Svetotekhnika 13 no 12 23-26 '67.
- Contents of the periodical "Svetotekhnika" for 1967. Svetotekhnika 13 no 12 29-30 '67.
- Contribution to graphical calculation of natural lighting. S. M. Ljubimov. Svetotekhnika 13 no 12 23-24 '67.
- Decorative lighting of Tiflis. V. K. Panov. Svetotekhnika 13 no 12 1-3 '67.
- Light penetrability of an inclined and vertical glass structure in use. V. S. Fedosikhin. Izv. Vys. ucheb. zav., stroit. i arkhit. 10 no 9 89-92 '67.
- N. A. Rybnik's work on natural lighting of public buildings. R. A. Spozhnikov. Svetotekhnika 11 no 1 27 '68.
- Study of the operating characteristics of the components of a lighting system with fluorescent lamps. V. A. Bolikova. Svetotekhnika 13 no 12 4-8 '67.
- Use of electroluminescent panels as lighting sources. I. U. P. Chukova. Svetotekhnika 14 no 1 13-15 '68.

629.1 PARTS, EQUIPMENT OF VEHICLES OR CRAFT

- Electronic computers and automation in navigation. M. I. Skvortsov. Mor. sbor. 50 no 11 52-56 '66.
- Strength and stability of elements of thin-walled structures. Prochnost' i ustoychivost' elementov tonkostennyykh konstruktsiy; abornik statel. Pod red. E. N. Tikhomirova. Moskva, "Mashinostroyeniye." So. 2, 1967. 406 p.

629.11 LAND AND ROAD VEHICLES

- Automobiles and truck trains are being loaded. A. I. Urman, N. Netykha. Tekhn. i voen. 25 no 8 56-59 '66.
- Automobiles of the five-year plan. N. Stoklin. Tekhn. i voen. 25 no 6 62-68 '66.
- Discussion about the new automobile by workers of the taxicab transportation service. Tekhn. i voen. 25 no 1 15 '68.
- How the taxicab was created. P. Lerner. Tekhn. i voen. 25 no 1 16-17 '68.
- Mechanizing laborious tasks. A. Polikashkin and others. Tekhn. i voen. 25 no 5 46-51 '66.
- New types of taxicabs. I. U. Dolmatovskiy. Tekhn. i voen. 25 no 1 10-14 '68.

On new automobiles. O. Lavrov, E. Kobylanskiy. Tekhn. i voen. 25 no 6 50-54 '66.

Plan for establishing vehicle collecting points. M. Marutov, V. Syrovatov. Tekhn. i voen. 25 no 7 32-35 '66.

Transportation troops in the overall order. S. Gusev. Tsy. i snab. Sov. 26 no 10 52-53 '65.

Two approaches to the industrial design of a taxicab. Tekhn. i voen. 25 no 1 18-21 '68.

We load empty automobiles with a single suspension line. S. Antunovich, I. Iakushenko. Tsy. i snab. Sov. 26 no 1 82-83 '66.

The word of an automobile repairman. P. Podolubratov. Tekhn. i voen. 25 no 7 61 '66.

629.113 MECHANICALLY PROPELLED (MOTOR) VEHICLES, AUTOMOBILE ENGINEERING

- Balancing the internal combustion engines. T. T. Gopuce. Izv. Vys. ucheb. zav., mashinost. no 4 128-130 '67.
- Character and magnitude in the change of torques of wheels in multiple-drive motor vehicles at start and during acceleration. G. A. Smolinov, I. A. Gilevskiy. Izv. Vys. ucheb. zav., mashinost. no 11 101-106 '67.
- Development of automotive technology during the 50 years of the Soviet regime. A. A. Ippart, N. A. Busharin, N. I. Busharin. Izv. Vys. ucheb. zav., mashinost. no 10 61-65 '67.
- Improvement of the state of the fleet of motor vehicles of the collective-farm construction organizations. A. Hofman. Tsy. i snab. 26 no 3 22 '66.
- Manual training curriculum in a course on automobiles. V. I. Rubtsov. Sb. trud. V. I. 11 no 6 14-24 '67.
- Nabula, H. E., V. S. Kallits'kiy, and O. I. Manzoni. Handbook for a third-class driver. Pkhuchnyk shofera tret'ego klasa. Kyiv, "Tekhnika," 1967. 441 p.
- A new progressive servicing and maintenance method for motor vehicles. T. Abramyan. Natsional'nyy 25 Ja '68.
- Tajinskiy, V. N., and others. [Repair of the "Moskvich-408" automobile]. Remont avtomobila "Moskvich-408". Pod red. A. F. Andronova. Moskva, "Transport," 1968. 317 p.

The new industry as strengthening. V. Petrov. Vneshtorg. 48 no 2 10 '63.

Tractive and coupling properties of a pneumatic crawler propeller. N. I. Bosharov, and others. Izv. Vys. ucheb. zav., mashinost. no 9 130-131 '67.

Trolleybus painting during repair work. N. I. Vol'vak. Lakokras. i tekhn. no 6 74-82 '67.

629.113 (437)—Czechoslovakia

- For drivers. Zdrav. Penka. Tekhn. i voen. 25 no, no 10 31-35 '66.

629.113 (471.310)—Moscow City

- Using radioisotope apparatus and methods at the I. A. Ikhlichev Automobile Plant in Moscow. M. I. Tolokanov, V. P. Orshin, P. V. Tikhonov. Tz. i snab. 26 no 5 31-32 '66.

629.113 (471.341)—Gorky Province

- Improve the accounting. S. Ruchin, Bukh. uch. 26 no 11 11-17 '67.

629.113 (471.5)—Ural regions

- The automobile industry of the Urals. N. M. Ippart, S. N. Berezin. Trudy Ural politekhn. inst. no 161 18-21 '67.

629.113 (474.2)—Estonian S.S.R.

- Activities of the party and industry or just efficient managers? Part. zhizn' no 3 45 '68.

629.113 (575.1)—Uzbek S.S.R.

- Prerequisites of regular production flow. A. Pishchin. Tkon. i zhizn' no 11 57-59 '67.

629.118 BICYCLES, MOTORCYCLES, SCOOTERS

629.118 (471.51)—Udmurt A.S.S.R.

- According to personal creative plans. V. T. Beliaev, M. A. Peisepitza. Mashinostroitel' no 9 5-6 '67.

629.12 SHIPBUILDING, SHIPS, BOATS

- Everyday life of a mechanic. V. Ovchinnikov. Tekhn. i voen. 25 no 7 7-8 '66.
- Loading and unloading work on an unequipped coast. I. F. Aldunovskiy. Mor. sbor. 50 no 11 77-80 '66.
- Meleshkin, G. A. [Generator units with ship power withdrawal]. Generatorsye ustanovki otora moshchnosti na sudakh. Leningrad, "Sudostroeniye," 1967. 231 p.
- New principles of ship movement. N. Mal'nev. Tekhn. i voen. 25 no 9 16-21 '66.
- On distant cruises. I. U. Romanovskiy. Tekhn. i voen. 25 no 5 52-53 '66.
- Select the optimal mode of operation. B. Kuznetsov. Tekhn. i voen. 25 no 8 65-66 '65.
- Using electromechanical systems of submersible ships in hot climate conditions. I. U. B. Romanovskiy. Mor. sbor. 50 no 11 69-71 '66.

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- Use of the elements of mineral feeding by sugar beets and corn in their fertilizing with nitrophoska and nitroammophoska. A. D. Khomenko, N. I. Moldavan. Khim. prom. Ukr. no 6:16-17 '67.
- 631.8(471.344)—Chuvash A. S. S. R.
Fertilizers for barley in dark-gray forest soils. S. Andrianov. Zet. i masl. kul't. 2 no. 9:25-26 '67.
- 631.8(471.5)—Ural regions
Developing the production of nitrogen fertilizers in the Urals. E. D. Puzako, I. U. N. Zinov'ev. Trudy Ural. politekh. inst. no 161:9-12 '67.
- 631.8(471.67)—Daghestan A. S. S. R.
The correlation method of analyzing the connection between the yield of vineyards and the use of fertilizers. T. Saidov. Prikl. raz. ekon. Dag. no 5:180-185 '67.
Statistical groupings in analyzing the influence of fertilizers on increasing the yield of vineyards. T. Saidov. Prikl. raz. ekon. Dag. no 5:175-179 '67.
- 631.8(575.1)—Uzbek S. S. R.
In preparation for the anniversary. V. Iskutov. Ekon. i zhizn' 9 no 10:42 '67.
632. CROP DAMAGE AND PROTECTION
Biology of *Corynebacterium fascians* (Dill.) Dow, a pathogen of strawberry fasciation. I. N. Chekunova, M. A. Chumakovskaya. Nauch. dokl. vys. shkoly, biol. nauki. 10 no. 11:104-107 '67.
Comparative study of serological reactions with phyto-pathogenic viruses. A. I. Zeevukin. Izv. TSKHA no 3:159-165 '66.
Pollutants, I. M. [Chemical method of protecting plants from diseases] Khimicheskiy metod zaschity rastenii ot boleznii. Leningrad, "Kolos," 1966. 117 p.
- 632(479.22)—Georgian S. S. R.
Medlar scab agent and its biological characteristics. L. I. Piskialadze. Soob. AN Gruz. SSR. 47 no 1:149-154. 11 '67.
- 632(575.1)—Uzbek S. S. R.
Phenological observations on weeds in unirrigated wheat fields. U. Allanzarova. Uzb. biol. zhur. 11 no 6:37-40 '67.
- 632.9 CROP PROTECTION PEST CONTROL
Effect of simazine in fruit nurseries. M. D. Kuznetsov. Izv. TSKHA no. 3:128-140 '66.
An integrated method of controlling the gypsy moth. I. A. Kostin. Vest. AN Kazakh. SSR. 23 no. 10:75-76 '67.
Results of the use of herbicides in the plantation of aromatic plants in Georgia. G. S. Gvadev, G. A. Esvandzhia. Izv. TSKHA no 3:147-153 '66.
- 632.9(575.1)—Uzbek S. S. R.
Implementation of control measures against cotton wilt. V. G. Kocherzshkin. Izv. AN SSSR. Ser. biol. no 1:158-161. Ja-F '68.
- 632.95 PESTICIDES AND CONTROL CHEMICALS
Antiseptic treatment of wood by water-soluble antiseptics. V. K. Poleshchuk. Energetik. 15 no. 11:26-28. Nu '67.
Chemical eradication of grass. V. V. Panekin, N. I. put, khoz. 11 no. 6:46 '67.
Effect of insecticides on the respiration of cotton pests. S. A. Zhuravskaya, T. V. Bobyryeva. Uzb. biol. zhur. 11 no 6:41-44 '67.
Work of the Kiev Regional Sanitary Epidemiological Station on residual quantities of toxic chemicals in food products. B. M. Duchinskii, B. I. Gol'denberg, N. Z. Kudimova. Vop. pit. 26 no 3:60-61. My-Je '67.
633. FIELD CROPS, INDUSTRIAL CROPS
Aerial fertilizing of winter wheat. A. Lukashev. Zet. i masl. kul't. 2 no. 9:21-23 '67.
Automating the crushing process of combined feed ingredients in hammer mills. P. Platanov, I. Ignatenko. Muk. -elev. prom. 33 no 12:13-15. D '67.
Biochemical characteristics and baking quality of wheat grain as related to the nutrition conditions of the plant. Gamal M. Khalid. Izv. TSKHA no 3:93-97 '66.
Changes in the content of some organic acids in the ontogeny of cotton as affected by gamma irradiation. S. V. Arslanova. Uzb. biol. zhur. 11 no 6:7-9 '67.
Cleaning wheat and barley seeds in corn processing plants. V. Tseltinovskii. Muk. -elev. prom. 33 no 12:4-5. D '67.
Combined processing of potatoes to starch and alcohol. L. I. Navrodskaia, E. M. Pastukhova. Ferm. i split. prom. 32 no. 4:36-38 '66.
Comparative data on the pollen morphology in species *Cossypium hirsutum* L., *Cossypium barbadense* L. and *Cossypium trilobatum* Lam. L. P. Shevchuk, A. Abdullaev. Uzb. biol. zhur. 11 no. 6:52-56 '67.
Cotton seed germination as related to the concentration of soil solutions. I. Zhiemuratov. Uzb. biol. zhur. 11 no. 6:17-19 '67.
- preservation. I. E. T. Dmitrieva, N. F. Aristova, G. V. Belaventseva. Kons. i ov. prom. 23 no. 1:15-17. Ja '68.
Effect of nickel and zinc on the nitrogen metabolism and productivity of cotton. A. A. Kariev. Uzb. biol. zhur. 11 no 6:14-16 '67.
Experimental study of sunflower seeds drying in the tube of the recirculation drier. V. I. Kaspey, R. K. Nakhodzhayev. Izv. vys. ucheb. zav. pishch. tekhn. no. 6:103-106 '67.
Fall supplementary nitrogen fertilizers for winter crops. A. Selavai. Zet. i masl. kul't. 2 no. 9:19-21 '67.
Fractional composition of proteins in the grain of spring rye. G. S. Boronova, E. D. Kazakov. Izv. vys. ucheb. zav. pishch. tekhn. no 6:9-11 '67.
Grinding hard variety of wheat for macaroni products. A. Bratukhin and others. Muk. -elev. prom. 33 no 12:7-8. D '67.
Growth and development characteristics in some aromatic rose varieties. L. V. Gaidukova. Nauch. dokl. vys. shkoly, biol. nauki. 10 no 11:60-63 '67.
Method of pachytene analysis of chromosomes in corn. T. S. Rostovtseva. Genetika no 1:173-178 '67.
Nature and span of the species of cultivated plants. P. M. Zhukovskii. Bot. zhur. 52 no. 10:1530-1539. O '67.
Practice in cleaning castor beans in Krasnodar Territory grain receiving stations. G. V. Veklin. Muk. -elev. prom. 33 no 12:5-6. D '67.
Preparation of excellent seeds for spring sowing. D. Teniacy. Muk. -elev. prom. 33 no 12:3-4. D '67.
Production tests of gamma radiation of potatoes for prevention of sprouting. L. V. Metlitskiy, N. P. Korabl'eva. Kons. i ov. prom. 23 no. 1:23-25. Ja '68.
Relationship between the economic coefficient and the work of the assimilatory apparatus in spring wheat. V. A. Kumakov. Dokl. AN SSSR. 177 no 4:961-963. D '67.
Stimulation of rice seed germination by hydrogen peroxide. L. A. Vorensteyn. Nauch. dokl. vys. shkoly, biol. nauki. 10 no 11:80-81 '67.
Sunflower desiccation with magnesium chloride. N. Bobek, A. Starchikov. Zet. i masl. kul't. 2 no. 9:38-39 '67.
Technological quality of rye grain under the continuous use of fertilizers in crop rotation and monoculture. I. A. Pankrat'eva. Izv. TSKHA no 3:85-92 '66.
Use of emulsifiers for the improvement of the consistency of dry potato puree. S. A. Genn, M. A. Volodina, I. D. Shchekoleina. Kons. i ov. prom. 23 no. 1:31-36. Ja '68.
Use of morphophysiological analysis method in studying productivity of wheat varieties. R. P. Mel'nic, V. I. Ponomarev. Vest. Mosk. univ. Ser. 6: Biol., pochv. 23 no 1:83-89. Ja-F '68.
Use of nisin in potato canning. N. M. Maslennikova, R. V. Lokshina. Kons. i ov. prom. 23 no. 1:12-13. Ja '68.
Waste trap. V. I. Timov. Tyli i anab. Sov. Vost. Sib. 26 no. 1:83-84. Ja '66.
Winners of the pre-October socialist competition. Muk. -elev. prom. 33 no. 12:1. D '67.
With confident steps. Zet. i masl. kul't. 2 no. 9:2-3 '67.
- 633(235)—Mountains of Asia
Barley watering in the Pamir highlands. L. G. Kirilova. Izv. biol. nauk. AN Tadzh. SSR. no 4:3-10 '67.
- 633(4.0)—European capitalist countries
Grain crop yields in West European countries. I. B. Khlebnin. Izv. TSKHA no 3:222-236 '66.
- 633(471.6)—Northern Caucasus
Quality of wheat grain. A. Bagmut, A. Semenov. Zet. i masl. kul't. 2 no. 9:8-9 '67.
- 633(471.81)—Rostov Province
Grain factory in the Sal'sk Steppe. D. Angel'ev. Ekon. sel'khoz. 43 no. 11:75-79 '67.
- 633(471.821)—Adyge Autonomous Province
Growing winter wheat "Bezostala 1." E. Ivanova, T. Khavritskaya. Zet. i masl. kul't. 2 no. 9:27-28 '67.
- 633(471.83)—Stavropol Province
Effect of the leveling of checks on the yield of rice. N. Gorbov. Zet. i masl. kul't. 2 no. 9:32-34 '67.
How to increase the yield of grain in Stavropol Territory. B. Goncharov, A. Tarasov. Zet. i masl. kul't. 2 no. 9:12-15 '67.
- 633(474.5)—Lithuanian S. S. R.
Production of granulated mixed feed with molasses: practice of the Siate Combined Feed Plant. E. Verkaskas. Muk. -elev. prom. 33 no 12:11-13. D '67.
- 633(477)—Ukrainian S. S. R.
Document of seed production. Tsit. i gen. 1 no. 6:5-9. N-D '67.
Fifty years of grain breeding in the Ukraine. I. M. Polakov, V. I. Dichev, V. T. Manziuk. Tsit. i gen. 1 no. 6:10-24. N-D '67.
- 633(479.22)—Georgian S. S. R.
Grain farming in Georgia. M. Gvindhilia. Zet. i masl. kul't. 2 no 9:1-5 '67.
Results of the use of herbicides in the plantations of aromatic plants in Georgia. G. S. Gvadev, G. A. Esvandzhia. Izv. TSKHA no 3:147-153 '66.
- 633(571.14)—Novosibirsk Province
Buckwheat can yield large crops. S. Bievartenko. Zet. i masl. kul't. 2 no. 9:29-31 '67.
- 633(571.61)—Amur Province
Defoliation of soybean. V. Burlaka, V. Konechnaya. Zet. i masl. kul't. 2 no. 9:99-101 '67.
- 633(574)—Karakh S. S. R.
Drying sunflower seeds with mechanical ventilation. V. Chebotarev. Zet. i masl. kul't. 2 no 9:42-43 '67.
Our results in sunflower growing. I. Aryshev. Zet. i masl. kul't. 2 no. 9:43-46 '67.
- 633(575)—Central Asia
Novikov, M. P. [Struggle of the Communist Party of Turkmenia for the solution of the agrarian problem and the restoration of cotton growing, 1921-1924] Borba Kompartii Turkmennana za razreshenie zemel'nogo voprosa i vosstanovlenie khlopkovodstva, 1921-1924 gg. Tashkent, "Fan," 1966. 141 p.
- 633(575.1)—Uzbek S. S. R.
Developmental phases and embryological processes in sorghum species of the Tashkent region. I. I. Khizova. Uzb. biol. zhur. 11 no 6:57-61 '67.
Implementation of control measures against cotton wilt. V. G. Kocherzshkin. Izv. AN SSSR. Ser. biol. no 1:153-161. Ja-F '68.
Phenological observations on weeds in unirrigated wheat fields. U. Allanzarova. Uzb. biol. zhur. 11 no 6:37-40 '67.
Rice factory and its concerns. A. Popov, A. Arkad'ev. Ekon. i zhizn' no 11:83-84 '67.
With the help of Russian brothers. K. Khazimov. Ekon. i zhizn' 9 no 10:28-29 '67.
- 633.2 FORAGE GRASSES AND GRASSLAND
Effectiveness of various types of fertilizers in crop rotation with perennial grasses. V. V. Gritsenko. Izv. TSKHA no. 3:43-53 '66.
- 633.2(571)—Asiatic R. S. F. S. R.
Productivity of seed grass on Solonchak soils of the Baraba Steppe. Z. S. Akimova, Rast. res. 3 no 4:597-602 '67.
- 633.2(575.1)—Uzbek S. S. R.
Productivity of agricultural plant communities in desert pastures of Kyzyl Kum. A. G. Atimzhanov. Rast. res. 3 no. 4:602-607 '67.
- 633.2(575.172)—Kara-Kalpak A. S. S. R.
Conference on desert pastures. M. G. Shatskain. Uzb. biol. zhur. 11 no 6:66-67 '67.
- 633.2(575.3)—Tajik S. S. R.
Ecology of flowering and seed production of *Prostraca sulcata* Hack. of the Gissar highlands. N. G. Katselkina, T. N. Shapovalova. Izv. Old. biol. nauk. AN Tadzh. SSR. no 4:99-101 '67.
- 634.0 FORESTRY
Acidproof coatings based on furan resins. R. A. Solonitsyn, A. N. Serdyuk. Bum. prom. no. 5:18-19. My '65.
Estimation of spruce twigs. S. A. Solov'ev, V. V. Andreev. Rast. res. 3 no. 4:520-523 '67.
Estimation of the weight of needles and the volume of shoots in young spruce. B. A. Solov'ev. Rast. res. 3 no. 4:513-520 '67.
Forestry science and studies of the International Biological Program. A. I. Utkin. Rast. res. 3 no. 4:490-504 '67.
Fruiting of *Pinus koraiensis* Sieb. et Zucc. in the northern part of its range. A. G. Izmodenov. Rast. res. 3 no. 4:538-546 '67.
Future study of seed production of *Pinus sibirica* and *Larix sibirica*. A. I. Iroshnikov. Rast. res. 3 no. 4:533-538 '67.
Improving lumber transportation in the Yenisey Basin. V. I. Mitin, V. I. Rastapin. Trudy TSNIIEVT no 52:56-62 '67.
Liamin, V. A. [Gasification of wood] Gazifikatsiya drevesiny. Moskva, "Lesnaya prom-st'," 1967. 261 p.
New machines for the uprooting of stumps. B. M. Brek, E. N. Lempert, N. A. Safonov. Torf. prom. 44 no. 8:14-17 '67.

- 633.0(471.61)—Ivanovo Province
Concentration is one of the most important conditions for increasing the production of vegetables. V.I. Kuznetsov. Dokl. i soob. VNIISKH no. 33 11-12 '66.
- 635.1(471.341)—Corkly Province
Economic efficiency of cultivating potatoes. G.I.A. Chernov. Dokl. i soob. VNIISKH no. 33 11-12 '66.
- 635.1(471.67)—Daghestan A. S. S. R.
Productivity of vegetable gardening, fruit gardening, and viticulture in Daghestan. R. Adzhieva. Probl. raz. ekon. Dag. no. 5 138-156 '67.
- 635.1(575.1)—Uzbek S. S. R.
The Odessans say: "Excellent!" Ekon. i zhizn' no. 11 '79 '67.
- 635.6 **EDIBLE FRUIT AND SEED PLANTS**
Aseptic canning of apple and grape juices. I.P. Uryshyna. Khar. prom. no. 5 31-43 N-D '67.
Effect of nitrogen nutrition conditions on the absorption and assimilation of phosphorus by leguminous plants. N.V. Guliakin, M.M. Gukova, I.N. Arbutova. Izv. TSKHA no. 3 62-71 '66.
Effect of the gamma radiation of pea seeds on the fractional and amino acid composition of protein in sprouts. S.P. Tselishchev and others. Izv. TSKHA no. 3 81-84 '66.
Effect of X rays on squash. G.A. Tonakian. Biol. zhur. Akm. no. 12 73-76 D '67.
Fast determination of residue in juices. A.A. Smeshko, L.F. Shchekotova. Kons. i ov. prom. 23 no. 1:28-29 Ja '68.
Polyploidy in peas. P.A. D'yachuk, I.S. Popova. Genetika no. 1 13-24 '67.
Potential and real seed productivity of different broad bean varieties. V.A. Akhmedova. Nauch. dokl. vys. shkoly; biol. nauki 10 no. 11 80-83 '67.
Some physiological characteristics of heteroauxin and chloramphenicol effect on the growth of internode sections of etiolated pea seedlings. I.A. Kulakova, G.P. Pushkina. Nauch. dokl. vys. shkoly; biol. nauki 10 no. 11 84-88 '67.
- 635.6(471.322)—Lipetsk Province
Millet as a high yield crop. A. Sorochenko, A. Bashkova. Zer. i masl. kul't. 2 no. 9 31-32 '67.
- 635.6(471.344)—Chuvash A. S. S. R.
Beet variety of peas. I.U. Kazanov. Zer. i masl. kul't. 2 no. 9 37 '67.
- 635.6(471.41)—Tatar A. S. S. R.
High-yield crop. M. Zakirov. Zer. i masl. kul't. 2 no. 9 35-38 '67.
- 635.6(477)—Ukrainian S. S. R.
Peas in the Ukrainian Polesye. N. Lakimenko, K. Filaretova. Zer. i masl. kul't. 2 no. 9 36-37 '67.
Production of canned green peas at the Izmail Canning Combine. V.I. Parkhomenko. Khar. prom. no. 6 49-51 N-D '67.
- 635.8 **MUSHROOMS**
Death cup mushroom poisoning. I.A. Vitrenko. Vop. pit. 26 no. 3 92 My-Je '67.
- 635.9 **ORNAMENTAL HORTICULTURE. FLOWERS. SHRUBS**
Dynamics of manganese, copper, zinc, and molybdenum content in the grapevine. N.G. Zyrin, G.P. Stoslov, V.D. Simonov. Vest. Mosk. un. Ser. 6. Biol. i pochv. 23 no. 1 94-102 Ja-F '68.
Shalun, I.M. [Formal ornamental fruit garden] Formovo-dekorativnyi plodovyi sad. Kyiv, "Naukova dumka," 1987. 143 p. (Naukovo-populjarna literatura).
Shushkov, K.L., and M.V. Beschebnova. [Roses] Rozy. Alma-Ata, "Kainar," 1967. 148 p.
- 636 **DOMESTIC ANIMALS**
Work of the plant of dry feed yeast at the Trileasak Distillery. P.G. Psalov, V.P. Sidorenko. Perm. i spirt. prom. 32 no. 5 34-37 '66.
- 636(470)—European U. S. S. R.
Local characteristics of stock farming in the forest zone of Eastern Europe in the early Iron Age. I.U. A. Krasnov. Krat. soob. Inst. arkeol. no. 112 31-37 '67.
- 636(474.3)—Latvian S. S. R.
Production of the food concentrate Vitamin B₁₂ from molasses stillage. V.D. Boiko and others. Perm. i spirt. prom. 32 no. 5 31-34 '66.
- 636.08 **STOCK MANAGEMENT. BREEDING. CARE**
Construction of livestock breeding structures according to technological charts. M. Oreshin, V. Monastyrnyi. Sel. stroi. 18 no. 1 16-18 Ja '64.
Developing and using norms for the expenditure of labor in livestock farming. L.S. Abakumov. Dokl. i soob. VNIISKH no. 33 50-59 '68.

In the State Committee on Construction and the Ministry of Construction of the R. S. F. S. R. Sel. stroi. 18 no. 1 27 Ja '64.

636.08(471.61)—Rostov Province

They remained on their own stud farm. S.I.A. Martsev. Shkola i prosv. 11 no. 6 37 Je '67.

636.08(477)—Ukrainian S. S. R.

Studies on genetics and breeding of domestic animals in the Ukraine. N.N. Kolesnik. TSU, i gen. 1 no. 6 25-37 N-D '67.

636.08(575.1)—Uzbek S. S. R.

Quality and profitability. K. Khandamov. Ekon. i zhizn' no. 11 80-82 '67.

636.1 **HORSES**

Effectiveness of inbreeding in breeding purebred and half-bred Kabardin horses. A.S. Krasnikov, V.A. Parfenov, A.V. Shilova. Izv. TSKHA no. 3 166-180 '66.

636.2 **CATTLE**

Characteristics of the participation of the pancreatic gland in the nitrogen metabolism in calves of various ages. P.I. Zhechitsov, V.F. Vrakin, Tong Chan Dao. Izv. TSKHA no. 3 193-206 '66.

Data of examination of cattle for toxoplasmosis. S.A. Aubakirov. Trudy TSU 103 52-53 '67.

Use of feed nitrogen for the synthesis of microbial protein in the rumen of ruminants. P.I. Zhechitsov, A.I. Solntsev, R.V. Veseluhin. Izv. TSKHA no. 3 181-192 '68.

Variability and heritability of quantitative and qualitative indices of the sperm of herd bulls of the Brown Latvian breed. G.A. Samoilov. Genetika no. 1 122-130 '67.

636.3 **SHEEP, GOATS**

Effect of natural ultraviolet radiation on the eggs and larvae of intestinal strongylids in sheep. I.F. Pastovoi, I.N. D'jakov. Izv. Old. biol. nauk AN Tadzh. SSR no. 4 81-91 '67.

636.4 **SWINE, PIGS**

Results of examination of swine in Moscow Province for toxoplasmosis. S.A. Aubakirov. Trudy TSU 103 54-55 '67.

636.5 **POULTRY**

Age-related changes in some internal organs of Moscow Bronze hen turkeys. Z.S. Zhdankin. Izv. TSKHA no. 3 207-211 '66.

Characteristics of monomyelin distribution in the organism of artificially infected poultry with pasteurellosis. Z.M. Akopian. Biol. zhur. Arm. 20 no. 12 58-69 D '67.

Decontamination of poultry carcasses infected by Salmonella. I.U. V. Prytula. Khar. prom. no. 2 13-16 Mr.-Ap '66.

Sanitary and hygienic characteristics of chicken meat as related to polychlorophenol poisoning. V.A. Klenov. Vop. pit. 26 no. 3 96-10 My-Je '67.

636.5(575.3)—Tajik S. S. R.

Bird lice of domestic and game birds of Tajikistan. S.K. Kaseev, M.I.A. Idrisova. Izv. Old. biol. nauk AN Tadzh. SSR no. 4 71-80 '67.

637 **DAIRY AND OTHER ANIMAL PRODUCE**

Automated control of the drying process of cracklings. V. Porozov. Mias. ind. SSSR 38 no. 11 31-33 N '67.

Automated weighing of proportioned meat products. A. Vasin, V. Gorbanov. Mias. ind. SSSR 38 no. 11 17-21 N '67.

Brief information on the fulfillment of the nine-month plan. I.A. Krasnopolskii. Mias. ind. SSSR 38 no. 11 28 N '67.

Capital expenditure and its interconnection with capital resources and labor productivity. K.I.A. Ivanov. Khar. prom. no. 6 5-7 N-D '67.

Composition testing of chromium-tin alloy in milk media. A.V. Izmailov, N.P. Chernysheva, V.G. Pronluk. Izv. vys. ucheb. zav.; pishch. tekhn. no. 6 28-27 '67.

Decontamination of poultry carcasses infected by Salmonella. I.U. V. Prytula. Khar. prom. no. 2 13-16 Mr.-Ap '66.

Defects in rindless cheese and ways to eliminate them. T.V. Popova. Khar. prom. no. 6 28-31 N-D '67.

Distribution of worker-brigade wages. I. Elishev. Mias. ind. SSSR 38 no. 11 23-25 N '67.

Effect of antioxidants on the stability increase of melted butter under various storage conditions. A.N. Valeva, M.I. Gorlaev. Izv. vys. ucheb. zav.; pishch. tekhn. no. 6 23-25 '67.

Effect of glutamic acid on the time of milk sedimentation with use of enzymes. I.O. Mykhailova. Khar. prom. no. 2 45-46 Mr.-Ap '68.

[Endocrine raw materials] Endokrinnoe syr'ye, (Eksportnoe). Izd. ofitsial'noe. Moskva, Izd. Standartov, 1987. 55 p. (Gos. standarty SSSR.).

Important conditions for the development of the production of quick-frozen ready-made dishes. V. Dardik. Mias. ind. SSSR 38 no. 11 16-17 N '67.

Improving the quality of the production is the most important problem of the workers of the dairy industry. A.I. Rovinskaya. Khar. prom. no. 2 50-51 Mr.-Ap '66.

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(Continued)

Construction and design principles for flow charts of industrial complexes. B. V. Ruzin. Vest mashinost. 47 no. 12 69-72 D '67.

Accounting the weight of a hydraulic press rotor and optimum number of blocks, based on the amount of metal used in construction. V. V. Rikhsin. Izv. Vsesoyuzn. nauchnoissled. no. 9 175-180 '67.

Analysis of counting losses in digital measuring systems in the case of a non-Poisson incoming flow of pulses. E. I. Rukhlin. Prib. i tekhn. eksp. B no. 5 100-101 '67.

Forecasting planning for the production of hardened polyethylene based on chlorosulfonated polyethylene. G. I. Rukhlin and others. Lakokras mat. i khim. prim. no. 6 145-147 '67.

Increasing the autonomy of industrial enterprises and the role of the struggle for high quality of production. B. I. Rukhlin. Uch. zap. VNIISZ no. 10 107-111 '67.

Scientific and studies of the International Geological Program. A. I. Utkin. Rast. res. 3 no. 4 15-16 '67.

Five-year plan, 1946-1950. Metallurg. 12 no. 5 1 of cover-2 My '67.

Illustration of Nagaki's theorem. I. G. Globenko. Dokl. AN SSSR 177 no. 5 1034-1035 D '67.

Increasing the calculations of the economic efficiency of mechanization and automation of production. I. A. Reberg, L. T. Komarova. Trudy Ural polit. ikh. inst. 151 114 '67.

Increasing the effectiveness of applied economics classes. I. G. Reberg. Sred. spets. obr. 13 no. 6 10-33 Je '66.

International Biological Program. L. E. Rodin. Rast. res. 3 no. 4 185-189 '67.

Mechanization and automation of the process of painting products at the Gorki Automobile Plant. A. K. Rodin, N. D. Fedotov. Lakokras mat. i khim. prim. no. 6 144-145 '67.

Mechanization of shoe manufacture by the use of J.N.T. 1. A. S. Armanjan. Kozh. obuv. prom. 8 no. 4 4-15 S '66.

Mechanization of underground operations in mines of the ferrous metallurgy of the U.S.S.R. I. A. R. Kal'man. Gor. zhur. 113 no. 12 14-39 D '67.

Minimum program determination of the primary biological productivity of terrestrial plant communities. Rast. res. 3 no. 4 162-169 '67.

Automation of the synthesis of machines controlling automation processes. I. I. Artoleviski, D. I. Il'in. Dokl. AN SSSR 177 no. 1 800-803 D '67.

Proposals. V. Dem'ianenko, P. Podgatski. Sred. spets. obr. 13 no. 6 33-31 Je '66.

Problem in queueing theory and the generalization of structural functions connected with it. L. A. Lusterova. Dokl. AN SSSR 177 no. 5 1005-1007 D '67.

Present of geological and economic justification of the number of patterns in the prospecting of multilayered oil and gas fields. A. M. Vel'kov, B. A. Kolov. Tekhn. nedob. prom. no. 12 31-34 '67.

Proposals of efficiency promoters at the Chernovtsy Battery Combust. I. A. M. Bykov. Leh. prom. no. 2 51 Mr Ap '66.

Higher the banner of communist labor. I. M. V. V. Kozh. obuv. prom. 8 no. 9-12 S '66.

Problems of the theory of production management. O. Kozlova. Vop. ekon. no. 13-11 Ja '68.

Regulation of the scheduling at one dressing plants G. K. Kozlov and others. Gor. zhur. 113 no. 115-17 Ja '68.

Scientists are increasing their knowledge of economics. V. L. Levin. Sred. spets. obr. 13 no. 6 35-36 Je '66.

Transfer of the enterprises of the liqueur, vodka and alcohol industry to a new planning and economic incentive system. A. L. Rikabov. Perm. i spirit. prom. 32 no. 5 5-7 '66.

Use of controlled feedback in identifying and evaluating the stability reserve of stochastic objects. V. V. Belyi, M. F. Dumenberg. Dokl. AN SSSR 177 no. 5 1030-1033 D '67.

What the economics scholars suggest. Vop. ekon. no. 2 111-138 F '68.

65.01(471.41)—Tatar S. S. R.
Economic efficiency of using the nonclay drilling muds. N. G. Rikhsin and others. Tekhn. nedob. prom. no. 12 22-24 '67.

65.01(471.52)—Bashkir A. S. S. R.
Establishing norms for working capital in an oil field administration. R. M. Baitalov, E. M. Strel'nikov. Tekhn. nedob. prom. no. 12 27-31 '67.

65.01(405)—European communist countries as a group

Legal aspects of the economic reform in European socialist countries. I. A. Gringol'ts. Uch. zap. VNIISZ no. 10 77-81 '67.

65.01(471)—Astatic R. S. F. S. R.
Means for improving the use of capital assets in exploratory drilling under the conditions of Western Siberia. S. E. Belova. Eksp. nedob. prom. no. 12 18-22 '67.

651 OFFICE MANAGEMENT, PRACTICE AND EQUIPMENT

Information, management, organization. A. Koptev. Tekhn. voozruch. no. 8 72-79 Ag '65.

654 LONG-DISTANCE TELECOMMUNICATION SERVICES. SIGNALING

Economic efficiency of the "Rula 1" system. P. I. Zelenov, I. A. Timofeev. Gor. zhur. 143 no. 12 50-51 D '67.

System of the operative control of mine transportation operations in open-pit mines. L. A. Andreyev, V. V. Konstantinovskii. Gor. zhur. 143 no. 12 47-50 D '67.

654.1 USE OF TELEGRAPH AND TELEPHONE, RADIO AND TELEVISION BROADCASTING AND RECEIVING

[Collection of articles on educational television] Sbornik statei po uchebnomu televideniyu. Pod obshch. red. G. P. Lyro. Moskva, 1967. 134 p. (Uchebnoe televidenie)

655 PRINTING. PUBLISHING. BOOK TRADE

A. S. Pushkin's "Small tragedies." V. M. Knig. 7 no. 8 37-39 '67.

The bibliography of booksetting, its history, present-day conditions, and problems. V. O. Osipov. Kniga, issl. i mat. 15 225-243 '67.

Commencement of Soviet book publishing. E. A. Diner-shin. Kniga, issl. i mat. 15 71-104 '67.

Facts, finds, reports. V. M. Knig. 7 no. 8 10 '67.

The 50th anniversary of the "Urdicheskaya literatura" Publishing House. V. Avilin. Sov. ust. no. 24 1-2 D '67.

Ioffe, A. M. [History of the book, a methodological textbook for the correspondence students of the institutes of culture] Istoriya knigi, uchebno-metodicheskoe posobie dlia studentov-zaochnikov institutov kul'tury. Moskva, 1967. 71 p.

Long live our comrades, the book! A. Kiylov. V. M. Knig. 7 no. 8 10-41 '67.

Organization and economic aspects of the book industry; stages in the formation of its theoretical principles, its sources and some other problems. V. A. Markus. Kniga, issl. i mat. 15 191-211 '67.

The role of books during the Great Patriotic War. G. D. Komkov. Kniga, issl. i mat. 15 105-117 '67.

Some problems of the book trade. M. T. Arbutov. Kniga, issl. i mat. 15 212-224 '67.

Soviet history of books. A. A. Sidorov. Kniga, issl. i mat. 15 137-170 '67.

The Soviet printing industry is the material and technical basis of the Soviet press. D. S. Gorbachevskii. Kniga, issl. i mat. 15 118-136 '67.

Statistics of books published in the U.S.S.R. K. I. Propina. Kniga, issl. i mat. 15 171-190 '67.

[Technology and equipment of the woodpulp, paper, and printing industry] Ref. zhur. Tekhn. i obrab. sel.-kum. i poligr. proizv. no. 12(37), Dec. 1967. Predmetnyi ukazatel' za 1966.

To the friends of our magazine. NTO 9 no. 12 49 D '67.

Why circulation is declining. T. Chernogorov. IU. Chernomorskii. NTO 9 no. 12 17 D '67.

"Young Vitushnik" in N. V. Kur'man's illustrations. P. Kravsov. V. M. Knig. 7 no. 8 36 '67.

655(41)—United Kingdom and Northern Ireland

On the counters of "Toyle's" bookstore. A. Krasnov. V. M. Knig. 7 no. 8 42-43 '67.

655(474.2)—Estonian S. S. R.

[Books of Soviet Estonia, 1965] Kniga Sovetskoi Estonii, 1965. Tallinn, "Eesti Raamat," 1966. 133 p.

655(476)—White Russian S. S. R.

Doctor Skalyan's feat. E. Nemirovskii. V. M. Knig. 7 no. 8 11-45 '67.

655(477)—Ukrainian S. S. R.

Activity of the Naukova Dumka Publishing House. Dop. AN URSR. Ser. B 29 no. 12 1125-1126 D '67.

Creative plans of the "Radianska shkola" Publishing House. G. K. Honcharenko. Rad. shk. 47 no. 1 17-19 Ja '68.

656 TRANSPORT AND POSTAL SERVICES

[Container shipments and the interaction of various types of transportation] Ref. zhur. Vznimaniya, razv. vid. transp. i kont. perev. no. 12(31), Dec. 1967.

Five years without an automobile accident. P. Plotnikov. Tekhn. voozruch. no. 8 67-69 Ag '65.

From experience in making packaged shipments. B. Stavrov. Tyl i snab. Sov. Voor. 26 no. 6 70-72 Je '66.

New rules are approved. Tekhn. voozruch. no. 9 54-61 S '64.

Transit conveyances through the territory of the U.S.S.R. I. Kosarik. Vnesh. torg. 48 no. 1 20-22 '68.

[Transportation of the U.S.S.R.; results of the last 50 years and development prospects] Transport SSSR; itogi za posledniye 50 let i perspektivy razvitiya. Moskva, "Transport," 1967. 322 p.

Transportation under the new five-year plan. V. Koptev. Tyl i snab. Sov. Voor. 26 no. 6 5-10 Je '68.

656.08 TRAFFIC ACCIDENTS

These and others depending on their rights and the nature of the accident. A. Lebedev. Sov. ust. 31 no. 16 27-28 Ag '67.

656.1 ROAD TRANSPORT, HAULAGE

[Automotive and city transportation] Ref. zhur. Avt. i gor. transp. no. 12, Dec. 1967.

Contracts for the rental of the means of transportation. D. Levenson. Sov. ust. no. 17 9-10 S '67.

Salaries of automobile and tractor driving instructors. I. A. Rakmanin. Shkola i prof. 11 no. 12 60 D '67.

656.2 RAILWAY TRANSPORT

Communication and centralized traffic control on U.S.S.R. railways during the past 50 years. M. I. Vakhnin. V. V. Vyshechny. Vest TSNIIMPS 26 no. 5 3-7 '67.

Data required for planning operations. M. A. Bikhentsev. Vest TSNIIMPS 26 no. 5 19-22 '67.

Defining the required throughput capacity of railroads with the aid of electronic digital computers. M. S. Gushin. Neftianik 12 no. 8 12-14 Ag '67.

Differenced norms of amortization deductions for the overhaul of loading and unloading machines. V. A. Abgafonov. Vest TSNIIMPS 26 no. 5 57-60 '67.

Evaluation of the costs of incoming train yards of classification stations. P. A. Solnikov. Vest TSNIIMPS 26 no. 5 15-19 '67.

Guaranteeing traffic safety is the duty of every railroad worker. V. A. Nenakhov. Put' i put. khoz. 11 no. 6 1-5 '67.

Improving track-laying operations in the open-pit mine railroad transportation. V. E. Pashukian, I. U. F. Dolgov. Gor. zhur. 143 no. 12 12-16 D '67.

Independent business accounting under the conditions of the economic reform. M. G. Trubnikov, I. M. Pleshchinskii. Vest TSNIIMPS 26 no. 5 8-11 '67.

Korolev, A. I. [Reliability of railroad automation and telemechanization] Nadezhnost' zheleznodorozhnoi avtomatizatsii i telemekhaniki. Moskva, "Transport," 1967. 189 p.

Labor productivity is rising. V. V. Fomin. Put' i put. khoz. 11 no. 6 14-15 '67.

Letters to editors. Put' i put. khoz. 11 no. 6 35-36 '67.

Methods of calculating throughput capacity of railroads. N. A. Vorobiev, V. A. Arkhangelskii. Vest TSNIIMPS 26 no. 5 61-64 '67.

New price list for transporting canned products by rail. I. N. Razantsev. Kons. i ov. prom. 21 no. 1 36-31 Ja '68.

One should know and be able to. B. N. Podpriadov. Put' i put. khoz. 11 no. 6 44-45 '67.

Planning continuous replacement of rails for peak industry transport. V. I. Aksenov. Tsel. i prom. 15 no. 1 22-23 '68.

Portable automatic blocking devices and the effectiveness of a closed line sector for track repair. N. F. Shestobitov, G. S. Chernov. Put' i put. khoz. 11 no. 6 9-11 '67.

656.2(574)—Kazakh S. S. R.

Basic trends in the technological progress on the Kazakh Railroad. Z. G. Zhubanova. Izv. AN Kazakh. SSR. Ser. obshchestv. 5 no. 6 20-34 N-D '67.

656.5 PIPELINES

[Pipeline transportation] Ref. zhur. Tluch. transp. no. 12 (45), Dec. 1967.

Replacing steel elbows of cement pipelines with cast stone pipes. V. M. Afanas'ev, G. P. Bykov, G. P. Frolov. Tsermet 33 no. 6 47 N-D '67.

656.6 MARINE, WATER TRANSPORT

Experimental investigation of the performance of a marine engine using water-fuel emulsions. R. I. Krivonoz. Za tekhn. prog. 6 no. 11 38-40, 43 N '66.

For river and ocean fleet workers. Sov. profsoyuz 23 no. 24 44-15 D '67.

Technical and economic basis for the various types of lumber transportation in the northwestern basin. N. A. Khakhin, P. A. Selivanov. Trudy TSNIIEVT no. 52 6-41 '67.

656.6(282.25)—Asian rivers

Improving lumber transportation in the Yenisey Basin. V. F. Mitin, V. I. Rastapin. Trudy TSNIIEVT no. 52 56-62 '67.

Role of river transportation in the distribution of industries and lumber transportation in the Ob'-Irtysk Basin. N. I. Shapapov, G. A. Zelenov. Trudy TSNIIEVT no. 52 45-55 '67.

656.6(282.5)—Artificial waterways. Canals

Selection and justification of a lumber transportation method on the Bratsk Reservoir. V. I. Mitin, V. I. Rastapin. Trudy TSNIIEVT no. 52 83-108 '67.

656.7 AIR TRANSPORT

[Air transportation] Ref. zhur. Vozd. transp. no. 12, Dec. 1967, no. 2, Feb. 1968.

658 8 MAIL POST
Centralized accounting using accounting machines. P. P. Gubchikov. Vest. stat. 27 no. 12 22-23 D '67.
Centralized accounting of Estonia are improving the organization of work. Kh. V. V. V. V. L. G. Shigola. Vest. stat. 27 no. 12 24-25 D '67.
Economic incentives for technological progress under new conditions. A. L. Lykov. Vest. stat. 27 no. 12 27-28 D '67.
Improvement of organization of work in telecommunication enterprises. T. A. V. V. V. V. Vest. stat. 27 no. 12 18-19 D '67.
In order to change over to the new system of management. V. F. Gubchikov. Vest. stat. 27 no. 12 27-28 D '67.
In order to deliver the letters on time. V. P. Oleinik. Vest. stat. 27 no. 12 20-21 D '67.
Indicators and methods for analysis of the operational efficiency of communication enterprises. Vest. stat. 27 no. 12 23-24 D '67.
Leaders of socialist competitions. Vest. stat. 27 no. 12 31 D '67.
Our concern is good service to the public. I. S. Volovik. Vest. stat. 27 no. 12 20-22 D '67.
"The electrification of the whole country." A. Zytov. VTO 9 no. 12 24 D '67.
Towards new success in labor. Vest. stat. 27 no. 12 1-2 D '67.
Ways to improve the processing of mail. V. N. Matashev, G. F. Gub. Vest. stat. 27 no. 12 13-15 D '67.

658 8(574)—Kazakh S. S. R.
Using credit cards for settling accounts with clients. P. G. Kollasa. Vest. stat. 27 no. 12 30-31 D '67.

658.833 FRANKING STAMPS PHILATELY
Sashenkov, E. P. [Soviet astronautics in philately; a catalog and reference book] Sovetskaya kosmonavtika i filateliya, katalog-spravochnik Moskva, Glav Filatelistsheskaya kontora Sotuzpechaty M-va svlazi SSSR, 1967 138 p

657 ACCOUNTANCY, BOOKKEEPING
Accounting for the results of intraplant business accounting. V. Tkach. Bukh. uch. 26 no. 11 28-32 N '67.
Accounting in the service of the economy. Bukh. uch. 26 no. 11 3-6 N '67.
Annual reports and evaluation of managerial operations of collective farms. E. Sofiev. Vest. stat. 27 no. 149-15 '68.
Deikova, M. P. [Issuing credit to service industry enterprises] Kreditovanie predpriyatiy bytovogo obsluzhivaniya Moskva, "Leghala Industriya," 1967 99 p
The new instructional materials. Bukh. uch. 26 no. 11 70-80 N '67.
Our experience in the organization of work practice. A. Belov. Sred. spets. obr. 14 no. 12 16-17 D '67.
Plenum of the Central Committee of the Trade Union of Government Workers discusses the work problems of machine accounting stations and computing centers. A. Novikhatkil. Vest. stat. 27 no. 156-60 '68.
Recipients of high awards. Bukh. uch. 26 no. 11 63-65 N '67.
Review of newspapers. Bukh. uch. 26 no. 11 58-62 N '67.
Some problems of a standard accounting. V. Trykalkin. Bukh. uch. 26 no. 11 21-24 N '67.
Students evaluate their knowledge. V. A. Samburov. Sred. spets. obr. 13 no. 5 24-26 S '66.
Verification of accounts in cases concerning the pilfering of socialist property. I. Popov. Rad. pravo no. 2 47-52 F '68.
We reach by inspecting. . . A. Matashev. Tylinab. Sov. Voor. Sil. 26 no. 9 37-38 S '66.
What preoccupies the accountants. D. Maslov. Bukh. uch. 26 no. 11 55-57 N '67.

657(437)—Czechoslovakia
Centralized system of mechanized accounting in the trade in Czechoslovakia. M. Rozenberg. Bukh. uch. 26 no. 11 66-69 N '67.

657(471 341)—Gorky Province
Accounting under the new conditions. Z. Kryzhanovskii. Bukh. uch. 26 no. 11 8-11 N '67.
Improve the accounting. S. Ruchin. Bukh. uch. 26 no. 11 11-17 N '67.

657(471, 41)—Tatar A. S. S. R.
Accounting and evaluation of building materials. G. Zhdanov, O. Shapiro. Bukh. uch. 26 no. 11 46-51 N '67.

Sredne-Ural'sk Ore Dressing Plant. A. P. Bychkova, K. V. Gavrilova. Trudy Ural. polit. tekhn. inst. no. 161 85-90 '67.
Standard accounting in tire production. V. Bezbokov, L. Garlaza. Bukh. uch. 26 no. 11 17-20 J '67.

657(474, 3)—Latvian S. S. R.
How we struggle for the strengthening of report discipline. M. Pokalitsayn. Vest. stat. 27 no. 156-60 '68.

657(477)—Ukrainian S. S. R.
Accounting for materials according to grouped estimated supply requests. N. Porad, V. Iakimenko. Bukh. uch. 26 no. 11 42-46 N '67.
Business accounting and the centralization of accounting. V. Zhilin, A. Lysluk, A. Shipil. Bukh. uch. 26 no. 11 25-28 N '67.
Economic analysis in document audits. O. Kmitkevich, V. Murashko. Bukh. uch. 26 no. 11 32-38 N '67.

657(575 3)—Tajik S. S. R.
Thanks to improvements in accounting. N. Spovak. Bukh. uch. 26 no. 11 51-52 N '67.

658 BUSINESS, WORKS AND SHOP MANAGEMENT AND TECHNIQUES
Accounting for the results of intraplant business accounting. V. Tkach. Bukh. uch. 26 no. 11 28-32 N '67.
Analysis of the managerial operation of supply and sales organizations. E. Pen'kov. Mat.-tekhn. snabzh. 2 no. 6 72-78 Je '67.
At the seminar of scientific organization of work in the coal industry. F. I. A. Rozenberg, Ugol' Ukr. 11 no. 12 54-55 D '67.
Coefficients of the scientific organization of labor. P. P. Derunov. Mashinostroi'tel' no. 1 6-10 Ja '68.
Commodity and monetary relations and the socialist system of management. I. I. Astremskiy. Ekon. Rad. Ukr. 9 no. 12 24-31 D '66.
Contracts for the renting of equipment. V. Skripko. Sov. must. no. 24 8-9 D '67.
Cost accounting in repair shops of gasoline plants. L. N. Filonenko. Gaz. prom. 12 no. 12 36-37 D '67.
Determination of the economic effectiveness of lower standards of material expenditures. N. Kotelnikova. Ryb. khoz. 43 no. 11 84-85 '67.
Economy of metal in rolling lightweight sections. V. T. Zhadan, V. E. Stefanov, G. I. Kashchabash. Metallurg. 12 no. 5 31-32 My '67.
Effectiveness of capital investments. E. Rusekov. NTO 9 no. 12 31 D '67.
Generalized index of the adjusted production of oxygen machinery. I. S. Gurban, V. M. Brodianskiy, Z. M. Simanova. Khim. i nef. mashinost. no. 1 35-37 Ja '68.
Guarantee of a success. Z. M. Beitel'man. Mashinostroi'tel' no. 9 39-41 S '67.
Important potentialities for the development of economy. Metallurg. 12 no. 4 2 of cover-1 Ap '67.
Improving intraplant business accounting in flour mills. D. Gavrilchenko. Muk. -elev. prom. 33 no. 12 16-18 D '67.
Mathematical model of the optimal profit and optimal profitability of an enterprise. V. E. Khigatyan, Uch. zap. Erev. un. 103 31-40 '66.
Method of calculating optimal work schedule for sugar plants on electronic computers. B. Al'okhin. Ekon. Rad. Ukr. 9 no. 12 66-61 D '68.
Nontograms for evaluating adopted decisions. R. L. Satanovskii. Mashinostroi'tel' no. 9 41 S '67.
On the use of surplus equipment in the national economy. A. Kamenetskiy, E. Rubinshtein. Mat.-tekhn. snabzh. 2 no. 6 62-63 Je '67.
Pledges of success. G. D. Tugaev. Mashinostroi'tel' no. 1 5-7 Ja '68.
Scientific organization of labor at building and special construction sites. A. G. Koltsov, Mon. i spets. rab. v stroi. 20 no. 11 13-18 N '67.
Scientific organization of labor in the work area. V. I. Got'dinov. Mashinostroi'tel' no. 1 12-15 Ja '68.
Scientific organization of work in nonferrous metallurgy. V. N. Finogenov. Gor. zhur. 143 no. 1 11-12 Ja '68.
Structure of the equipment-repair cycle in shoe factories. K. N. Levitskiy. Kozh. -obuv. prom. 8 no. 5 9-11 My '66.
This can be adopted at your plant. Mashinostroi'tel' no. 1 24-26 Ja '68.
Time of glorious achievements. NTO 9 no. 12 2-3 D '67.
To all members and organizations of the scientific and technical societies. NTO 9 no. 12 4 D '67.
Use of a mathematical method for the calculation of the optimal placement of enterprises producing mineral pigments. Z. S. Minkin, V. N. Baikov. Lakokras. mat. i kh. prim. no. 6 83-88 '67.
Work in winter must be conducted with great economic efficiency. B. Usolntsev, I. Shekhtman. Sil'. bud. 16 no. 1 13-15 Ja '66.

658(471, 310)—Moscow City
Contributions of the "Krasnyi Proletarii" workers' newspaper jubilee. V. Ermilov. Mat.-tekhn. snabzh. 2 no. 6 64-43 Je '67.

658(471, 324)—Voronezh Province
Pledges are fulfilled, but the competition continues. N. Kuznetsov. Sov. profsoyuz. 21 no. 21 8-9 N '67.

658(474, 3)—Latvian S. S. R.
Segal, L. S. [Mechanization and automation of average operations at the spare-part warehouse of the "Latvian" "Latviesli'khoztehnika" base] Mekhanizatsiya i avtomatizatsiya skladskikh rabot na sklade zapasnykh chastei respublikanskoi bazy "Latviesli'khoztehnika" Riga, 1966 21 p

658(476)—White Russian S. S. R.
Great activity. S. Solov'ev. NTO 9 no. 12 16-17 D '67.

658(477)—Ukrainian S. S. R.
Glorious deeds of Berdyansk tolliers. P. P. Lyayev. Mashinostroi'tel' no. 1 10-12 Ja '68.
In struggle for high efficiency in industry. M. V. V. V. zhskii. Komm. Ukr. 42 no. 8 47-53 Ag '67.
Indices of the progressiveness of norms for the production of materials in the coal industry. K. R. . . Mat.-tekhn. snabzh. 2 no. 6 34-38 Je '67.
Specialization and cooperation of enterprises. I. G. . . L. Solotnik. Mat.-tekhn. snabzh. 2 no. 6 81-85 Je '67.
Using the network planning and management systems in national economic planning. O. I. Mel'nikova, P. Kuznetsov, V. Protov. Ekon. Rad. Ukr. 9 no. 12 81-85 D '66.

658(575, 1)—Uzbek S. S. R.
There was no frank discussion. A. Vyrpyshev. VTO 9 no. 12 14-15 D '67.

658.1 FORMS OF BUSINESS ENTERPRISE FINANCES
Business accounting. V. G. Pankratov. Sred. spets. obr. 14 no. 8 34-39 Ag '67.
Economic effectiveness of the new technology in the baking industry. P. I. Shupakovych. Khim. prom. 12 54-55 Mi-Ap '66.
Legal problems of commercial accounting relating to economic reform. I. A. Tanchuk. Uch. zap. V'zhn. no. 10 20-10 '67.
New rules in financing capital construction. I. I. V. . . Sil'. bud. no. 3 22-23 Mr '66.

658, 1(471, 232)—Leningrad City
Determine the structure and rights of the trade union committee of the firm. A. Shchegolev. Sov. prof. soyuzy 21 no. 21 9-10 N '67.

658.2 ESTABLISHMENTS, WORKS, PLANTS AND EQUIPMENT
Algorithm for solving a problem in optimum planning for equipment. L. M. Abramov, V. G. Galov, P. A. Gorkova. Pim. nat. v ekon. no. 1 10-20 '67.
Concerning the article "More attention must be given to repair operations." I. I. Tobis. Prom. energ. 22 no. 11 20-30 N '67.
Determining the capital yield index. A. I. V. . . V. T. Folts. Trudy Ural. polit. tekhn. inst. no. 161 33-34 '67.
Expenditures for the new equipment and methods of reimbursing them. K. Kedrova. Vop. ekon. 1 152-155 F '66.
More attention must be given to repair operations. I. I. Shufman. Prom. energ. 22 no. 11 27-30 N '67.
New developments in intraplant transportation. P. P. Taratenko. Metallurg. 12 no. 5 37-38 My '67.
Prospects for the use of heat pumps for increasing the effectiveness of heat utilization of low-temperature sources. L. M. Rozenfeld, G. S. Seidakov. Khim. i nef. mashinost. no. 1 16-21 Ja '68.

658, 2(431)—German Democratic Republic
Characteristics of the renewal of capital assets in the Federal Republic of Germany. V. Tsema. Nauka i vyz. shkoly, ekon. nauki 10 no. 12 55-61 '67.

658, 2(471, 333)—Bryansk Province
The Petrovskii Metallurgical Plant is 80 years old. K. I. Kotov. Metallurg. 12 no. 4 5-8 Ap '67.

658.3 PERSONNEL. HUMAN RELATIONS
Conditions of the five-day week. F. V. Shveta, V. I. Zhatenko, I. A. Bondarenko. Gor. zhur. 141 no. 1 13-15 Ja '68.
Distribution of worker-brigade wages. I. I. Ilyayev. Mias. ind. SSSR 38 no. 11 23-26 N '67.
For the good of Soviet people. Mashinostroi'tel' no. 1 1 N '67.

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- Uniform standards for quotas (hours) of geodetic and topographic works] Edinye normy vyrabotki (vremenii) na geodezicheskie i topograficheskie raboty Moskva, "Nedra" 1967
- Ch 1 [Field works] Polevye raboty. 1966 192 p
- The use of mathematical methods in establishing norms for the working capital by materials at machine tools plants A P Gritsat Izv. vys. ucheb. zva. mashinostri no 9 169-175 '67
- Utilization of the production capacity in breweries N V. Voinova Khim. prom. no 6 32-23 N-D '67
- Variants of the reorganization of the Volter No 1/2 Mine and the Sverdlov No 11 Mine G. G. Diagal' and others. Ugol' Ukr. II no 12 11-43 D '67
- Vial'tsev, M. M. [Increasing the durability of a concrete lining of vertical shafts and its economic efficiency, lectures delivered at higher economic courses for managerial personnel of the coal industry] Povyshenie dolgoveshnosti betonnoi krepki vertikal'nykh shvotov i ee ekonomicheskaya effektivnost', tekst lektsii, prochnit' na vysshikh ekonomicheskikh kursakh ruvodiashtsikh rabotnikov ugol'noi promyshlennosti. Shakhty, 1967 35 p
- Ways to decrease labor expenditure for products of the meat processing enterprises M M Babash Khim. prom. no 6 7-9 N-D '67
- Ways to increase the economic effectiveness of the production of "sugared cranberry" candies on ShLK lines. N F. Fedchuk Khim. prom. no 6 16-19 N-D '67
- Work under new planning and economic incentive conditions V. V. Iurymenko Khim. prom. no 6 3-5 N-D '67
- A year of work according to new methods. Part. zhizn' no 3 66 7 '68
- 658.5(471.310)—Moscow City
- Teach personal responsibility T Khil'ko Sov. profsoyuz 23 no 24 6-8 D '67
- 658.5(471.311)—Moscow Province
- Becoming an engineer V. Vorob'ev, I. Protsenko Part. zhizn' no 2 17-19 Ja '68
- 658.5(471.312)—Tula Province
- Modernizing shelf tunnel cars. P. I. Pilyanov, S. V. Mat. 13 no 9 21-22 S '67
- 658.5(471.41)—Tatai A. S. S. R.
- On the work of the "Pervomaiuburo" Trust according to the new system of planning and managing S M. Danilovskiy, A. F. Neiman, S. G. Plot' Ekon. nefe. doh. prom. no 12 11-15 '67
- 658.5(471.6)—Ural regions
- Analysis of the factors influencing the use of capital assets in nonferrous metal enterprises, and their quantitative evaluation A. Kh. Benini, L. A. Sazhina Trudy Ural politekh. inst. no 101 27-32 '67
- Technological factors in combining and increasing labor productivity in ferrous metallurgy L. A. Borisova Trudy Ural politekh. inst. no 101 115-116 '67
- 658.5(471.52)—Bashkir A. S. S. R.
- Application of the correlation methods of analysis in establishing norms for the expenditure of the "Nek" demulsifier A. A. Blazhevich, E. M. Sergeeva Ekon. nefe. doh. prom. no 12 24-27 '67
- 658.5(471.54)—Sverdlovsk Province
- Structure and means of reducing the expenditure of materials in the chemical industries. I. K. Koroleva, M. G. Shirin Trudy Ural politekh. inst. no 101 44-48 '67
- 658.5(471.55)—Chelyabinsk Province
- High road toward economy I. A. Karpov Sov. profsoyuz 23 no 24 13-14 D '67
- 658.5(471.67)—Daghestan A. S. S. R.
- Chemicalization of machinery industry production as one of the trends in speeding up technological progress A. P. Veverits Probl. raz. ekon. Dag. no 5 11-24 '67
- Influence of the degree of the loading of equipment on its efficiency. B. P. Babich Probl. raz. ekon. Dag. no 5 25-26 '67
- Reducing seasonal features in the work of canning industry enterprises is an important potential for increasing production and improving the use of production funds. S. M. Suleimanov Probl. raz. ekon. Dag. no 5 72-105 '67
- 658.5(476)—White Russian S. S. R.
- Calculating the discharge of mazut by aggregates. O. I. Staver and others. TSement 33 no 6 19 N-D '67
- The plant, the export, and the economic reform. G. Eversman, Vnesh. torg. 48 no 1 41-43 '68
- Planning for drilling for oil and gas M. I. Batanovskiy Ekon. nefe. doh. prom. no 9 11-15 '67
- Problems of developing branch and group norms H. Manturov, T. Selivanova Ekon. Rad. Ukr. 9 no 12 32-39 D '66
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- Suggestions of the efficiency promoters of the Ukrainskaya Motor Transport Office M. P. Vaschukhin Stro. trubo. prov. 12 no 9 32-33 S '67
- Trend of increased effectiveness in the production and processing of the supplies of smelter seeds in the Ukrainian S. S. R. O. M. Sytnychevskiy, L. M. Dolhyi. Khim. prom. no 6 13-16 N-D '67
- Work of the plant under the new conditions A. Berhin, V. Miednykov Ekon. Rad. Ukr. 10 no 10 30-32 11 '67
- 658.5(479.25)—Armenian S. S. R.
- Improving the use of the capital assets in the Kadzharan Oil Dressing Plant R. L. Agababian Trudy Ural politekh. inst. no 101 39-43 '67
- 658.5(574)—Kazakh S. S. R.
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- Prerequisites of regular production flow A. Vishbein Ekon. zhizn' no 11 52-59 '67
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- 658.5(73)—United States of America
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- 658.587 UTILIZATION AND CONTROL OF WASTE, SCRAP, OLD MATERIAL
- Use of chrome leather wastes for the production of shoes. A. M. Kuz'min Kozh. -obuv. prom. 8 no 9 20-10 5 '66
- Waste trap V. Efimov, Tyl. i snab. Sov. Vost. Sib. 26 no 1 83-84 Ja '66
- 658.7 BUYING, PROCURING AND MANAGEMENT OF STOCK
- Analysis of the managerial operation of supply and sales organizations. E. Pen'kov. Mat. -tekh. snabzh. 2 no 6 72-78 Je '67
- Forms of ordering rolled metal, and production costs I. Potapov Mat. -tekh. snabzh. 2 no 6 30-33 Je '67
- Improve the system for leather shoes grading. D. A. Tseitlin Kozh. -obuv. prom. 8 no 5 12-13 My '68
- Romanchenko, V. N., G. N. Romanchenko, and K. A. Sal-gus. [Lining materials and storehouse management, handbook] Krepzhyvo materialy i skladscoe khozjainstvo; spravochnik. Moskva, "Nedra," 1967. 308 p.
- Some problems of distributing stocks of equipment and materials K. G. Obova, B. Miteiman Mat. -tekh. snabzh. 2 no 6 1-7 Je '67
- Ten years of work according to the territorial principle, from the practice of the Main Supply and Marketing Organization of the R. S. F. S. R. K. Bolvoinov Mat. -tekh. snabzh. 2 no 6 8-17 Je '67
- Warehouse equipment. A. G. Lysakov. Mashinostri otdel' no 1 35-38 Ja '68
- 658.7(471.232)—Leningrad City
- Improve the system of business accounting and material incentives. V. Vladimirov, V. Sokolova, I. A. Fridman Mat. -tekh. snabzh. 2 no 6 64-66 Je '67
- 658.7(471.310)—Moscow City
- Reliable person B. Maksimova. Mat. -tekh. snabzh. 2 no 6 79-81 Je '67
- 658.7(474.5)—Lithuanian S. S. R.
- Improve planning for procurement J. Stankevicius, Mat. -tekh. snabzh. 2 no 6 25-29 Je '67
- 658.7(477)—Ukrainian S. S. R.
- Economic analysis of the stocks of equipment and materials in enterprises. I. Rabinovich Mat. -tekh. snabzh. 2 no 6 67-71 Je '67
- Supply offices under the conditions of the economic reform. G. Il'chenko. Mat. -tekh. snabzh. 2 no 6 85 Je '67
- 658.7(478)—Moldavian S. S. R.
- In search of potentialities. A. Kovalenko. Mat. -tekh. snabzh. 2 no 6 50-53 Je '67
- 658.8 MARKETING, SELLING, DISTRIBUTION
- Components of the plan for the marketing of products. V. Pankratov. Sov. profsoyuz 23 no 21 37-38 N '67
- Decisions of arbitration agencies. Sov. iust. 31 no 15; 20, 26 Ag '67
- Economic reform and the legal regulation of delivery of goods R. O. Khalifin Uch. zap. VNIISZ no 10 54-65 '67
- On the problem of transit deliveries G. Sretenko Mat. -tekh. snabzh. 2 no 6 18-24 Je '67
- Practical implementation of the instructions on recording and verifying the number of delivered goods I. Rukosuev Sov. iust. 31 no 16 20-21 Ag '67
- Piece hire in the delivery of goods and merchandise. L. Verin. Sov. iust. 31 no 15 17-18 Ag '67
- Quality and adequate assortment in the delivery of goods contracts K. Gornichev Sov. iust. no 17 21-22 S '67
- Responsibility of suppliers for the incomplete delivery of lumber M. Rovinskii Sov. iust. no 24 22-23 D '67
- 658.8(471.6)—Northern Caucasus
- Sales of consumer's supplies and control over their deliveries I. Belolivan Mat. -tekh. snabzh. 2 ro 6 47-52 Je '67
- 658.8(73)—United States of America
- Quality of goods and modern monopoly competition A. Miletovskiy, V. Shemiatenkov Vop. ekon. no 1 82-92 Ja '68
- 659 PUBLICITY, INFORMATION
- Congratulations! NTO 9 no 12 18-19 D '67
- A firm's publications IU Yumakov, M. Kurshayev, V. Kukushkin. Vnesh. torg. 48 no 1 32-51 '68
- Militant art of posters. R. Kirukov. Iskusstvo 30 no 11, 22-31 '67
- 66 CHEMICAL INDUSTRY, CHEMICAL TECHNOLOGY
- Carriers of anniversary banners I. I. Galadik Khim. prom. Ukr. no 6 2-6 '67
- Conference in the Ukraine on the "Effectiveness of new technology in the chemical industry of the Ukrainian S. S. R. and ways leading to its development" V. V. Nemtsov, K. I. Ledorov Khim. prom. Ukr. no 6 34-39 '67
- In the All-Union Scientific Research Institute of the Gas Industry T. Orbitskaya Gaz. prom. 12 no 12 40 11 D '67
- Incorporating radioisotope technology into the chemical industry G. N. P'fankov, A. P. Mel'eshevich Khim. prom. Ukr. no 6 56-57 '67
- Rygalov, V. A. [General plans of chemical enterprises] General'nye plany priedpriyatii khimii Moskva, Stroiizdat, 1967. 155 p
- Scientific and technological conference on the use of physicochemical methods in the chemical industry. I. Orient. Zav. lab. 3 no 6 780-793 '67
- Soviet exposition at the international exhibition "Chemistry in Industry, Construction Work, and Agriculture" I. F. Shekhpulin Khim. i nefe. mashinostri no 11 1-5 N '67
- State of the introduction of radioisotopic devices into the chemical, petroleum refining, and petrochemical industries. V. M. Kluchnikov Izot. v SSSR no 5 3 5 '68
- 66(471.5)—Ural regions
- Efficiency of territorial specialization in the chemical industry of the Ural G. T. Vagin, IU N. Zinov'ev Trudy Ural politekh. inst. no 101 5-8 '67
- 66(471.54)—Sverdlovsk Province
- Structure and means of reducing the expenditure of materials in the chemical industries. I. K. Koroleva, M. G. Shirin Trudy Ural politekh. inst. no 101 41-48 '67
- 66(477)—Ukrainian S. S. R.
- The chemical industry of the republic in the jubilee year I. Lozanov Ekon. Rad. Ukr. 10 no 7 8-13 31 '67
- 66(574)—Kazakh S. S. R.
- Giving abundance. A. Aleshin, Nar. khoz. Kazakh. 25 no 11 35-37 N '67
- 66(575.1)—Uzbek S. S. R.
- This was the beginning of the chemical industry B. Bezukov Ekon. zhizn' 9 no 10 41-46 '67
- 660 CHEMICAL ENGINEERING
- Acid and fermentative hydrolysis of corn starch. V. A. Iakovenko, N. V. Romenskii, L. V. Masenko. Izv. vys. ucheb. zav., pishch. tekhn. no 6 20-22 '67
- Acid-resistant and wear-resistant stone casting on a base of titanium containing blast-furnace slag IU. D. Kruchinin and others. Izv. vys. ucheb. zav. khim. i khim. tekhn. 10 no 10 1150-1153 '67
- Advantages of drying charges as compared to the drying of a flotation concentrate V. D. Semenko and others. Koks i khim. no 1 7-8 '68

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54. J. **Protecting semi-automatic welding in a protective atmosphere** of carbon dioxide gas for welding together pipes with steel sheets. V. N. Pozdnev. Khim. i nef. mashinost. no. 11-12-43 N '65.
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54. J. **Distilling units with one full and one distillation column** for separating mixtures of partially soluble substances. P. A. Kiselev, E. I. Kodymov. Izv. vyz. ucheb. zav., no. 8-9-57-60 '65.
54. J. **Catalytic activity of acid aluminosilicates in polymeriza-** tion of styrene. T. A. Kuzmitsyna, I. K. Ostrovskaia. Vysokom. soed. Ser. A 9 no. 11-2510-2514 N '67.
54. J. **Catalytic isomerization of head fractions of direct distil-** lation gasoline. N. R. Burdian, G. N. Maslanskii, N. K. V. I. Khina. Khim. i tekhn. topl. i masel 10 no. 6, 1-1 '65.
54. J. **Calcination of alkali-siliceous solutions. Part 1: Cal-** cination of alkali-siliceous solution by calcined alumina. G. G. Martirosian, G. O. Grigorian. Arm. khim. zhur. 10 no. 9-751-762 '67.
54. J. **Chain transfer reactions during polymerization of ethyl-** ene on chromium oxide catalyst. L. P. Ivanov, I. U. I. Ermakov, A. L. Gel'bshteyn. Vysokom. soed. Ser. A 9 no. 11-2422-2425 N '67.
54. J. **[Chemical and refrigeration machinery manufacture]** Ref. zhur. Khim. i khim. mashinost. no. 12(47), Dec. 1957.
54. J. **Chemical transformations of coals in electric gas dis-** charges. S. A. Slobodskoi. Khim. i nef. mashinost. no. 6:158-160 N-D '67.
54. J. **Circulation in the process of cooking is the main factor** for the improvement of the quality of alcohol. F. A. Krasnovskiy, I. A. K. Tritskiy, V. M. Vecherskiy. Zhur. prikl. khim. no. 2-17-18 Mr-Apr '66.
54. J. **Comparative evaluation of the effectiveness of bubbling** devices of apparatuses with immersion burners. A. N. Al'stolskiy, V. T. Rogova. Khim. prom. Uki no. 6-12-33 '67.
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54. J. **Copolymerization of polybutadiene rubbers with styrene.** N. V. Galenko, V. B. Zorina, A. M. Komashko. Plast. massy no. 10-6-8 '67.
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54. J. **Correlation of evaluation of refraction of styrene deriva-** tives with Q-parameters of Alfrey-Price. B. A. Zaitsev. Vysokom. soed. Ser. A 9 no. 11-2343-2347 N '67.
54. J. **Corrosion testing of chromium-tin alloy in milk media.** A. V. Zemtsov, N. P. Chernysheva, V. G. Pionuk, Izv. vyz. ucheb. zav., pishch. tekhn. no. 6-26-27 '67.
54. J. **Defining the coefficients of the mathematical model of an** industrial fractionating column based on mathematical methods of experiment planning. G. N. Tverdokhlebov, E. G. Antipova, V. D. Dubko. Khim. prom. Ukr. no. 6-36-39 '67.
54. J. **Determination of mass transfer coefficients in a continu-** ous phase for liquid-liquid systems in flow mixer. S. Z. Kagan, I. N. Kovalev, V. I. Il'in. Zhur. prikl. khim. 40 no. 11-2478-2481 N '67.
54. J. **Determination of relative activity of monomers in copoly-** merization of vinyl chloride with acrylic and methacrylic acids. A. G. Kromann and others. Vysokom. soed. Ser. A 9 no. 11-2503-2509 N '67.
54. J. **Development of vibration combustion in ovens with panel** burners. R. M. Shevchuk. Khim. i tekhn. topl. i masel 10 no. 6:44-46 Ja '65.
54. J. **Drying of alcohol enzyme deposits in tray-type vacuum-** apparatuses. K. A. Kalunina, M. V. Gernol. Form. i spirit. prom. 32 no. 4-28-30 '66.
54. J. **Effect of additional heat treatment and introduction of** fillers on the strength of a solvent naphtha varnish coating. V. V. Tuturina, V. P. Katanaeva. Trudy IPI no. 27:28-31 '65.
54. J. **Effect of admixtures on ethylene polymerization on chro-** mium oxide catalysts. B. G. Fedotov and others. Plast. massy no. 10-9-12 '67.
54. J. **Effect of some design characteristics on the performance** of the fine screen of the hard shell-and-tube heat exchanger. L. I. Mamon, R. I. Lekht, A. L. Potashnikov. Khim. prom. Ukr. no. 6-28-30 '67.
54. J. **Effect of tertiary butyl peroxide on the synthesis of shock-** resistant polystyrene. S. S. Ivanchev and others. Plast. massy no. 10-12-16 '67.
54. J. **Effect of the transferred substance and direction of mass** transfer on the retention capacity and height of transfer unit in an inclined pulsation extractor. F. S. Bolotnikov, P. G. Romanov. Zhur. prikl. khim. 40 no. 11-2602-2605 N '67.
54. J. **Effect of turbulence on the character of changes in heat** flow in the hearth of an open-hearth furnace. S. N. Gashchuk and others. Izv. vyz. ucheb. zav., Chern. met. 10 no. 12-144-146 '67.
54. J. **Effect of ultrasonic treatment on the mobility of** causticobalt nitrogen. V. I. Tretinnik, A. S. Nozdrov, F. P. Ovcharenko. Khim. prom. Ukr. no. 6-7-8 '67.
54. J. **Electric heating of floors made from polymer cement** concrete with furyl aniline resin. V. E. Leirikh, I. T. Antonova, V. I. Gendin. Strol. mat. 13 no. 8-31-33 Ag '67.
54. J. **Formation of a surface layer and its effect on the process** kinetics in the absorption of carbon dioxide by solutions of organic bases. I. I. Lyckhin. Zhur. prikl. khim. 40 N '67.
54. J. **Gas cutoff in steam boilers.** P. Raikonen. Fhar. prom. no. 6-52-53 N-D '67.
54. J. **Graphic method for determining the volume of a gas** storage reservoir. M. A. Valcician. Gaz. prom. 12 no. 12-17-19 D '67.
54. J. **Graphic determination of the efficiency of a drum vacuum** filter in relation to the speed of drum rotation. I. Rozki-dalek. Khim. i nef. mashinost. no. 4:3-5 Ap '65.
54. J. **Heat transfer in vacuum evaporators with forced circula-** tion in the course of concentrating industrial solutions of sodium sulfide from 50%-73%. I. U. S. Shmelev, I. V. I. Ostareva, F. I. Katsava. Khim. i nef. mashinost. no. 11-23-25 N '65.
54. J. **Hydrodynamic properties of ion exchangers in fluidization** of S. T. Chuev and others. Izv. vyz. ucheb. zav., khim. i khim. tekhn. 10 no. 10-1177-1180 '67.
54. J. **Hydrodynamic study of a scrubber with conical slitted** plates. S. F. Khokhlov, A. I. Ercmenko, T. N. Shukhin. Khim. i nef. mashinost. no. 4:23-27 Ap '65.
54. J. **Intensifying the drying process of three-dimensional** bathrooms. I. A. Plevskii, G. D. Nazarenko, S. F. Danchev. Strol. mat. 13 no. 9-9-12 S '67.
54. J. **Investigating heat emission during the condensation of** steam in a vertical pipe with packing. B. G. Borgo, T. A. Byshova, K. P. Beruzhnaia. Khim. i nef. mashinost. no. 4:27-29 Ap '65.
54. J. **Kinetics of cationic polymerization of trioxane in the** solid state. E. V. Prit, N. S. Enikolopian. Vysokom. soed. Ser. A 9 no. 11-2416-2420 N '67.
54. J. **Lining of coking doors and selection of its efficient** configuration. I. N. Peresadenko. Kok. i khim. no. 1-27-30 '68.
54. J. **Liquid-phase hydrogenation of organic compounds on** mixed ruthenium catalysts. Ruthenium-platinum cata-lysts. D. V. Sokol'skii and others. Dokl. AN SSSR 176 no. 5-1093-1095 O '67.
54. J. **Magnetism of "goroliki" D. I. Savrasov. Uch. zap.** NIIGA Reg. geol. no. 10-193-201 '67.
54. J. **Manufacturing units of chemical apparatuses for** polytrifluoroethylene. V. I. Ananov, V. V. Degtiarev, A. V. Gorinaeva. Khim. i nef. mashinost. no. 1-28-30 Ja '68.
54. J. **Mass transfer during the adsorption of dioxide gas on ac-** tivated carbon in a packed column. G. D. Kavetskiy, L. A. Akopian, A. N. Planovskii. Khim. i nef. mashinost. no. 4:23-25 Ap '65.
54. J. **Mechanism of cationic copolymerization.** A. A. Durgarian. Vysokom. soed. Ser. A 9 no. 11-2375-2382 N '67.
54. J. **Mechanism of radiation post-polymerization of trioxane** G. M. Ioffova and others. Vysokom. soed. Ser. A 9 no. 11-2321-2328 N '67.
54. J. **Mechanism of vinyl chloride polymerization under the** effect of the catalytic system $Ti(OC_2H_5)_4 - Al(C_2H_5)_2 - isobutyl Cl$. G. P. Budanova, V. V. Mazurek. Vysokom. soed. Ser. A 9 no. 11-2393-2400 N '67.
54. J. **Mechanization and automation of the process of painting** the products at the Gorkii Automobile Plant. A. K. Zhuravlev, N. D. Fedotov. Lakokras. mat. i khim. prom. no. 6-71-70 '67.
54. J. **Method and equipment for the redistribution of wetting** liquid in packed towers. A. G. Bol'shakov, G. G. Mikhailenko, A. V. Skolichenko. Khim. prom. Ukr. no. 6-22-23 '67.
54. J. **Method of calculating the process of rectification of** continuous mixtures. E. V. Vasimirov, D. D. Zvykov, V. I. Asukhov. Izv. vyz. ucheb. zav., nef. i gaz. 10 no. 6-61-65 '67.
54. J. **Methods and some results of the high-temperature rapid** coal pyrolysis. I. F. Bogdanov and others. Khim. i nef. mashinost. no. 6:80-92 N-D '67.
54. J. **Modification of adhesion behavior of synthetic fibers by** radiation grafting of fluorocopolymers. A. I. Kuzlenko, I. G. Nikulina, E. P. Danilov. Vysokom. soed. Ser. A 9 no. 11-2376-2380 N '67.
54. J. **Molecular weights in post-polymerization of trioxane.** G. M. Trofimova and others. Vysokom. soed. Ser. A 9 no. 11-2329-2334 N '67.
54. J. **Motion of a solid material in a fluid bed.** A. M. Gershstein, I. P. Mukhlenov. Zhur. prikl. khim. 40 no. 11-2169-2174 N '67.
54. J. **Nature of changes in the oxygen-containing functional** groups of Budagovo sapropelite and in its thermal plasticization products. V. V. Tuturina, R. I. Ivanova. Trudy IPI no. 27:8-13 '65.
54. J. **Outflow of elastic-plastic isotropic materials (pastes,** dyes, and pigments) from a vibrational feeder. E. O. Reger, P. G. Romanov, N. B. Reshkovskaya. Zhur. prikl. khim. 40 no. 11-2605-2608 N '67.
54. J. **Performance of a foamer at high gas pressures.** F. I. Taral, S. A. Bogatykh. Khim. i nef. mashinost. no. 4:18-20 Ap '65.
54. J. **Phosphorus-containing polymers based on hydroxymethyl-** phosphines and phenols. K. A. Petrov, V. A. Parshina, G. M. Petrova. Plast. massy no. 10-28-29 '67.
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54. J. **Polymerization of butadiene under the effect of butylcal-** cium iodide. E. I. Tinkova, E. Z. Elvazov, N. A. Smir-niagina. Vysokom. soed. Ser. A 9 no. 11-2407-2413 N '67.
54. J. **Polymerization of methyl methacrylate in the presence** of sulfur in photo- and chemical initiation. G. P. Gladyshev, G. V. Iepilam. Vysokom. soed. Ser. A 9 no. 11-2138-2141 N '67.
54. J. **Polyimides, the new heat-resistant polymers.** I. N. Vlasova, A. G. Chernova. Plast. massy no. 10-16-26 '67.
54. J. **Possibility of isomerization polymerization of some** styrene derivatives. N. D. Prishchepa and others. Vysokom. soed. Ser. A 9 no. 11-2126-2130 N '67.
54. J. **Possibility of using ultrasound for the purpose of obtain-** ing fat emulsion for intravenous introduction. Khim. i nef. mashinost. no. 7-55-56 Ji '67.
54. J. **Preliminary thermal oxidation of carbon-graphitic mate-** rials. L. N. Sheln and others. Khim. i nef. mashinost. no. 6:118-122 N-D '67.
54. J. **Problem of the moisture of charges.** N. G. Bocharov. Kok. i khim. no. 11-19-20 '68.
54. J. **Protecting heat exchanging apparatus of petrochemical** plants. K. A. Aliev. Averb. i nef. mashinost. no. 12-47-49 D '67.
54. J. **Purification of gas wastes in the production of polyester** and alkyl resins. A. V. Sakharov, V. V. Skornikov. Lakokras. mat. i khim. prom. no. 6-65-69 '67.
54. J. **Radiation-induced graft copolymerization of fluorocopol-** ymers on oriented polymer fibers. A. I. Kuzlenko, F. P. Danilov, V. I. Karpov. Vysokom. soed. Ser. A 9 no. 11-2362-2369 N '67.
54. J. **Rate of growth and kinetics of drying of urea granules** in a fluidized bed. V. N. Kiselev, V. I. Demshin, S. G. Shirokov. Izv. vyz. ucheb. zav., khim. i khim. tekhn. 10 no. 10-1172-1176 '67.
54. J. **Reaction apparatuses with induction heating.** E. D. Manusov, L. V. Papunova, P. A. Bulanov. Lakokras. mat. i khim. prom. no. 6-65-69 '67.
54. J. **Reinforcing openings in the walls of vessels and apparatus** operating under pressure. A. A. Lushchinskii. Khim. i nef. mashinost. no. 11-13-17 N '65.
54. J. **Removal of nickel, cobalt, iron, zinc, and copper micro-** impurities from magnesium sulfate solution by coprecipitation with magnesium hydroxide. V. I. Doroshkov, V. T. Chuyko. Izv. vyz. ucheb. zav., khim. i khim. tekhn. 10 no. 10-1087-1089 '67.
54. J. **Sequence of the process of disintegration of crystal** lattices of tantalumoxides and their relative chemical stability in the reaction with acids. A. S. Chernak, I. S. Perepelitsa. Zhur. neorg. khim. 13 no. 1-194-191 Ja '68.
54. J. **Some rules governing the grafting of styrene to polypro-** pylene films. A. S. Tavina and others. Vysokom. soed. Ser. A 9 no. 11-2473-2477 N '67.
54. J. **Study of distiller's wort separation during beer fractiona-** ting. P. A. Khasanovskii. Form. i spirit. prom. 32 no. 5-18-21 '65.
54. J. **Study of indole derivatives β -chloroethyl esters of** 1-nikyl-2-methyl-3-indolyl-propionic acids. S. M. Davtian, G. L. Papayan. Arm. khim. zhur. 20 no. 0-747-750 '67.
54. J. **Study of the filtration process of the filter-condenser** with vibration mixers functioning under pressure. N. S. Potunatov, V. I. Stetsenko. Khim. prom. Ukr. no. 6-31-35 '67.
54. J. **Suspension method of obtaining polystyrene with a high** molecular weight. E. N. Eremina and others. Plast. massy no. 10-3-8 '67.
54. J. **Synthesis of carbonyl compounds and acid-containing com-** pounds from CO and H₂ over iron-copper catalysts. V. P. Klevisova, I. B. Iaport, S. B. Vasilubskii.
54. J. **Synthesis of three-component shock-resistant graft** copolymers. E. N. Premina, G. L. Bezborodko, G. S. Kolesnikov. Vysokom. soed. Ser. A 9 no. 11-2450-2458 N '67.
54. J. **Testing potassium acrylate as an emulsifier in the** process of emulsion polymerization. S. D. Mekhtiev, Z. M. Ramazanov, S. V. Sapunkova. Izv. vyz. ucheb. zav., nef. i gaz. 8 no. 6-65-69 '65.
54. J. **Thermal plasticization of anionites of the Azey deposit.** V. V. Tuturina, O. P. Volkov. Trudy IPI no. 27:3-7 '66.
54. J. **Thermodynamic process during variable heat capacity and** emission of heat. I. U. V. Zakhrebetov. Teploenergetika 11 no. 12-48-51 D '67.
54. J. **Use of ultrasonic waves for the control of the production** of siloxane rubbers. L. I. Lifshits, A. V. Karlin, V. M. Trofimov. Kauch. i rez. 26 no. 10-17-19 '67.
54. J. **Using the method of limiting loads in calculating pipe** plates. A. I. Gogolev. Khim. i nef. mashinost. no. 4:5-10 Ap '67.
54. J. **Welding pipes to pipe plates.** V. N. Petrov. Khim. i nef. mashinost. no. 4:37-38 Ap '65.

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Results of the analysis of producing characteristics of the Gatchina storage reservoir. I. A. Charnyi and others. Gaz. prom. 12 no. 12-14-16 D '67.

66. 06 WORKING WITH LIQUIDS' HANDLING, TREATMENT

Composition of dehydration products of 1,1-cyclohexen-3-ol on different catalysts of acid nature in a fluidized bed. N. P. Emel'yanov, Z. N. Vasil'eva, I. U. G. Egiazarov. Dokl. AN BSSR no. 11-1007-1009 N '67.

Contact pressure in the modeling of network problems of the percolation theory using electrically conductive paper. Kh. G. Barkinkhova and others. Izv. vyz. ucheb. zav., nef. i gaz. 10 no. 9-69-70 '67.

- Determination of mass transfer coefficients in a continuous phase for liquid-liquid systems in a flow mixer. S. Z. Kagan, I. N. Koval, V. I. Ustin. *Zhur. prikl. khim.* 40 no. 11 2478-2481 N '67.
- Different methods of removing formic acid from the products of synthesis of trimethylolpropane. L. S. Genet, and others. *Zhur. prikl. khim.* 40 no. 11 2525-2531 N '67.
- Effect of the position of the interface level on the effectiveness of the process of refining oils by furfural. L. A. Gukhman, S. D. Muzoev, M. I. Ustin. *Izv. vys. ucheb. zav. nefi i gaz.* 8 no. 12 61-63 '65.
- Evaluating the participation of a stream of liquid steel on the process of its degasification of liquid steel. G. A. Sokolov, V. F. Zakharchuk. *Izv. vys. ucheb. zav., Chern. met.* 11 no. 1 30-12 '68.
- Problem of purification of substances by removing impurities slightly trapped by the solid phase during crystallization from solutions. G. I. Gershstein. *Zhur. prikl. khim.* 40 no. 11 2458-2461 N '67.
- 66.07 WORKING WITH GASES HANDLING, TREATMENT**
- Preparing gas for long-distance transportation in gas and gas condensate fields. V. I. Zaitsev. *Gaz. delo.* no. 11 32-36 '67.
- 66.09 SPECIAL CHEMICAL PROCESSES, TREATMENTS**
- Changes in the molecular weight distribution of polydimethylsiloxane elastomers in the course of anionic polymerization of octamethylcyclotrisiloxane. V. P. Davydova, Z. S. Lebedeva, I. A. Orlyanskii. *Vysokom. soed. Ser. A* 9 no. 10 2226-2230 O '67.
- Copolymerization of acetylenic monomers with azobenzene radicals as a method of synthesizing polyene-polyarylenes. I. U. G. Kizlachev and others. *Dokl. AN SSSR* 177 no. 4 816-848 D '67.
- Copolymerization of N-vinylindole with methyl methacrylate and methacrylic acid. M. F. Shostakovskii and others. *Vysokom. soed. Ser. A* 9 no. 10 2161-2164 O '67.
- Degradation of cellulose in hot alkali. I. U. V. Brezkin. *Zhur. prikl. khim.* 40 no. 11 2562-2567 N '67.
- Effect of butanol, acetaldehyde, and water on the polymerization of vinyl-n-butyl ether in the presence of the complex sulfuric acid-aluminum sulfate. A. M. Khomutov and others. *Vysokom. soed. Ser. A* 9 no. 10 2109-2113 O '67.
- Effect of oxidation inhibitors on the gas tightness of oils. N. G. Kalantar, V. I. Glazunov. *Izv. vys. ucheb. zav., nefi i gaz.* 8 no. 12 68-70 '65.
- Effect of titanium dioxide on the reduction of phosphorus pentoxide from apatite by carbon. B. P. Burylov, G. R. Borovik, N. V. Ushakov. *Izv. vys. ucheb. zav., khim. i khim. tekhn.* 10 no. 10 1136-1140 '67.
- Industry of the basic organic syntheses in the U.S.S.R. V. O. Reikhsfel'd. *Zhur. prikl. khim.* 40 no. 11 2373-2392 N '67.
- Kinetics of chloroprene polymerization initiated by tri-n-butylmagnesium iodide and butyllithium. I. G. Kravchenko, B. L. Kravchenko, V. V. Mazurek. *Vysokom. soed. Ser. A* 9 no. 10 2130-2135 O '67.
- Kinetics of esterification of trimethylolpropane with adipic sebacic acids in the course of formation of oligomeric ester acids. K. A. Andrianov, M. B. Fromberg, T. M. Belkina. *Vysokom. soed. Ser. A* 9 no. 10, 2250-2253 O '67.
- Migration polymerization of phenylphosphine with dicyanates and different compounds with two double bonds. A. N. Pudovik, M. A. Pudovik. *Vysokom. soed. Ser. A* 9 no. 10 2241-2245 O '67.
- Operational regime of the ejector of the overflow device of a multichamber apparatus with a fluid bed. N. I. Golubev, M. S. Zak. *Khim. i nefi mashinost.* no. 1 15-16 Ja '68.
- Oxidation can be performed in the field. V. Zhikh. *Tekh. i vooruzh.* no. 9 55-56 S '64.
- Oxidation of carbon dissolved in liquid iron by carbon dioxide in conditions of natural convection. F. N. Strel'tsov, N. N. Perevalov. *Izv. vys. ucheb. zav., Chern. met.* 10 no. 11 16-19 '67.
- Oxidation of the solid solution PbS-PbSe by oxygen. O. M. Zhitenova and others. *Trudy IPI* no. 27/103-114 '66.
- Oxidative degradation of polyvinyl alcohol by means of potassium bromate. I. S. Okhrimenko, G. A. Smirnov. *Zhur. prikl. khim.* 40 no. 11 2531-2535 N '67.
- Polymerization of diphenylbutadiene. A. A. Bertin and others. *Vysokom. soed. Ser. A* 9 no. 10 2219-2225 O '67.
- Polymerization of p-methacryloxybenzoic acid in the liquid state. I. U. B. Amerik, L. I. Konstantinov, B. A. Krentsef. *Vysokom. soed. Ser. A* 9 no. 10 2219-2225 O '67.
- Preparation of galacturonic acid from mucic acid using ion exchangers. T. K. Gaponovsk, K. I. Serdyukina. *Zhur. prikl. khim.* 40 no. 11 2608-2609 N '67.
- Problem of the mechanism and kinetics of liquid-phase thermal cracking. R. Z. Magaril. *Izv. vys. ucheb. zav., nefi i gaz.* 8 no. 12 55-59 '65.
- Products of ozonation of water humus in the Dnieper river. M. A. Shevchenko, P. N. Tarin. *Ukr. khim. zhur.* 32 no. 10/1132-1134 '66.
- Reaction orders of trioxane polymerization in solution. I. P. Kravchuk, N. S. Entikolopan. *Vysokom. soed. Ser. A* 9 no. 10 2114-2118 O '67.
- Regulatives in the copolymerization of butadiene with 2,4-dimethylstyrene under the effect of organolithium compounds. F. L. Volterstien and others. *Dokl. AN SSSR* 177 no. 5 1088-1090 D '67.
- Removal of hydrogen sulfide from hydrogen-containing gases in a fluidized bed of clinker. M. Altybaev, V. V. Strel'tsov. *Izv. vys. ucheb. zav. khim. i khim. tekhn.* 10 no. 10 1141-1144 '67.
- Study of chain transfer with termination on a model reaction of alkyl exchange between dimethoxy- and diethoxy-methane. L. A. Abramian and others. *Vysokom. soed. Ser. A* 9 no. 10 2105-2108 O '67.
- Study of copolymerization of divinyl adipate with methyl acrylate by the polarographic method. A. M. Shur, M. M. Filimonova, B. F. Filimonov. *Vysokom. soed. Ser. A* 9 no. 10 2193-2197 O '67.
- Study of the kinetics of emulsion polymerization of 2,3-dimethylbutadiene. R. Zaitel'man, G. D. Berezhno. *Izv. vys. ucheb. zav. khim. i khim. tekhn.* 10 no. 10 1157-1160 '67.
- Studying the catalytic activity of chromia-alumina catalysts during reaction of the dehydrogenation of isopentane depending on the quantity of chromic oxide. H. A. Dadashev, A. A. Sarydzhanov, G. G. Alamedov. *Azerb. nefi khoz.* 46 no. 12 35-36 D '67.
- Synthesis of initial products for the manufacture of heat-resistant polymers (chloromethylation of diphenyl oxide). E. P. Tepenitsyna, M. I. Fainerov, A. P. Ivanovskii. *Zhur. prikl. khim.* 40 no. 11 2540-2546 N '67.
- Temperature dependence of initiated polymerization of vinyl acetate. F. Tudos, T. Boeznykh-Foldes, M. Simonyi. *Vysokom. soed. Ser. A* 9 no. 10 2284-2293 O '67.
- 66.1 SPECIAL CHEMICAL INDUSTRIES, FINE CHEMICALS**
- Adsorptional interaction of surface-active agents and polymers with titanium dioxide. S. N. Tolstina and others. *Lakotras mat. i kh. prom.* no. 6 8-11 '67.
- Cauticization of alkali-siliceous solutions. Part 4. Cauticization of alkali-siliceous solution by calcined dolomite. G. G. Mariziosian, G. O. Grigorian. *Arm. khim. zhur.* 20 no. 9 751-752 '67.
- Development of new binding materials of the silicate-hydrogarnet type. V. A. Tikhonov. *Ukr. khim. zhur.* 32 no. 10 1127-1131 '66.
- Hydrodynamic properties of ion exchangers in fluidization. I. S. Tushkevich and others. *Izv. vys. ucheb. zav., khim. i khim. tekhn.* 10 no. 10 1177-1180 '67.
- Hydrolysis of Me-form of cation exchangers. R. M. Holovaty, V. V. Oshchepova. *Vys. Vses. khim. un. Ser. khim.* no. 9 45-49 '67.
- Hydrolysis of methyl formate on KU-2 ion exchange resin. M. P. Vysotskii and others. *Zhur. prikl. khim.* 40 no. 11 2552-2555 N '67.
- Interaction of coal alkali reagents with chromates. I. A. Shiotina, K. F. Paus. *Izv. vys. ucheb. zav., nefi i gaz.* 8 no. 12 36-38 '67.
- Li⁺ and K⁺ ion exchange in aqueous-acetone medium on KU-1 resin in Ca-form. A. A. Morozov, V. E. Poladian, E. I. Palunina. *Ukr. khim. zhur.* 32 no. 10 1056-1060 '66.
- Measurement of moisture in granular materials by the ultra-high frequency method. P. R. Ismatullaev and others. *Izv. vys. ucheb. zav., pishch. tekhn.* no. 6 133-136 '67.
- Metal dephosphorization by means of injecting powdered sorbents with a flow of oxygen. G. I. Simonov, L. K. Kosyrev, V. S. Laktionov. *Izv. vys. ucheb. zav., Chern. met.* 11 no. 1 58-61 '68.
- Nuclear magnetic resonance method of studying the kinetics of hydrogen exchange between tert-butyl hydroperoxide and water. A. I. Brodskii, I. F. Franchuk, V. I. Oshkaderov. *Dokl. AN SSSR* 177 no. 4 873-875 D '67.
- Processing of water-alcohol solutions with powdered activated carbon. V. A. Smirnov and others. *Perm. i spl. prom.* 32 no. 5 10-14 '66.
- Role of permeability in outer-diffusion kinetics of ion exchange. I. U. I. Khramtsov, N. I. Nikolayev. *Zhur. fiz. khim.* 41 no. 9 2295-2298 S '67.
- Selective properties of weak acid cation exchangers. Part 3. Selective interchange of ions between alkaline metals and ammonium. V. S. Soldatov, M. S. Beepalov, L. V. Novitskaya. *Zhur. fiz. khim.* 41 no. 9 2210-2213 S '67.
- Selective properties of weak acid cation exchangers. Part 4. Equilibria which set in upon contact of phosphate cations with aqueous solutions. V. S. Soldatov, G. S. Manenok. *Zhur. fiz. khim.* 41 no. 9 2214-2218 S '67.
- Study of the porous structure of silica gels obtained from concentrated sol of silicic acid. V. K. Dobuskin and others. *Zhur. prikl. khim.* 40 no. 11 2443-2448 N '67.
- Study of the strength properties of filled polymethylphenylsiloxane K-47 varnish. V. I. Krugitskaya, A. A. Pashchenko. *Khim. prom. Ukr.* no. 6 24-25 '67.
- Transportation of activated granular carbon. I. A. O. Kravets, Khar. prom. no. 6 48-49 N-D '67.
- Ultimate vacuum resulting from the adsorption of air on activated carbon cooled by liquid nitrogen. B. G. Lazarev, A. L. Donde, V. I. Sharonov. *Prib. i tekhn. eksp.* no. 2 220-221 Mr-Ap '67.
- 66.2 SULFUR AND COMPOUNDS**
- Dybina, P. V., A. S. Solov'eva, and I. I. Vinkovskii. [Calculations in the technology of inorganic substances.] *Rascheti po tekhnologii neorganicheskikh substantii.* Pod obshch. red. P. V. Dybina. Moskva, "Vyssh. shkola," 1967. 522 p.
- Peculiarities of the behavior of sulfur in blast furnace smelting processes during the blowing in of a blast furnace. S. M. Narlov, I. M. Golemin. *Metallurg.* 12 no. 4 7-9 Ap '67.
- Reduction of sulfuric anhydride by potassium metal. G. B. Shakhmatkinskii, A. I. Gulev, G. A. Andrianov. *Azerb. nefi khoz.* 46 no. 12 10-12 '67.
- Results of experimental-industrial testing of the effect of thermal cracking kerosene by sulfuric acid on the production of the AzN-7 additive in a combustion unit. A. M. Kuliev and others. *Azerb. nefi khoz.* 46 no. 12 39-40 D '67.
- 66.5 NITROGEN COMPOUNDS**
- Dybina, P. V., A. S. Solov'eva, and I. I. Vinkovskii. [Calculations in the technology of inorganic substances.] *Rascheti po tekhnologii neorganicheskikh substantii.* Pod obshch. red. P. V. Dybina. Moskva, "Vyssh. shkola," 1967. 522 p.
- Effect of nitrous bases on aluminum silicate catalysts in cracking. G. M. Panchenkov, M. P. Lavintsev, M. A. Tanatarov. *Izv. vys. ucheb. zav., nefi i gaz.* 8 no. 12 61-63 '65.
- Interaction of powellite and schoelite with nitric acid. V. L. Parkhomskii. *Obog. i ud.* 12 no. 3 20-21 '67.
- Study of ammonia conversion under industrial conditions. M. M. Karayev, V. A. Iakovlev, I. M. Golemin. *Zhur. khim. zhur.* 32 no. 10 1135-1136 '66.
- 66.6 VARIOUS NONMETALS AND COMPOUNDS**
- Effect of titanium dioxide on the reduction of phosphorus pentoxide from apatite by carbon. B. P. Burylov, G. R. Borovik, N. V. Ushakov. *Izv. vys. ucheb. zav., khim. i khim. tekhn.* 10 no. 10 1136-1140 '67.
- Identification of molybdenum and tungsten compounds by X-ray diffractometry. M. A. Neofitin. *Zhur. fiz. khim.* 41 no. 11 2336-2339 N '67.
- Indium phosphates. E. N. Delechan and others. *Zhur. neorg. khim.* 13 no. 1 47-49 Ja '68.
- Reaction of boric and lactic acids in aqueous solution. V. G. Kalacheva, N. A. Karazhanov. *Zhur. neorg. khim.* 13 no. 1 207-208 Ja '68.
- Reducing the harmful effect of sodium chlorides on the flotation of apatite-nepheline ores. G. N. Stetsko and others. *Obog. i ud.* 12 no. 3 13-14 '67.
- 66.7 ORGANIC SUBSTANCES**
- Acrylate carboxyl containing copolymer as a binder for color coatings for leather. M. Z. Shakhmatkinskii and others. *Kozh.-obuv. prom.* 8 no. 9 20-21 '67.
- Asymmetrical diamides of O-pentachlorophenylphosphoric acid. D. Kh. Armutkhanova, L. V. Bogdanova. *Izv. AN SSSR. Ser. khim.* no. 12 2741-2741 N '67.
- Calculating contact and differential condensation of multicomponent hydrocarbon mixtures. G. N. Stetsko and others. *Izv. vys. ucheb. zav., nefi i gaz.* 8 no. 12 15-16 '65.
- Catalytic activity of tertiary amines during the polymerization of epoxy compounds. M. F. Sorokin and others. *Lakotras mat. i kh. prom.* no. 6 4-7 '67.
- Degradation of cellulose in hot alkali. I. U. V. Brezkin. *Zhur. prikl. khim.* 40 no. 11 2562-2567 N '67.
- Determination of the isoelectric point of polyacrylic acid. L. D. Bobrovnik, G. P. Volynskii. *Izv. vys. ucheb. zav., pishch. tekhn.* no. 6 28-30 '67.
- Dielectric relaxation of cyanoethylacrylate in the vitreous state. G. P. Mikhailov, A. I. Armutkhanov, L. V. Borisova. *Vysokom. soed. Ser. A* 9 no. 11 2491-2494 N '67.
- Experimental determination of thermal conductivity of alkyl-(aryl)-chlorosilanes. D. L. Timofeev, V. F. Kostov, V. E. Liusternik. *Teplotfiz. vyz. temp.* 5 no. 9 926-928 S-O '67.
- Industry of the basic organic synthesis in the U.S.S.R. V. O. Reikhsfel'd. *Zhur. prikl. khim.* 40 no. 11 2373-2392 N '67.
- New luminescent indices for the determination of saccharides. I. U. M. Zhorov and others. *Izv. vys. ucheb. zav., pishch. tekhn.* no. 6 28-30 '67.
- Organoboron compounds. Synthesis of B-diphenylphosphine capto-N-trialkylborazoles. B. M. Mikhailov, L. V. Borisov. *Dokl. AN SSSR* 176 no. 5 1078-1081 D '67.
- Production of feryocene in a pilot plant. V. I. Mal'kov, N. P. Paltayev, E. M. Piskunova. *Zhur. prikl. khim.* 40 no. 11 2574-2576 N '67.
- Radical scheme of the mechanism of action of antioxidants of the carboxylic acid type in homogeneous catalysis. P. R. Bonchev, A. A. Alekseev. *Ukr. khim. zhur.* 32 no. 10/1044-1047 '66.
- Rate of growth and kinetics of drying of urea granules in a fluidized bed. V. N. Kisel'mikov, V. I. Denisov, V. V. Shirokov. *Izv. vys. ucheb. zav., khim. i khim. tekhn.* 10 no. 10 1172-1176 '67.
- Relation of Verticillium dahliae Kleb. to pectin substances and cellulose as a source of carbon for its growth. G. A. Gubanov, N. G. Gubanov. *Nauch. dokl. vuzov.* 10 no. 11/76-79 '67.

661.7 (Continued)

- Adsorption of alkylthioalkyl phosphates on aluminum oxide. A. N. Beresnev and others. Zhur. prikl. khim. 41 no. 11 2521-2525 N '67.
- Analysis and transformations of unsaturated organosilicon compounds. I. A. Shikhiev, R. U. Gaganova, B. M. Chisradze. Dokl. AN SSSR 177 no. 5 118-119 D '67.
- Analysis of cyclohexanone peroxides. V. I. Altonovskii, A. F. Nestorov, O. K. Lashenko. Zhur. prikl. khim. 40 no. 11 2555-2561 N '67.
- Analysis of unsaturated chloroethers of the naphthenic series. N. P. Fmel'yanov, L. P. Romanovskaya, Dokl. AN SSSR 11 no. 10-118-121 O '67.
- Use of diaphragm shutoff valves with protective coating from acid resistant enamel in boiler flushing systems. V. I. Vainshtein. Energetik 15 no. 11 23 N '67.
- ## 661.8 METALLIC COMPOUNDS MINERAL PIGMENTS
- Etching of superdislocations with thresholds in a L 12 superstructure. L. E. Popov. Izv. vys. ucheb. zav., fiz. 3 no. 11 32-40 '67.
- Comprehensive use of raw materials in titanium dioxide production. M. I. Bannova, I. U. Zinovleva. Trudy Ural. politekh. inst. no. 161 49-53 '67.
- Dependence of the vapor tension of scandium oxide on temperature. V. N. Fedosov, A. P. Nadol'skii. Trudy IPI no. 27 60-63 '66.
- Inhibition of disperse phase particles by their size in metallic alloys. V. I. Pasaev. Izv. vys. ucheb. zav., fiz. 10 no. 11 69-73 '67.
- Effect of hole formation in liquid silico-chromium and ferrosilicon. B. A. Baum, P. V. Gel'd, E. S. Levin. Izv. vys. ucheb. zav., Chern. met. 10 no. 12 5-7 '67.
- Hardening effect of short-range order in ternary face-centered cubic solid solutions of substitution. N. V. Kuzmina, B. F. Dudalov, V. E. Panin. Izv. vys. ucheb. zav., fiz. 10 no. 11 23-31 '67.
- Direct method of determining elements through other elements in their organic compounds. A. M. Dimov, A. S. Kalabina. Izv. vys. ucheb. zav., Chern. met. 11 no. 1 123-124 '68.
- Influence of the heating rate on the temperature characteristics of a diffusion-free transformation of zirconium dioxide. A. M. Gavrilsh, B. I. A. Sukharovskii, P. P. Krivoruchko. Dokl. AN SSSR 177 no. 4 886-889 D '67.
- Magnetoresistive magnetic field transmitter in helium temperatures on n-type indium antimonide. V. A. Dailichev, Prib. i tekhn. eksp. no. 2 242-243 M-Ap '67.
- New example of isomorphous intermetallic compounds. B. Con and R. (N. S.). E. I. Hadyshchevskiy, P. I. Kravtshchikov, O. I. Bodak. Vysnyy L'viv. un. Ser. khim. no. 9 34-39 '67.
- Oxidation of the solid solution PbS-PhSe by oxygen. G. I. Zhitentsev and others. Trudy IPI no. 27-105-114 '65.
- Phosphate coating on steel. J. Klicka. Tekhn. i voinuzh. 25 no. 5 58 Mj '60.
- Preparation of galacturonic acid from mucic acid using ion exchangers. T. K. Gaponenkov, K. I. Serdchenko. Zhur. prikl. khim. 40 no. 11-2608-2609 N '67.
- Resonance spectroscopic determination of characteristic temperatures, interplanar distances and the relative intensities of the selective reflection in CdTe, ZnTe, HgTe. A. I. Tashkin, L. I. Koshchinskii, P. V. Sharavskii. Trudy IPI no. 27-149-150 '66.
- Solubility of precipitation of cobalt and manganese hydroxides by ammonia. R. G. Lepilina, I. U. P. Ballo, L. S. Shmeiko. Zhur. prikl. khim. 40 no. 11 2466-2469 N '67.
- Solubility of precipitation of copper and manganese hydroxides by organic precipitants. R. G. Lepilina and others. Zhur. prikl. khim. 40 no. 11 2462-2466 N '67.
- Some critical phenomena in aqueous solutions of potassium silicate. I. A. T. Tatomyr, G. F. Storozh, Vysnyy L'viv. un. Ser. khim. no. 9-89-91 '67.
- Structure of acid ethylenediamine tetraacetates of nickel and copper. N. P. Potapova, L. I. Martynenko. Zhur. neorg. khim. 13 no. 1-182-181 Ja '68.
- Study of the behavior of niobium in the processes of separation of niobium and titanium in sulfate-peroxide and oxalic acid solutions using radioactive isotope Nb⁹⁵. A. A. Batsuev, A. S. Cherniak, Zhur. prikl. khim. 40 no. 11-2393-2398 N '67.
- Studying the sintering of Ni-Al powdered-metal alloys. K. V. Savitskii and others. Izv. vys. ucheb. zav., fiz. 13 no. 11 139-141 '67.
- Sulfuric acid decomposition of wolframite. A. P. Nadol'skii, L. A. Anfilogova. Trudy IPI no. 27-84-80 '66.
- Ternary reciprocal system consisting of sodium and cesium acetates and nitrates. V. G. Gimmel'shtein, G. G. Drogenov. Trudy IPI no. 27-69-75 '66.
- Ternary systems Li, K, Rb/NO₃ and Li, K, Cs/NO₃. G. G. Drogenov, I. P. Sarapulova, L. V. Polygalova. Trudy IPI no. 27-54-58 '66.
- Ternary systems Li, Na, Ca CH₃COO and Na, K, Cs CH₃COO. G. G. Drogenov, V. K. Shipitsyna. Trudy IPI no. 27-60-63 '66.
- Ternary systems Li, Na, Rb/SO₄ and Na, K, Rb/SO₄. G. G. Drogenov, V. I. Ermachkov. Trudy IPI no. 27-64-68 '66.
- Thermal capacity and the heat of formation of calcium ferrites. S. G. Bratchikov, G. A. Topolishchov. Izv. vys. ucheb. zav., Chern. met. 10 no. 12 8-11 '67.
- Thermal properties of Kimpersay chromium spinellides. Z. K. Kalibayeva, Vest. AN Kazakh. SSR 23 no. 10-84-72 O '67.
- X-ray diffraction study of the system tungsten-manganese-carbon. V. S. Teleush. Vysnyy L'viv. un. Ser. khim. no. 9 29-33 '67.

661.9 VARIOUS INDUSTRIAL GASES

- Corrosion of various materials in oxide and carbon dioxide media. I. V. Kolmogorov, N. I. Ershova. Khim. i nef. mashinost. no. 1 26-27 Ja '68.
- Discussing the article of D. I. Evseichik, I. V. Nikolaeva and D. G. Iuditskii "Centralized transportation of carbonic acid" printed in the periodical no. 6 of 1965. M. Vukilina and others. Tsern. i spirt. prom. 32 no. 3 10-43 '65.
- Generalized index of the adjusted production of oxygen machinery. I. S. Guzman, V. M. Brodianskii, Z. M. Shmatova. Khim. i nef. mashinost. no. 1 35-37 Ja '68.
- Mass transfer during the adsorption of dioxide gas on activated carbon in a packed column. G. D. Kavetskiy, L. A. Akopian, A. N. Planovskii. Khim. i nef. mashinost. no. 4-23-25 Ap '65.
- Performance of a foamer at high gas pressures. E. I. A. Tat, S. A. Bogatykh. Khim. i nef. mashinost. no. 4-18-20 Ap '65.
- Purification of gas wastes in the production of polyester and alkyl resins. A. V. Sakharov, V. V. Stornikova. Lakobras. mat. i kh. prom. no. 6 86-89 '67.
- ## 662 EXPLOSIVES. FUELS
- The explosion of state for trinitrotoluene. G. V. Belikov, G. G. Vitenskaya. Dokl. AN SSSR 177 no. 5 1050-1053 D '67.
- Forming complex pairs by underwater explosions. E. B. Medvedevskii. Kuz. shram. proizv. no. 12 40-42 D '67.
- ## 662 (471.310)—Moscow City
- Masters of the blue flame. Gor. khoz. Mosk. 41 no. 10: 45-46 O '67.
- ## 662.2 HIGH EXPLOSIVES
- Results of industrial testings of the AS-8 granulite. V. A. Khorev. Gor. zhur. 143 no. 1 42-43 Ja '68.
- ## 662.6 FUELS. COMBUSTION. HEAT ECONOMY
- Application of recirculation to a dynamic problem of stocking up. I. M. Davdova. Prikl. mat. i vchen. no. 4 4-9 '67.
- Automobiles are fueled in the field. P. Litvinov. Tyl i snab. Sov. Voor. Sil. 26 no. 9 89 S '66.
- Calculating the discharge of mazut by aggregates. O. I. Stavei and others. Tsement 33 no. 6 19 N-D '67.
- Certain statistical regularities of gormation conversion into slag during industrial combustion of coals used in power engineering. A. Z. Uroevskii and others. Khim. i nef. topl. no. 6 135-144 N-D '67.
- Circulation method for heating mazut in reservoirs. V. I. Ashikhmin. Energetik 15 no. 12 7-8 D '67.
- Constant contact and gas heating of granulites. I. I. Sivashinskii. Gaz. prom. 12 no. 12 22-25 D '67.
- Effect of the wall temperature of a fire channel on the flamebreak off. O. N. Bulhanov, N. P. Burkova. Gaz. prom. 12 no. 12 31-35 D '67.
- Efficient design of a gas distilling device for gas analyzers. N. N. Red'kin. Tsement 33 no. 6 10 N-D '67.
- FGT filters can be modernized. K. Rybakov. Tyl i snab. Sov. Voor. Sil. 26 no. 6 79-80 Je '66.
- A fuel depot is remodeled. I. Korobenko. Tyl i snab. Sov. Voor. Sil. 26 no. 1-77-80 Ja '66.
- The glorious path of and new tasks in the fuel supply service. V. Nikitin. Tyl i snab. Sov. Voor. Sil. 26 no. 2 73-78 F '65.
- Heat exchange in combustion chambers of flat-flame burners. B. S. Soroka, A. E. Erinov. Gaz. prom. 12 no. 12 28-31 D '67.
- Method of fuel evaluation. A. S. Obintsev, I. A. Goudinskii. Trudy Ural. politekh. inst. no. 161 106-110 '67.
- New method of introducing liquid "L". I. Klimko, I. Kozyrev, V. Tugolekov. Tyl i snab. Sov. Voor. Sil. 26 no. 9 87-88 S '65.
- Officer of a pipe-laying unit. A. Laar. Tyl i snab. Sov. Voor. Sil. 26 no. 1-28-29 Ja '66.
- On a winter exercise. M. Igolinskii. Tyl i snab. Sov. Voor. Sil. 26 no. 1-25-27 Ja '66.
- Optimum size of charging materials for blast furnaces. N. N. Chernov. Metallurg 12 no. 5 9-10 Mj '67.
- Oxygen-containing functional groups of residual coal. V. V. Teturina, R. E. Ivanova. Trudy IPI no. 27-14-17 '66.
- Performance of blast furnaces operating on combined blowing with 30-32% oxygen concentration. V. N. Andronov and others. Metallurg 12 no. 5 6-8 Mj '67.
- Production and use of petroleum gases. A. L. Rabkina, L. V. Zhilina, N. K. Konstantinova. Gaz. delo no. 11-21 '67.
- Role of economic collaboration in the progressive change in the structure of fuel balance of the member countries of the Mutual Economic Assistance Council. V. A. Tret'akov. Izv. vys. ucheb. zav., nef. i gaz. 10 no. 9-11-15 '67.
- Scale-forming ability of blends of the DL diesel fuel and catalytic gas oil and the character of wear in the D-6 high-speed diesel engine operating on these blends. Kh. O. Sambar. Izv. vys. ucheb. zav., nef. i gaz. 8 no. 9:81-82 '65.

Self-carburization of natural gas in a pressure, straight-flow regenerative reformer. I. G. Panukhina and others. Izv. vys. ucheb. zav., Chern. met. 10 no. 11 165-170 '67.

Some economic problems of seasonal fluctuations in the demand for fuel. I. N. Vidgor. Prikl. mat. i vchen. no. 4 95-106 '67.

To new boundaries. I. Goshchev. Tyl i snab. Sov. Voor. Sil. 26 no. 1 78-80 Ja '66.

Why has the gasification of collective farms been neglected? O. Tolchynskiy. Stp. bud. 16 no. 1, 21 Ja '66.

662.6 (471.52)—Bashkir A. S. S. R.

Investigating the alcohol-benzene bitumen from the Babayovo lignite. N. P. Karpov, N. M. Karavaev, R. A. Vener. Khim. i nef. topl. no. 6:73-78 N-D '67.

662.6 (477)—Ukrainian S. S. R.

Correlation between the petrographic types of anthracites of the Donets Basin and the genetic types according to their degree of reduction. G. P. Vyvich. Khim. i nef. topl. no. 6:40-51 N-D '67.

662.6 (571.63)—Maritime Territory

Characteristics of coals of the Lipovets deposit. N. V. Novitskii, M. L. Martynova. Khim. i nef. topl. no. 6:52-57 N-D '67.

662.7 THERMALLY OR CHEMICALLY PRODUCED FUELS

- Advantages of drying charges as compared to the drying of a flotation concentrate. V. D. Semenko and others. Koks i khim. no. 1 7-8 '68.
- Advantages of recovering coking chemical by-products in the U. S. S. R. A. A. Gacov and others. Koks i khim. no. 1 43-47 '68.
- Caking soft - pitch compositions without filler materials. V. Z. Volkov, I. L. Farberov, A. S. Fialkov. Khim. i nef. topl. no. 6:103-109 N-D '67.
- Changing technical and economic indices of coking by using gas coals in charges. A. I. Timofeev, I. M. Glushchenko, A. V. Khimichenko. Koks i khim. no. 1 50-51 '68.
- Cleaning of brazing by the method of azeotropic rectification. V. M. Timonko, L. D. Gluzman. Koks i khim. no. 1 11-13 '68.
- Determining the suction of crude gas from the oven chamber to the heating partition. L. P. Ukhov, F. A. Mustafin. Koks i khim. no. 1 30-33 '68.
- Experimental coking of charges with coarsely ground or fibrous coals. I. A. Mykol'nikov, M. S. Kudachov, S. P. Zimov. Koks i khim. no. 1 20-23 '68.
- Fast semicoking of coal in a plant equipped with a uniflow three-component reactor-heat exchanger. I. N. Protukhin, I. U. M. Petin. Izv. SO AN SSSR no. 2 set. tekhn. nauk no. 1 112-118 '66.
- Lignin, V. A. [Gasification of wood] Gazifikatsiya. [Drevsin] Moskva, "Leningradskiy prom-st", 1967. 261 p.
- Mercury in coal charges of by-product coke plants. M. A. Fakel and others. Khim. i nef. topl. no. 6:145-150 N-D '67.
- Method of determining technological parameters for automatic control of the viscosity of magnetic suspension. M. A. Buzunskii, V. F. Bogin, L. G. Mel'nikov. Koks i khim. no. 1 8-11 '68.
- Modification of indene-cummarone resins by phenols. L. E. Kargin, L. P. Emelianova, A. M. Noskov. Koks i khim. no. 1 34-40 '68.
- Once again on the methods of determining arsenic in sulfur. E. Kh. Zemskaya. Koks i khim. no. 1 40-41 '68.
- Patent service at the State Institute for the Design and Planning of By-product Coke Plants. V. P. Baryshev. Koks i khim. no. 1 56 '68.
- Problem of the moisture of charges. N. G. Bucharov. Koks i khim. no. 1 10-20 '68.
- Process and treat experimental data correctly. M. D. Kuznetsov, E. I. A. Eldehman. Koks i khim. no. 1 51-55 '68.
- Production of lignite semicoke used for making metallurgical coke in compartment kilns. B. S. Filippov, D. A. Tsiharov, E. F. Shmidt. Khim. i nef. topl. no. 6:151-152 N-D '67.
- Programmed automatic control of the raising of temperature in plastometric apparatus. A. N. Zolotukhin, E. I. Istomina. Koks i khim. no. 1 18-19 '68.
- Results of the anniversary year and problems of 1968. Koks i khim. no. 1 1-3 '68.
- Thermoxidizing coking of granulated charges. O. N. Mashenkov, K. I. Syskov. Koks i khim. no. 1-23-26 '68.
- Using chromatographic methods for the analysis of flotation reagents. L. A. Baranov, Sh. Sh. Gubaidullin, F. M. Stankevich. Koks i khim. no. 1 12-18 '68.
- Ways of optimizing expenditures for the production of coke for smelting cast iron. Report No. 3. A. A. Kozlov, I. S. Solomakhin. Izv. vys. ucheb. zav. Chern. met. 11 no. 1:24-27 '68.

662.7 (477)—Ukrainian S. S. R.

At the Zhdanov By-Product Coke Plant. T. Kalashnikova. Koks i khim. no. 1 56 '68.

662.7(571.17)—Kemerovo Province

Industrial coking of coal at the "Baidnevskaia-Severnaya" Hydraulic Mine V. A. Korshunov and others Koks i Khim no 14-6 '68

662.7(73)—United States of America

Profitableness of coal coking without recovering chemical by-products in the U.S.A. L. I. Ustulov Koks i Khim no 147-50 '68

662.8 MECHANICALLY PRODUCED (ARTIFICIAL) FUELS

Economics of the production and use of the briquetted foundry coke L. A. Chetava, N. S. Vaisberg Trudy Ural politekhn. inst. no 161 54-58 '67

Investigating petroleum bitumens as binding agents for coal briquetting. I. A. P. Pokopchuk, Khim., tver., topl. no. 6-93-98 N-D '67

Potential for increasing the productive capacity of the FPU-1 machine V. V. I. Gorov, I. U. Ivanov Tsv. prom. 45 no 17-8 '68

662.8(571.6)—Soviet Far East

Briquetting lignites from the Stobodnoye deposit, V. N. Krokhn, Khim., tver., topl. no. 6-93-102 N-D '67

662.9 FURNACE AND COMBUSTION ENGINEERING

Determining the optimum number of gas regulation stations, A. R. Ragimov, A. A. Tupichenkov, S. A. Abdurashitov, Izv. vys. ucheb. zav., nef. i gaz 10 no. 9 61-64 '67

Lining of coking doors and selection of its efficient configuration I. N. P. Ershenko, Koks i Khim no 127-30 '68

Making use of the heat of gases leaving the glass furnace in a waste heat boiler, M. I. Khinkis and others, Stok i ker. 25 no 115-19 Ja '68

Necessary number of objects in telemetering city gas networks S. V. Gorchikov, Z. I. Bkova Gaz prom. 12 no. 12 20-22 D '67

Operation of a bubbler burner on water contaminated mazut, M. S. Maslennikov, M. N. Shalnova Prom. i energ. 22 no. 11 31-35 N '67

Safety technology in the use of casting machines for the processing of plastics, N. P. Onishchenko, Khim. prom. Ukr. no 6 54-55 '67

Study of some thermophysical properties of the terphenyl mixtures, D. S. Rasskazov, I. U. M. Babikov, E. Guot, Teploenergetika 15 no. 1 50-52 Ja '68

Velocity fields in the mixing chamber of injection burners with twisting flow, A. I. Shcheklov, Izv. vys. ucheb. zav., energ. 10 no. 12 70-74 D '67

A working model of a regenerative air heater, E. D. Prisedskul, Sred. spets. obr. 13 no 9 53-54 S '66

663 BEVERAGES STIMULANTS WATER

Action of glucose oxidase in grape wines and must, A. A. Morzhanian, I. U. D. Tagunkov, Izv. vys. ucheb. zav., pishch. tekhn. no. 6 89-92 '67

Aldehydes and their role in sparkling red dessert wines, G. G. Agabekian, G. A. Garish Izv. vys. ucheb. zav., pishch. tekhn. no. 6 46-49 '67

Algorithmization of the continuous fermentation process of beer and its study by use of an analog computer, M. A. Bogoslavtsev, S. B. Gachusha, L. A. Shilnikov, Izv. vys. ucheb. zav., pishch. tekhn. no. 6 83-88 '67

Analysis of the action of a horizontal fractionating column V. A. Maslennikov, Ferment. i spirt. prom. 32 no. 4 15-17 '68

Aqueous properties of tobacco dried in the sun and under high temperatures, G. V. Nalivko, M. T. Pokhno, Izv. vys. ucheb. zav., pishch. tekhn. no. 6 93-95 '67

Biochemical changes of lipids in ripening oil-rich sunflower seeds V. G. Shcherbakov, A. A. Malyshev, Izv. vys. ucheb. zav., pishch. tekhn. no. 6 15-17 '67

Circulation in the process of cooking is the main factor for the improvement of the quality of alcohol, F. A. Khasanovskiy, I. A. K. Tritskiy, V. M. Vereshchinskii, Khim. prom. no 2-17-18 Mr-Apr '66

Combined processing of potatoes to starch and alcohol, L. I. Navrodskaia, E. M. Pastukhova, Ferment. i spirt. prom. 32 no. 4 36-38 '66

Decisions of the 23d Congress of the Communist Party of the Soviet Union and problems facing the industry Ferment. i spirt. prom. 32 no. 4 1-3 '66

Decrease of the cost of raw materials for alcohol production, I. I. Rublev, Ferment. i spirt. prom. 32 no. 5 29-30 '66

Dependence of the steam phase composition on the composition of the liquid phase of water-alcohol-sugar solutions, S. E. Kharin, V. M. Perelygin Izv. vys. ucheb. zav., pishch. tekhn. no. 6 110-114 '67

Determination of aldehydes in wines, K. K. Almashev, Khim. prom. no. 2 43-45 Mr-Apr '66

Disinfecting water from bacteriological contamination, M. G. Kantor, N. G. Vilesov, Khim. prom. Ukr. no 6 46 '67

Effect of adsorbents on yeast viability, L. L. Velikanov, D. G. Zvingintsev, Nauch. dokl. vys. shkoly; biol. nauki 10 no. 11:99-103 '67

Heat exchange during boiling of water-alcohol mixtures in a large volume, N. I. U. Tobolevich, I. I. Sagan, N. A. Priadko, Izv. vys. ucheb. zav., pishch. tekhn. no 6 115-118 '67

Industrial aesthetics in the distilling industry V. A. Dymov, Ferment. i spirt. prom. 32 no. 5 25-26 '66

Iron content in wine materials at the "Tarvilia" viticultural state farm H. D. Ratushnyi, S. H. Ratushnyi, Khim. prom. no. 6 38-43 N-D '67

Kinematic conditions of cutting tobacco top with a disk knife V. S. Pashkov, V. K. Kondraschenko, V. A. Panin Izv. vys. ucheb. zav., pishch. tekhn. no. 6 96-98 '67

Linear dimensions of grape seeds and the characteristics of their changeability, V. A. Maslov, E. P. Kosheva, Izv. vys. ucheb. zav., pishch. tekhn. no 6 18-19 '67

Measures for alcohol quality improvement F. A. Khasanovskiy, Khim. prom. no. 6 32-34 N-D '67

Mechanization of labor-consuming work in the alcohol industry on the level of the targets set by the 23d Congress of the Communist Party of the Soviet Union A. F. Komarov, Ferment. i spirt. prom. 32 no. 4 17-21 '66

Method for locating impurities of methanol in water-alcohol solutions by gas chromatography, V. P. Gruznev and others, Ferment. i spirt. prom. 32 no. 5 7-9 '66

Method for the production of alcoholic extracts from tea, coffee and cocoa, G. G. Mikheleze, M. N. Diepalo Ferment. i spirt. prom. 32 no. 5 39 '66

Methodology for calculating production costs in conditions of complex use of raw materials in the alcohol industry P. V. Ruditskiy, S. S. Taubina, Ferment. i spirt. prom. 32 no. 4 32-36 '66

Methodology for orientation determining of the economic criterion of the dependability of automation systems, V. P. Ivanova, A. A. Kazanskiy, Ferment. i spirt. prom. 32 no. 5 15-18 '66

New design for a cutting unit, M. P. Urushkin, M. I. Beidychivskiy, Khim. prom. no 6 53-54 N-D '67

Optimization of the conditions of the functioning of the beer fractionating column with the use of an electronic computer V. I. Urubov, V. O. Domantskiy, V. I. Domantsenko, Khim. prom. no 2 7-10 Mr-Apr '66

Preparation of alcohol distilleries for processing of raw materials from new crops is the most important problem of the distilling industry Ferment. i spirt. prom. 32 no. 5 1-1 '66

Processing of water-alcohol solutions with powdered activated carbon V. A. Smirnov and others Ferment. i spirt. prom. 32 no. 5 10-14 '66

Seminar on industrial safety, A. I. Rovinskiy, Khim. prom. no. 2 51 Mr-Apr '66

Some deliberations on the effectiveness of using dry fermentation preparations instead of malt in distilleries P. A. Chatskiy, Ferment. i spirt. prom. 32 no. 5 27-29 '66

Study of distilleries wort separation during beer fractionation, F. A. Khasanovskiy, Ferment. i spirt. prom. 32 no. 5 18-21 '66

Study of the hydraulics of tubular cooking apparatuses D. I. Iuditskiy, I. M. Fedotkin Khim. prom. no. 2 31-36 Mr-Apr '66

Symposium No. 36 Petroleum and microbiology (special reference to the production of foodstuffs), P. I. Sann, Neftekhimika 7 no. 6 924-930 N-D '67

Transfer of the enterprises of the liqueur, vodka and alcohol industry to a new planning and economic incentive system, A. L. Riabov, Ferment. i spirt. prom. 32 no. 5 5-7 '66

Utilization of the production capacity in breweries, N. V. Voinova, Khim. prom. no. 6 22-23 N-D '67

Work analysis of the fractionating column with increased consumption of steam, I. U. P. Bogdanov, V. P. Glaznov Ferment. i spirt. prom. 32 no. 4 5-11 '66

663(471.232)—Leningrad City

Automatic line for pouring of liqueur and vodka into bottles of 0.1 liter capacity, P. G. Brazhnikov, Ferment. i spirt. prom. 32 no. 5 37-38 '66

663(477)—Ukrainian S. S. R.

Gas cutoff in steam boilers, P. Raikonia, Khim. prom. no. 6 52-53 N-D '67

Organizing the production of instant coffee at the Odessa Combine of Food Concentrates, M. S. Buseva, Khim. prom. no. 6 45 N-D '67

Work of the plant of dry feed yeast at the Triletsk Distillery, P. G. Pesalem, V. P. Sidorenko, Ferment. i spirt. prom. 32 no. 5 34-37 '66

663(477.88)—Transcarpathia

New treatment in the technology of white dessert wines in Transcarpathia, V. I. Zinchenko, Khim. prom. no. 2 39-43 Mr-Apr '66

663(479.24)—Azerbaijan S. S. R.

Effect of blending wine materials on the quality of brandy alcohol, A. B. Tagiev, Za tekhn. prog. 5 no 11 41-43 N '66

663(575.1)—Uzbek S. S. R.

Use of heterogeneous-continuous fermentation setting of grape must at the Parkent Wine Making Shop N. B. Igamberdiev, O. N. Khormentovskaya, Uzb. biol. zhur. 11 no 6 10-13 '67

Air cooling apparatus for fish meal on ships, V. P. Smirnov, Ryb. khoz. 43 no 11 69-70 '67

Automation of refrigerating machinery in the enterprises of the food industry V. P. Izheva, S. L. Heller, Khim. prom. no. 2 3-5 Mr-Apr '66

Biosynthesis of ascorbic acid in rat organs and phagocytic reaction of the blood as toxicological methods of research in the field of nutrition hygiene B. V. Kuvshinov, I. U. M. Filippov Trudy TSU 103 35-45 '67

Combined effect of antioxidants of propylgallate and butylhydroxyanisole fats on animal organism M. A. Danilov, Trudy TSU 103 34-38 '67

Determination of copper microquantities in some food products L. E. Gotsuliak, I. I. Tiashkov, Izv. vys. ucheb. zav., pishch. tekhn. no 6 142 '67

[Endocrine raw materials] Endokrinnoye syr'e (Eksportnoe), Izd. ofitsial'noe, Moskva, Izd. Standartov, 1967 55 p. (Gos. standarty SSSR.)

[Equipment of the food industry] Ref. zhur. "Ober. pishch. prom. no. 12(38), Dec. 1967

Methods for the evaluation of the temperature and moisture fields of the thermal units of the meat industry, A. I. Pelet, A. M. Brazhnikov, Izv. vys. ucheb. zav., pishch. tekhn. no 6 107-110 '67

Operative calculation of expenses and profits in enterprises O. I. Tolian, S. I. Hovhla Khim. prom. no. 6 23-25 N-D '67

Popovskiy, V. G. [Principles of sublimated drying of food products] Osnovy sublimatsionnoy sushki pishchnykh produktov, Moskva, "Pishchevaya prom-st", 1967, 103 p. (Teoreticheskie znaniya - rabochim)

Resources for increased effectiveness of capital investments in the food, meat and dairy industries of the Ukrainian S. S. R., V. A. Herasymenko, Khim. prom. no. 6 9-12 N-D '67

Results of the all-Union socialist competition of the personnel of the enterprises and organizations of the food industry during the 3d quarter of 1967, Komsomol, 23 no. 1 10-41 Ja '68

Salaries of the supervisory staff in combined enterprises of the food industry, I. U. P. Lebedevskiy, B. N. Solov'ev, Khim. prom. no 6 25-27 N-D '67

Selection of regulated parameters of the rectifying column based on the analysis of static equations I. U. A. Alekseev, S. G. Mazina, Izv. vys. ucheb. zav., pishch. tekhn. no 6 128-132 '67

Stages of food science development, V. D. Surkov, Izv. vys. ucheb. zav., pishch. tekhn. no. 6 147-150 '67

Study of hydrodynamics and mass transfer on annular jet plates I. P. Shcheklov, B. A. Zadorozhnyi, Izv. vys. ucheb. zav., pishch. tekhn. no 6 123-127 '67

Symposium No. 36, Petroleum and microbiology (special reference to the production of foodstuffs), P. I. Sann, Neftekhimika 7 no. 6 924-930 N-D '67

Ten years of "Food Technology," I. F. Zelikman, L. I. Oleinikova, Izv. vys. ucheb. zav., pishch. tekhn. no. 6 143-147 '67

Use of fillers in the production of tomato powder by diffusion drying, M. P. Hryhorash, Khim. prom. no. 2 47-48 Mr-Apr '66

Work conditions and pressure losses on valve grid plates, A. P. Besspal'ko, I. F. Malozhik, V. I. Demchenko, Izv. vys. ucheb. zav., pishch. tekhn. no 6 110-122 '67

664(471.310)—Moscow City

Budovoy, G. T., E. A. Chortok, and K. V. Shchukhin. [A year of work under new conditions; work practice of food industry enterprises] God raboty po novomu; opyt raboty predpriyatiy pishchevoy promyshlennosti Moskva, "Ekonomika", 1967 77 p. (Predpriyatiya v novyykh usloviyakh)

664(477)—Ukrainian S. S. R.

Business accounting and the centralization of accounting, V. Zhilin, A. Lysluk, A. Shpil, Buking. uch. et. 26 no. 11: 25-28 N '67

664(574)—Kazakh S. S. R.

The food industry, economic information, Nar. khoz. Kazakh, 25 no. 11:42 N '67

664.1 SUGAR INDUSTRY

Automatic FRANK chamber filter press, A. R. Sapronov, Sakh. prom. 41 no. 11 38-39 N '67

Boiling down of masscuite by low potentiality steam, L. H. Bilostotskiy, Khim. prom. no. 6 34-36 N-D '67

Conformity in the change of concentration and quality of intermediate boiling liquor in crystallizers, I. S. Ilyin, I. O. Bilekin, V. M. Brysh, Khim. prom. no. 6 36-39 N-D '67

Determination of biotin in molasses by means of Candida tropicalis yeast, T. G. Zhukhova, A. F. Fedorev, Ferment. i spirt. prom. 32 no. 4 24-25 '66

Determination of the isoelectric point of pyrrolidone carboxylic acid, L. D. Bobrovnik, G. P. Voloshanenko, Izv. vys. ucheb. zav., pishch. tekhn. no. 6 28-29 '67

Determination of the parameters of the last separation masscuite, A. I. Gromkovskiy, Sakh. prom. 41 no. 11: 30-35 N '67

Development of power engineering in the sugar industry, M. L. Vaisman, I. L. Sharf, Sakh. prom. 41 no. 11: 41-47 N '67

- 644.1 (471.324)—Voronezh Province
 Workers of the Il'mo'Kolosovskiy Factory Sakh. prom. 41 no. 11 18-19 N '67
- 644.1 (471.325)—Belgorod Province
 Sugar factories of the Belgorod Province, A.S. Bel'manin Sakh. prom. 41 no. 11 9-11 N '67
- 644.1 (471.326)—Tambov Province
 Sugar industry in the Tambov Province on the 50th anniversary of the Great October Revolution N. P. Pavlov Sakh. prom. 41 no. 11 4-5 N '67
 Order of the Red Banner Sugar Factory, I. M. Gerasimov Sakh. prom. 41 no. 11 6-8 N '67
- 644.1 (471.6)—Northern Caucasus
 Sugar factories of Kuban, M. Primak, V. Lomovisev, P. Kozharenko Sakh. prom. 41 no. 11 12-15 N '67
- 644.1 (471.62)—Krasnodar Territory
 Leaf-blanket Sugar Factory V. P. A. Kondratenko Sakh. prom. 41 no. 11 16-17 N '67
- 644.1 (474.3)—Latvian S. S. R.
 Production of the food concentrate Vitamin B₁₂ from molasses stillage, V. D. Bolko and others, Form. 1 spirt. prom. 32 no. 5 31-31 '66
- 644.1 (477)—Ukrainian S. S. R.
 Development and the condition of machinery at the sugar factories of the Kiev, Zhitomir, Cherkassy and Chernigov Provinces, L. M. Polnyi, Khar. prom. no. 2 55-51 Mi-Apr '67
 Method of calculating optimal work schedule for sugar plants on electronic computers, B. Al'okhin Ekon. Prib. 9 no. 12 86-91 D '66
 Problems concerning sugar manufacturers and beet growers A. I. Iudin Ekon. Rad. Ukr. 9 no. 12 40-41 D '66
 Specialization of supplementary production lines in the confectionery factories of the Ukrainian S. S. R., S. I. Terebilo Khar. prom. no. 6 10-21 N-D '67
 First experience of the Council of Innovators of the Ukraine, A. P. Parkhod'ko Sakh. prom. 41 no. 11 54-55 N '67
- 644.1 (476)—Moldavian S. S. R.
 From handicraft to full mechanization, S. M. Lashov Sakh. prom. 41 no. 11 40 N '67
- 644.1 (721.1)—Cuba
 Sugar industry of Cuba, M. A. Herasymchuk, Khar. prom. no. 2 62-64 Mi-Apr '66
- 644.2 STARCHES, OTHER POLYSACCHARIDES
 Acid and fermentative hydrolysis of corn starch, V. A. Yakovchenko, N. V. Romenskiy, L. V. Masenko Izv. vyz. ucheb. zav., pishch. tekhn. no. 6 20-22 '67
 Determination of ash content in starch molasses by the electric conductivity of its solutions N. N. Tregubov, V. N. Yakovleva, E. K. Sidorova, Sakh. prom. 41 no. 11 57-59 N '67
- 644.4 MINERAL FOODSTUFFS
 Method of determining iodine in natural sodium chloride and in noniodized table salt, L. N. Laphin, N. V. Reis, Vop. pit. 26 no. 2 26-29 Mi-Apr '67

664.6 BAKING, BREAD AND FLOUR CONFECTIONERY

- Baker's yeast biostimulants from wastes of vitamin, citric acid, brewing meat and dairy production N. K. Palagina Izv. vyz. ucheb. zav., pishch. tekhn. no. 6 59-63 '67
- Baking bread in the field, I. Pashkin, N. Ivanitskiy, Tyi i snab. Sov. Voor. Sil 25 no. 8 52-54 Ig '65
- Biochemical characteristics and baking quality of wheat grain as related to the nutrition conditions of the plant, Gamal M. Khaid Izv. TSKHA no. 3 93-97 '66
- Economic effectiveness of the new technology in the baking industry, P. I. Shpakovych Khar. prom. no. 2 54-55 Mi-Apr '66
- Effect of temperature of the baking chamber medium on infrared baking of ginger cakes, A. N. Dorokhov, A. T. Lisovenko A. V. Mikhel'ev, Izv. vyz. ucheb. zav., pishch. tekhn. no. 6 99-102 '67
- Effect of the intensity of wheat dough-mixing on colloidal and biochemical processes, A. I. Skoklova, I. M. Rostov Izv. vyz. ucheb. zav., pishch. tekhn. no. 6 56-58 '67
- Fractional composition of proteins in the grain of spring rye, G. S. Boronova, E. D. Kazakov Izv. vyz. ucheb. zav. pishch. tekhn. no. 6 9-11 '67
- Heat of wetting and the surface of wheat grain, F. S. Omel'chenko, I. G. Koroteev, Izv. vyz. ucheb. zav., pishch. tekhn. no. 6 12-14 '67
- Production of "anniversary" gingerbread cake, L. P. Ukhnova Khar. prom. no. 6 43-44 N-D '67
- Seminar - conference of efficiency promoters, inventors and innovators of the enterprises of the baking and macaroni industries V. M. Mal'ov, H. I. Timoshenko, Khar. prom. no. 6 55-57 N-D '67

664.7 FLOUR AND CORN MILLING GRAIN PROCESSING

- Automating the crushing process of combined feed ingredients in hammer mills, E. Platenov, I. Ignatenko Muk. elev. prom. 33 no. 12 13-15 D '67
- Chemical composition of sifted rye and hull flour A. Rukosev, A. Silant'eva Muk. elev. prom. 33 no. 12 21 D '67
- Chemical grain hulling in the production of fast cooking farina G. Baryshev Muk. elev. prom. 33 no. 12 27-28 D '67
- Cleaning wheat and barley seeds in corn processing plants V. Tsvetnovskiy Muk. elev. prom. 33 no. 12 1-5 D '67
- Dependence of the quality of flour on the load of roller grinders I. Naumov, N. Kondratenko Muk. elev. prom. 33 no. 12 10-11 D '67
- Grinding hard variety of wheat for macaroni products A. Butukhin and others Muk. elev. prom. 33 no. 12 7-8 D '67
- Improving intraplan business accounting in flour mills, D. Gavrilchenko Muk. elev. prom. 33 no. 12 16-18 D '67
- Improving labor conditions is an important problem of scientific labor organization Muk. elev. prom. 33 no. 12 16-20 D '67
- Labor exploit and glory banners in grain product enterprises, V. Men' Muk. elev. prom. 33 no. 12 2 D '67
- Letters to the editor Muk. elev. prom. 33 no. 12 26 D '67
- Utilizing wastes accumulated in pneumatic equipment in mills O. Maksimchuk Muk. elev. prom. 33 no. 12 8-10 D '67

664.7 (471.43)—Kyrgyz Republic

- Some problems of the economic efficiency of introducing new equipment in Kyrgyz Republic enterprises L. Teslet Muk. elev. prom. 33 no. 12 21-24 D '67

664.7 (471.62)—Krasnodar Territory

- Practice in cleaning castor beans in Krasnodar Territory grain receiving stations G. Votchin Muk. elev. prom. 33 no. 12 5-6 D '67

664.7 (474.5)—Lithuanian S. S. R.

- Production of granulated mixed feed with molasses practice of the Silute Combined Feed Plant E. Veikuskas Muk. elev. prom. 33 no. 12 11-13 D '67

664.7 (476)—White Russian S. S. R.

- The economic reform in operation in Grodno Province enterprises V. Khokhol, I. Kupchin, Muk. elev. prom. 33 no. 12 15-16 D '67
 Introducing new equipment in cereal product enterprises of White Russia, K. Petrik, Muk. elev. prom. 33 no. 12 20-21 D '67

664.8 PRESERVATION OF ORGANIC PRODUCTS, FRUIT AND VEGETABLE PRODUCE

- All-Union seminar on new developments in the technology of producing dried vegetables and potatoes, Koms. 1 ov. prom. 23 no. 1 41 Ja '68
 Aseptic canning of apple and grape juice, I. P. Ilyshyna, Khar. prom. no. 6 41-43 N-D '67
 Automatic cooking of preserves in vacuum apparatuses with a water-jet ejector, M. IA, Khar. Koms. 1 ov. prom. 23 no. 1 2-5 Ja '68
 Contact sterilization of stewed fruit, V. I. Perepeka, Izv. vyz. ucheb. zav., pishch. tekhn. no. 6 80-82 '67
 Decrease of waste in sterilizing canned products in glass containers sealed with thin tin SKO covers, F. I. Kogan, Khar. prom. no. 2 18-19 Mi-Apr '66

- Effect of applied oils and packaging on corn cobs during preservation, I. E. T. Dmitrieva, N. F. Aristova, G. V. Belaventseva, Koms. 1 ov. prom. 23 no. 1 15-17 Ja '68
 Effect of sulfuration on the quality of dried onions, L. N. Bugrova, E. V. Bulko, Koms. 1 ov. prom. 23 no. 1 14-15 Ja '68
 Fast determination of residue in juices, A. A. Smeshko, L. F. Shchekotova, Koms. 1 ov. prom. 23 no. 1 28-29 Ja '68
 Flavonoids of apples and pears, I. U. G. Skoklova, E. I. Lashenko Izv. vyz. ucheb. zav., pishch. tekhn. no. 6 40-45 '67
 How to keep potatoes and vegetables in spring and summer I. A. Narozhnyi Tyi i snab. Sov. Voor. Sil 26 no. 2 62-64 F '66
 Intensification of heat transfer by vibration during the pasteurization of liquid food products in glass containers I. A. Balandin, I. Z. Kryvosheia, Khar. prom. no. 2 19-20 Mi-Apr '66
 Keeping peeled potatoes, V. Lysogor, I. U. Penushanskii, Tyi i snab. Sov. Voor. Sil 25 no. 1 54 Ja '68
 Mechanization of vegetable drying enterprises, R. V. Zablotskiy, Koms. 1 ov. prom. 23 no. 1 10-11 Ja '68
 Microbiological and biochemical processes during the souping of cabbage with urea and ammonium sulfate G. I. Peteyeva, S. B. Zadojina Izv. TSKHA no. 3 36-42 '66
 New price list for transporting canned products by rail, I. N. Razantsev, Koms. 1 ov. prom. 23 no. 1 30-33 Ja '68
 Organizing the packaging of meals at factories of the food concentrate industry of the Ukrainian SSR, M. S. Guseva, Koms. 1 ov. prom. 23 no. 1 1-2 Ja '68
 Penetrability of aroma through polymer packaging materials, I. A. G. Muravin Koms. 1 ov. prom. 23 no. 1 18-20 Ja '68
 Production tests of gamma radiation of potatoes for prevention of sprouting, L. V. Metlitskiy, N. P. Korabeyeva, Koms. 1 ov. prom. 23 no. 1 21-25 Ja '68
 Semiautomatic unit for the thermic welding of polymer packaging materials, V. G. Popovskiy, and others, Koms. 1 ov. prom. 23 no. 1 6-3 Ja '68
 Stabilization and decomposition of sorbic acid, E. I. Petrovskiy, A. V. Ustinova, Izv. vyz. ucheb. zav., pishch. tekhn. no. 6 36-39 '67
 Storing of fresh fruits in polymer packages, G. A. Makushvii, G. IA, Chinkoladze Koms. 1 ov. prom. 23 no. 1 20-23 Ja '68
 Use of emulsifiers for the improvement of the consistency of dry potato puree, S. A. Gromin, M. A. Volodina, I. S. Shebekoldina, Koms. 1 ov. prom. 23 no. 1 34-36 Ja '68
 Use of nisin in potato canning, N. M. Maslennikova, R. V. Lokshina, Koms. 1 ov. prom. 23 no. 1 12-13 Ja '68
 Use of waste products from the processing of tomatoes, I. A. M. Goldenberg, Koms. 1 ov. prom. 23 no. 1 26-28 Ja '68

664.8 (471.67)—Daghestan A. S. S. R.

- Inefficient use of the wage fund is an important factor in increasing the efficiency of production I. A. I. Fed'man Probl. raz. ekon. Dag. no. 5 31-44 '67
 Reducing seasonal features in the work of canning industry enterprises is an important potential for increasing production and improving the use of production funds S. M. Sulermanov Probl. raz. ekon. Dag. no. 5 74-103 '67

664.8 (477)—Ukrainian S. S. R.

- Production of canned green peas at the Irmall Canning Combine, V. I. Parkhomenko, Khar. prom. no. 6 49-51 N-D '67

664.9 PRESERVATION OF ANIMAL PRODUCTS

- Experimental evaluation of mechanical properties of uncured fish, I. U. P. Iashenko, Ryb. khoz. 43 no. 11 51-54 '67
 Important conditions for the development of the production of quick-frozen ready-made dishes V. Dardir, Mias. Ind. SSSR 38 no. 11 16-17 N '67
 Interaction of nitrogen substances with phenols during the storage of canned smoked fish in oil, I. I. Lapshin, T. G. Rodina Izv. vyz. ucheb. zav., pishch. tekhn. no. 6 30-35 '67
 New varieties of canned snail, O. D. Seluk, Ryb. khoz. 43 no. 11 57-58 '67
 Rapid method of determining phenols in smoked fish, A. I. Uditakia, T. M. Lebedeva, Ryb. khoz. 43 no. 11 62-63 '67
 Report from the S. M. Kirov Order of the Red Banner Meat Combine in Leningrad, A. Savchenko, Mias. Ind. SSSR 38 no. 11 8-9 N '67
 Right size of tin sheets used in the tinning industry, N. I. Shirokolobov, Ryb. khoz. 43 no. 11 50-51 '67
 Use of fish meal for the increase in caloricity of food products, A. I. Danilova, Ryb. khoz. 43 no. 11 64-66 '67

665 OILS, FATS, WAXES

- Biochemical changes of lipids in ripening oil-rich sunflower seeds, V. G. Shecherbakov, A. A. Malyshev, Izv. vyz. ucheb. zav., pishch. tekhn. no. 6 15-17 '67
 Effect of ultrasonic treatment on the mobility of causticolith nitrogen V. I. U. Tietimsk, A. S. Novatorov, P. D. Ovciarenko Khim. prom. Ukr. no. 6 7-8 '67

- Hydrogenation of sunflower oil by a stationary molybdenum catalyst in ethanol by a "jet" method. D. V. Sokol'skiy, V. I. Fomarov, K. A. Zhubanov. Izv. vys. ucheb. zav., pishch. tekhn., no. 6:54-56 '67.
- Oligonucleotide properties of edible vegetable oils. A. M. Goldovskiy, L. D. Patriakova. Izv. vys. ucheb. zav., pishch. tekhn. no. 6:137-141 '67.
- Polymersaturated fatty acid content in the fat of Atlantic herring. V. I. Pechatina. Vop. pit. 26 no. 2:78-79. M.-Ap. '67.
- Study of the stability of antioxidants butylhydroxyanisole and butylhydroxytoluene used in storing the fat of salmon. A. M. Simskaya. Vop. pit. 26 no. 2:21-23. M.-Ap. '67.
- Use of seawater in producing technical fat. A. M. Stechkin. Ryb. khoz. 43 no. 11:75 '67.
- 665(477)—Ukrainian S. S. R.**
- Decrease in gasoline expenditure at the Poltava Oil and Pats Combine. M. P. Kovalenko, H. D. Malys. Khim. prom., no. 2:20-22. M.-Ap. '66.
- Trend of increased effectiveness in the production and processing of the supplies of sunflower seeds in the Ukrainian S. S. R. O. M. Synkivskiy, L. M. Dolhyi. Khim. prom., no. 6:13-16. N.-D. '67.
- 665.5 PETROLEUM MINERAL OIL PROCESSING**
- Breakdown of the layer of oil flowing from the packing on rotating shafts. A. S. Lysslavskiy. Izv. vys. ucheb. zav., nef't' i gaz. 8 no. 12:61-63 '65.
- Calculating shell-and-tube heat exchange apparatus with a compensator mounted on the housing. V. P. Semchenko. Izv. vys. ucheb. zav., nef't' i gaz. 8 no. 9:107-112 '65.
- Calculating units with one full and one distillation column for separating mixtures of partially soluble substances. V. R. Alekseev, I. I. Kadyomov. Izv. vys. ucheb. zav., nef't' i gaz. 8 no. 9:57-60 '65.
- Catalytic isomerization of head fractions of direct distillation gasoline. N. R. Bursan, G. N. Maslanskii, N. K. Volnukhina. Khim. i tekhn. topl. i masel. 10 no. 6:1-4. Je. '65.
- Cost accounting in repair shops of gasoline plants. L. N. Filonenko. Gaz. prom. 12 no. 12:36-37. D. '67.
- Criteria for the optimization of the performance of a platforming unit. D. A. Andreev, R. M. Lukmanov. Izv. vys. ucheb. zav., nef't' i gaz. 8 no. 9:113-119 '65.
- Deparaffinization of oils by ultra-sonic waves. S. Sh. Abiamovich, N. I. Chernozhukov. Khim. i tekhn. topl. i masel. 10 no. 6:34-37. Je. '65.
- Determining optimum capacity of petrochemical plants. E. S. Dokuchaev. Izv. vys. ucheb. zav., nef't' i gaz. 8 no. 12:111-116 '65.
- Development of vibration combustion in ovens with panel burners. R. M. Shchurin. Khim. i tekhn. topl. i masel. 10 no. 6:44-46. Je. '65.
- Effect of nitrous bases on aluminosilicate catalyst in cracking. G. M. Panchenko, M. F. Levintse, M. A. Tanatarov. Izv. vys. ucheb. zav., nef't' i gaz. 8 no. 9:61-63 '65.
- Effect of oxidation inhibitors on the gas tightness of oils. N. G. Kalantar, V. I. Glazunov. Izv. vys. ucheb. zav., nef't' i gaz. 8 no. 12:68-70 '65.
- Effect of the conditions of dilution and cooling on the filtration of raffinates of oil fractions. B. V. Griyanov, E. V. Voznesenskaya, N. G. Orlova. Khim. i tekhn. topl. i masel. 10 no. 6:29-34. Je. '65.
- Effect of the position of the interface level on the effectiveness of the process of refining oils by furfural. L. A. Gukhman, S. D. Mirzoev, M. I. Ibrim. Izv. vys. ucheb. zav., nef't' i gaz. 8 no. 12:61-63 '65.
- Effect of ultrasonic energy on the quality of cracked gasoline and gas in the cracking of a solar oil distillate. G. A. Balakishiev and others. Izv. vys. ucheb. zav., nef't' i gaz. 8 no. 12:71-74 '65.
- Efficiency of oils during rocking friction in various gas media. K. I. Klimov, V. A. Mikhnev, Khim. i tekhn. topl. i masel. 10 no. 6:50-53. Je. '65.
- Electrochemical carbonizer of liquid hydrocarbons for the production of highly dispersed carbon. D. S. Iosebidze, L. D. Molikadze. Soob. AN Gruz. SSR. 47 no. 1:61-66. J1. '67.
- Ethers of ethylene glycols as selective solvents. A. Z. Bikkulov, V. A. Popov. Izv. vys. ucheb. zav., nef't' i gaz. 10 no. 9:66-68 '67.
- Forty-fifth anniversary of the M. Azibekov Azerbaijan Institute of Petroleum and Chemistry. I. Ibragimov. Izv. vys. ucheb. zav., nef't' i gaz. 8 no. 12:3-7 '65.
- Further objectives of the chemical processing of petroleum gases. A. L. Rubkina. Gaz. delo. no. 11:36-41 '67.
- Holiday of the workers of the petroleum and gas industries of the U. S. S. R. Izv. vys. ucheb. zav., nef't' i gaz. 8 no. 9:3-4 '65.
- In the All-Union Scientific Research Institute of the Gas Industry. T. Drebenstova. Gaz. prom. 12 no. 12:40-41. D. '67.
- Liquid-phase oxidation of the pentane-hexane fraction of the direct distillation gasoline. D. V. Mushenko and others. Khim. i tekhn. topl. i masel. 10 no. 6:10-13. Je. '65.
- Method of calculating the process of rectification of continuous mixtures. E. V. Vsevolodov, D. D. Zikov, V. I. Astikhov. Izv. vys. ucheb. zav., nef't' i gaz. 10 no. 9:61-65 '67.
- Oil-soluble sulfonates from the extracts of phenol treatment. I. P. Lukashovich, I. A. Eminchil. Izv. vys. ucheb. zav., nef't' i gaz. 8 no. 12:65-67 '65.
- Petroleum hydrocarbons. F. D. Possini, Neftekhimiya. 7 no. 6:906-916. N.-D. '67.
- Principal stages in the development of the Soviet petroleum refining industry. D. Nottin. Neftekhim. 13 no. 1:5-6. Ja. '68.
- Protecting heat exchanging apparatus of petrochemical plants. K. A. Abiev, Azot i nef't, khoz. 46 no. 12:47-49. D. '67.
- Quality of voltage in petroleum refineries. D. S. Alibekov. Izv. vys. ucheb. zav., nef't' i gaz. 8 no. 12:39-40. D. '67.
- Results of experimental industrial testing of the sulfuring of the thermal cracking kerosene by sulfur chlorides in the production of the AzNIT-7 additive in a continuous unit. A. M. Kuliyev and others. Azot i nef't, khoz. 46 no. 12:39-40. D. '67.
- Seate-forming ability of blends of the DL diesel fuel and catalytic gas oil and the character of wear in the D-8 high-speed diesel engine operating on these blends. Kh. O. Sambar. Izv. vys. ucheb. zav., nef't' i gaz. 8 no. 9:81-82 '65.
- Selective solvents for the extraction of hydrocarbons. A. Z. Bikkulov, B. M. Groshev, V. A. Popov. Khim. i tekhn. topl. i masel. 10 no. 6:13-18. Je. '65.
- Seventh World Petroleum Congress. P. I. Sanin, Neftekhimiya. 7 no. 6:917-918. N.-D. '67.
- Stability of lubricants. V. A. Potanina, L. G. Zherdeva. Khim. i tekhn. topl. i masel. 10 no. 6:19-23. Je. '65.
- Statistical analysis of the fractional composition of petroleum products. V. I. Fainerman, Khim. i tekhn. topl. i masel. 10 no. 6:46-49. Je. '65.
- Symposium No. 18. New concepts and methods in the oxidation of hydrocarbons. I. V. Kaleshchik, Neftekhimiya. 7 no. 6:918-924. N.-D. '67.
- Symposium No. 36. Petroleum and microbiology (special reference to the production of foodstuffs). P. I. Sanin, Neftekhimiya. 7 no. 6:924-930. N.-D. '67.
- 665.5(4)—Europe**
- Oil companies of the U.S.A. and England in the "Common Market" countries. I. M. Reznikova, BIKI [Prilozh.] no. 14:69-117 '67.
- 665.5(471.52)—Bashkir A. S. S. R.**
- Application of the correlation methods of analysis in establishing norms for the expenditure of the "Nekh" demulsifier. A. A. Blazhevich, E. M. Sergeeva. Eksp. nefteob. prom. no. 12:24-27 '67.
- Designing rectification columns. B. K. Marushkin. Gaz. prom. 12 no. 12:37. D. '67.
- 665.5(471.66)—Chechen-Ingush A. S. S. R.**
- Keep going! V. Dzislak. Neftekhim. 13 no. 1:9. Ja. '68.
- 665.5(477)—Ukrainian S. S. R.**
- Don't allow petroleum product losses. A. Emidin. Mat. i tekhn. snabzhen. 2 no. 6:53-58. Je. '67.
- 665.5(539)—Arab countries as a bloc**
- Oil and the Arabian solidarity. B. Rakhov. Vneshtorg. 46 no. 2:51-52 '68.
- 665.5(575.1)—Uzbek S. S. R.**
- The plant and people are growing. V. Prishchepa. Eksp. i zhizn' no. 11:25 '67.
- 665.5(576.4)—Turkmen S. S. R.**
- Desalination of petroleum coming from the Kotur-Tepe deposits. D. A. Muchinskii and others. Khim. i tekhn. topl. i masel. 10 no. 6:37-40. Je. '65.
- 666 GLASS, CERAMIC, CLAY, ETC., INDUSTRIES**
- Burning of porcelain products with preglazing dyes in gas-bleaching media. M. A. Zakharykov, M. V. Lissolov, L. S. Piroz. Leh. prom. no. 2:49-50. M.-Ap. '66.
- 666.1 GLASS INDUSTRY AND TECHNOLOGY**
- Automating the process of producing glass screens for electron beam tubes. I. S. Marchenko, N. E. Bidskaya, S. P. Kovalyshin. Stek. i ker. 25 no. 1:36-38. Ja. '68.
- Crystallization and thermal expansion of glasses of the system PbO - B₂O₃ - ZrO₂. N. A. Zhdanets, V. S. Khichits. Zhur. prikl. khim. 40 no. 11:2118-2122. N. '67.
- Crystallization of glasses in the system anorthite-wollastonite in the presence of chromic oxide. N. A. Toropov, C. V. Tigonen. Izv. AN SSSR, Neorg. mat. 3 no. 11:2056-2060. N. '67.
- Effect of pyroceramic process conditions on geometry of slag pyroceramic sheet. K. T. Bondarev, V. A. Minakov. Izv. AN SSSR, Neorg. mat. 3 no. 11:2078-2081. N. '67.
- Effect of two alkalies in fused silicate glasses. Part 2. K. A. Kostianian, E. A. Dzankian. Arm. Khim. zhur. 20 no. 9:686-691. '67.
- Electroconductivity of alkaline fluoroborate glasses. B. S. Kondrat'eva, G. T. Petrovskiy. Zhur. neorg. khim. 12 no. 11:3103-3110. N. '67.
- Glass transparent in the infrared region of spectra. Kh. I. Gapirodashvili, D. M. Nkaidze, V. L. Gomelauri. Soob. AN Gruz. SSR. 47 no. 1:67-70. J1. '67.
- Graphite determination of technological parameters of the production of a continuous glass fiber. B. I. Bakov, S. S. Kutukov, M. G. Cherniuk. Stek. i ker. 25 no. 1:26-27. Ja. '68.
- Making use of the heat of gases leaving the glass furnace in a waste heat boiler. M. I. A. Khakis and others. Stek. i ker. 25 no. 1:15-19. Ja. '68.
- Method of measuring the average amount of microirregularities on a ground glass surface. D. V. Belyashin, B. A. Chumlin. Stek. i ker. 25 no. 1:23-23. Ja. '68.
- Methods of intensifying the heat processes in glass furnace regenerators. I. U. I. Morozov, G. P. Kuchin. Stek. i ker. 25 no. 1:4-6. Ja. '68.
- Notes from the Artistic Council. L. A. Konstantinova, E. G. Rachuk. Stek. i ker. 25 no. 1:45-47. Ja. '68.
- Objectives of the glass and ceramic industries in 1968. Stek. i ker. 25 no. 1:1-4. Ja. '68.
- Optical glass and elements. L. Novitskiy. Tekhn. i nauka. 25 no. 5:24-31. Mj. '66.
- Optimum amount of a decolorizing agent for quality glass. T. I. Veinberg, I. V. Pishchik. Stek. i ker. 25 no. 1:15-22. Ja. '68.
- Physicochemical and electrical properties of pyrocerams in connection with their phase composition. V. Z. Petrova, E. S. Lysenko. Izv. AN SSSR, Neorg. mat. 3 no. 11:2067-2072. N. '67.
- Role of structure formation in the adsorption of polymethacrylate on glass. T. M. Polonskiy, M. M. Soltyis, I. I. Maleev. Vysnyk L'viv. un. Sci. khim. no. 8:85. Je. '67.
- Study of electrophysical properties of manganese and copper-containing glasses with electroconducting oxidized layers. E. A. Fainberg, V. L. Panovkina. Izv. AN SSSR, Neorg. mat. 3 no. 11:2123-2125. N. '67.
- Temperature dependence of strength and modulus of elasticity of glass and Pyroceram. F. M. Radomovich, L. N. Churilov, G. N. Krzenova. Izv. AN SSSR, Neorg. mat. 3 no. 11:2073-2077. N. '67.
- Throat and working end of glass furnaces for the production of wide-mouth and narrow-neck glass containers. K. A. Pchelakov. Stek. i ker. 25 no. 1:7-10. Ja. '68.
- Using additional electric heating in small regenerative glass furnaces. I. M. Sheinkop, A. I. Tumanov, M. A. Feldman. Stek. i ker. 25 no. 1:13-15. Ja. '68.
- Using high-temperature thermocouples in the production of quartz glass. V. G. Khataev, G. A. Lundenkov, I. V. Korlov. Stek. i ker. 25 no. 1:21-28. Ja. '68.
- 666.1(477)—Ukrainian S. S. R.**
- "Alye parusa" Combine of Petroleum Glassware in Nikolayev. O. I. Doroshenko. Khim. prom. no. 6:54-55. N.-D. '67.
- 666.1(73)—United States of America**
- Data on the structure of the glass industry in the U. S. A. M. I. Berezhevkovskaya, L. I. U. Kopylova. Stek. i ker. 25 no. 1:41-13. Ja. '68.
- 666.2 ENAMELS AND GLAZES**
- Ceramic metal bonds for diamond honing. A. A. A. Khokhova. Mashinostroitel' no. 11:32-33. N. '67.
- Manufacture of enamel in electric furnaces. A. I. Mal'chuk, A. M. Tatarskiy, K. M. Tatevosyan, K. A. Kostianian, Stek. i ker. 25 no. 1:27-29. Ja. '68.
- New compositions of strontium, lead-free color glaze glasses for majolica. I. U. G. Sheinberg, M. I. Nevozhina. Stek. i ker. 25 no. 1:34-35. Ja. '68.
- Perfecting the design of screw presses. N. S. Shchepilov, Z. M. Shchedrin'skaya. Stoi. mat. 13 no. 8:13-14. Ag. '67.
- 666.3 CLAY AND CERAMIC WARE**
- Ceramic-metal construction materials and their use in the light industry. D. S. Ias', N. D. Kostin, I. A. F. Nechytallo. Leh. prom. 8 no. 6:5-8. N.-D. '67.
- Improving methods of rapid determination of the residue on small sieves. D. M. Stongin. Stek. i ker. 25 no. 1:40-41. Ja. '68.
- Possibility of using alkaline kaolins in the fine ceramic industry. L. A. Shchukaleva. Dop. AN URSS Ser. B. 29 no. 12:1109-1111. D. '67.
- 666.3(436)—Austria**
- Modern ceramic plants in Austria. S. A. Kivvin. Stoi. mat. 13 no. 9:36-39. S. '67.
- 666.5 PORCELAIN AND CHINA**
- Deterioration characteristic of hard porcelain. A. I. Il'chenko, V. M. Irosheva. Leh. prom. 8 no. 6:28-30. N.-D. '67.
- Effect of the quality of kaolin on the functioning capacities of porcelain drosses. I. U. H. Kovlenko and others. Leh. prom. 8 no. 6:52-53. N.-D. '67.

5-5.5 (Continued)

Fourth International Conference on Porcelain in Karlovy Vary. G. N. Maslennikova, I. A. Iurchak, Stek. i ker. 13 no. 143-45 Ja '68.

665.5(477)—Ukrainian S.S.R.

Propositions of efficiency promoters of the porcelain and pottery enterprises of the Ukrainian S.S.R. I. S. Krutits'ka, Leh. prom. 8 no. 6 30-31 N-D '67.

Summary of the technicians of enterprises of the porcelain and pottery industry of the Ukraine S.S.R. Z. P. Sed', Leh. prom. 8 no. 6 16-18 N-D '67.

665.6 POTTERY

Use of surface-active substances in the production of firing faience tiles. G. V. Kukolev and others, Stek. i ker. 25 no. 129-31 Ja '68.

6-5.7 HEAVY CLAYWARE AND REFRACTORIES

Feed conveyor vacuum press. G. Basovych, Stroi. bud. 16 no. 119-20 Ja '68.

Highly durable facing ceramics made from wallonite. M. A. Mateev, Z. P. Nurullayev, I. S. Kashkacv, Stroi. mat. 13 no. 6 20-21 S '67.

Increasing the efficiency of a dryer and a kiln in a brick plant. G. D. Alferov, Stroi. mat. 13 no. 8 12-13 Ag '67.

New technology of brickmaking. M. I. Rogovoi, Stroi. mat. 13 no. 9 15-16 S '67.

Sintering silicon carbide bodies for refractory plates and saggars. R. G. Rozenberg, Stek. i ker. 25 no. 1 31-31 Ja '68.

Urgent problems. I. Polishchuk, Stroi. bud. 16 no. 118-13 Ja '68.

666.7(471.310)—Moscow City

Improving the technology at Moscow brickmaking plants. V. A. Trutnev, Stroi. mat. 13 no. 9 17-18 S '67.

666.8 GYPSUM AND OTHER PLASTERS

D. B. Sina, P. V. A. S. Solov'eva, and I. I. Vlasniak. [Calculations in the technology of inorganic substances] Rascheti po tekhnologii neorganicheskikh veshchestv Pod redaktsiei red. P. V. Dyubnoi Moskva "Vyssh. shkola," 1967 522 p.

Efficient regime of heat treatment of cast slag products. A. A. Rezin, L. D. Rozovskii, A. A. Prizanek, Stroi. mat. 13 no. 9 18-20 S '67.

Evaluating the technological properties of asbestos in the production of asbestos cement products. T. M. Berkovich and others, Stroi. mat. 13 no. 9 12-14 S '67.

Hydraulic activity of slaglike materials. A. A. Novopashin, G. P. Saprykin, Izv. vys. ucheb. zav., stroi. i arkh. 10 no. 5 60-66 '67.

Spectrographic method of analysis of limestone. L. I. Durdoin, A. I. Anokhina, S. A. Genshaft, Zav. lab. 33 no. 9 1037 '67.

666.8(497.2)—Bulgaria

Soviet technology of producing engineering gypsum in the People's Republic of Bulgaria. S. S. Pecharo, Stroi. mat. 13 no. 8 25-27 Ag '67.

666.9 LIME, CEMENT, MORTAR, CONCRETE

C-951, new concrete mixer. K. M. Korolev, A. G. Varsushkin, Stroi. i dor. mash. 12 no. 9 27-28 S '67.

Cementation of water-bearing and gaseous rocks during vertical shaft sinking. S. Kh. Volobuev, Shakht. stroi. 11 no. 4 16-20 Ap '67.

Chippings from fused slag in the phosphorus industry. V. A. Tereshchenko and others, Stroi. mat. 13 no. 8 15-16 Ag '67.

Conference in Budapest on the use of lightweight concretes. I. A. Gurova, N. A. Spivak, Bet. i zhel.-bet. 13 no. 8 42-45 Ag '67.

Determining the composition of high-strength autoclave concretes. L. I. Zil'bergleit, Izv. vys. ucheb. zav., stroi. i arkh. 10 no. 9 72-76 '67.

Determining the optimal relationship between fine and coarse-grained aggregates. V. N. Sumigal'skii, Izv. vys. ucheb. zav., stroi. i arkh. 10 no. 9 69-72 '67.

Developing methods for assembling cement plant installations. V. G. Naumov, Mont. i spets. rab. v stroi. 20 no. 11 23-31 N '67.

Development of new binding materials of the silicate-lydrogarnet type. V. A. Tikhonov, Ukr. khim. zhur. 32 no. 10 1127-1131 '66.

Durability of linings in rotary kilns. N. V. H'ina, M. N. Shadrina, Tsement 33 no. 6 8-8 N-D '67.

Economic reform in effect. A. N. Lluadov, A. D. Evdokimenko, Tsement 33 no. 6 12 N-D '67.

Effect of electrothermal cutting on the strength of concrete. B. A. Pavlov, V. V. Kurchakov, N. N. Litovchenko, Bet. i zhel.-bet. 13 no. 8 37-39 Ag '67.

Effect of the variety of cement on the resistance of cement stone when saturated with NaCl and KCl solutions. I. N. Akhverdov, I. V. Standshevskaia, Dokl. AN BSSR 11 no. 10 883-886 O '67.

Efficient design of a gas distributing device for gas analyzers. N. N. Red'kin, Tsement 33 no. 6 18 N-D '67.

Efficient method of grinding clinker in a closed cycle. V. A. Cherniakovskii, Tsement 33 no. 6 14-15 N-D '67.

Experimental data on the shrinkage and creep of vibrated concrete with coarse filler. A. A. Ananenko, Trudy NIIZIT no. 59 27-36 '66.

Grate cooler with dual air ducts. I. D. B. Norkov, V. V. Kovetskii, Tsement 33 no. 6 16-17 N-D '67.

Gypsum cement slabs for flooring for industrial buildings. P. A. Alalykin, A. L. Vorontsev, E. P. Smirnov, Stroi. i arkh. 10 no. 20 no. 8 26-27 Ag '67.

Heavy concrete with a filler made of pig iron. I. I. Sablin, Atom. energ. 24 no. 1 103-104 Ja '66.

H'ina, N. V., and others. [Lining rotary kilns of the cement industry] Fulerovka vrashchatushchikhstsementnoi promyshlennosti Moskva, Stroizdat, 1967. 194 p.

Improving steaming chambers and introducing ultrasonic concrete strength control. M. A. Ordall, Bet. i zhel.-bet. 13 no. 8 36-37 Ag '67.

Improving the quality of mineral wool slabs with a synthetic binder. K. E. Gotsalov, M. A. Fil'kov, Stroi. mat. 13 no. 9 31-33 S '67.

Increase the rate of building precast reinforced concrete and rock products enterprises. Bet. i zhel.-bet. 13 no. 8 1-3 Ag '67.

Influence of filler dimensions on the durability of heat-resistant concrete. L. K. Doronin and others, Dokl. AN SSSR 177 no. 5 1146-1149 D '67.

K-8 paddleless crane mixer. O. S. Kovalov, N. F. Feofanov, V. F. Sobol', Stroi. i dor. mash. 12 no. 9 25-27 S '67.

Leading workers of the cement industry. Tsement 33 no. 6 2 of cover N-D '67.

Optimum strength limit of cement concretes and some of its determining parameters. A. I. Markov, N. V. Mikhailov, Izv. AN SSSR, Neorg. mat. 3 no. 11 2129-2131 N '67.

Overall modernization of verticle "Lurgi" electric filters. A. V. Zaugol'nyi, Tsement 33 no. 6 20 N-D '67.

Potentials for the saving of fuel in the cement industry. L. V. Gudkov, V. V. Mikhailov, Prom. energ. 22 no. 11 17-19 N '67.

Quick determination of the quality and the rate of cement hardening in solutions of plastic consistency. V. N. Simigal'skii, G. P. Kormanovskii, Tsement 33 no. 6 8-9 N-D '67.

Reconstruction of recuperation systems of sheet-working machines. A. I. Timofeev, Stroi. mat. 13 no. 9 5-6 S '67.

Reconstruction of regenerator coolers. I. L. Cherap, Tsement 33 no. 6 21 N-D '67.

Repeated vibration of concrete mix. D. A. Volonkov, Bet. i zhel.-bet. 13 no. 8 35-35 Ag '67.

Roof panels from gas-diatomite concrete. V. Skariato, Stroi. bud. 16 no. 3 17-18 M '66.

SARV-N unit for the automatic control of water-cement ratio in a concrete mixture. V. V. Sudakov and others, Stroi. i arkh. 10 no. 20 no. 8 23 Ag '67.

Simplified method of calculating the uniformity of concrete strength. V. P. Brodskii, Izv. vys. ucheb. zav., stroi. i arkh. 10 no. 9 67-69 '67.

Some deviations from the principle of superimposed stresses and the theory of concrete creep. A. A. Gvozdev, A. V. Iashin, K. Z. Galustov, Bet. i zhel.-bet. 13 no. 8 23-27 Ag '67.

Some properties of lime burnt at temperatures of 1273° 2843°K. I. U. M. Buti, V. V. Timashev, D. A. Vysoetskii, Stroi. mat. 13 no. 8 10-21 Ag '67.

Subbotkin, M. I., and I. I. S. Kuritsyna. [Acid-resistant concretes and mortars from soluble glass] Kisloto-upornyie betony i rastvory na osnove zhidkogo stekla. Pod red. M. A. Matveeva, Moskva, Stroizdat, 1967. 134 p.

Technical progress of a plant in the anniversary year. A. V. Aleksandrov, Stroi. mat. 13 no. 8 3-4 Ag '67.

Technology of hot molding of components made from heavy concrete mixes. D. S. Mikhailovskii, K. I. Chernoburova, Bet. i zhel.-bet. 13 no. 8 33-35 Ag '67.

Thermal conductivity of heat-resisting high aluminate concrete in the temperature range of 200° to 1500°C. V. I. Chikhovskot and others, Teplofiz. vys. temp. 5 no. 5 789-792 S-O '67.

666.9(471.43)—Kuybyshev Province

Remote control of bearing loads in rotary kilns. A. S. Grigor'ev and others, Tsement 33 no. 6 5-6 N-D '67.

666.9(471.45)—Volgograd Province

Investigating the movement of material and the process of pulverization in rotary kilns by tagged atoms. E. S. Kichkina and others, Tsement 33 no. 6 4-5 N-D '67.

666.9(471.62)—Krasnodar Territory

Concrete is distributed by tokens. A. Lintzevich, Na stroi. Ros. 8 no. 10 24 O '67.

Electronically operated plant. F. Revin, G. Safonov, Na stroi. Ros. 8 no. 10 25 O '67.

666.9(474.2)—Estonian S.S.R.

Plant operates under new conditions. N. D. Vavilov, Tsement 33 no. 6 3 N-D '67.

666.9(474.3)—Latvian S.S.R.

Technical inventions by efficiency promoters of the Riga Plant. V. M. Zhuravlev, V. N. Kalinichenko, Tsement 33 no. 6 21-22 N-D '67.

666.9(477)—Ukrainian S.S.R.

Effect of inorganic salts and their combinations on the kinetics of portland cement hardening. E. I. Ved', Nguen-van-Tkhion, Tsement 33 no. 6 10-11 N-D '67.

Using chains in 5 x 185m rotary kilns. P. G. Berestovoi, I. A. D. Stasiuk, Tsement 33 no. 6 12-13 N-D '67.

666.9(574)—Kazakh S.S.R.

Plugging cement made from phosphoric slag. S. M. Bash, A. D. Tumanov, Sh. M. Rakhimbayev, Tsement 33 no. 6 15-16 N-D '67.

667 COLOR INDUSTRIES DYES. PAINTS

Adhesion of coatings from solvent naphtha varnishes based on thermally plasticized sapropelite. V. V. Tuturina, V. P. Katanaeva, Trudy IPI no. 27 32-35 '66.

Adsorptional interaction of surface-active agents and polymers with titanium dioxide. S. N. Tolstafa and others, Lakokras. mat. i kh. prim. no. 6 8-11 '67.

Aging of coatings from a solvent naphtha varnish based on thermally plasticized sapropelite. V. V. Tuturina, V. P. Katanaeva, Trudy IPI no. 27 23-27 '66.

Answers to the questions on the use of paint materials. A. S. Kravtsova, Lakokras. mat. i kh. prim. no. 6 82-83 '67.

Automation of the process of painting metal barrels. S. I. Borisenko, B. I. Malzel', B. TS. Okun', Lakokras. mat. i kh. prim. no. 6 62-64 '67.

Capron dyeing with metal-containing dispersion dyes. N. P. Levashina, Leh. prom. no. 2 13-45 Mv-Ap '66.

Causes of the "zebra-like" coloring of capron fabrics. I. U. M. Makarov, B. Sh. Palei, S. P. Shestareva, Tekst. prom. 27 no. 10 34-36 O '67.

Change of dispersion and structure of titanium dioxide in the process of the synthesis of pigments. I. U. D. Dolmatov and others, Lakokras. mat. i kh. prim. no. 6 14-18 '67.

Chemical stability of a solvent naphtha varnish coating based on sapropelites of the Budagovo deposit. V. V. Tuturina, V. P. Katanaeva, Trudy IPI no. 27 16-22 '66.

Choosing acid dyes for dyeing cationic polyacrylonitrile fibers. N. I. Golovanova and others, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 3 90-93 '67.

Coatings of the future. V. Zhikh, B. Esin, Tekh. i voozr. 25 no. 6 55-57 Je '66.

Dispersion analysis of some micropigments. N. N. Tsiurupa, N. D. Kogan, Lakokras. mat. i kh. prim. no. 6 58-61 '67.

Dyeing acetylfuselose and acetylbutyrate cellulose threads. Z. I. Sergeeva and others, Plast. massy no. 10 64-66 '67.

Dyeing and processing of spandex. I. I. Dvorkina, Leh. prom. 8 no. 6 56 N-D '67.

Dyeing of fabrics from blended fibers with vat dyes. T. S. Nekrasova and others, Tekst. prom. 27 no. 10 52-53 O '67.

Dyeing of high-bulk polyamide "meron" fiber. G. K. Balashova and others, Tekst. prom. 27 no. 10 55-56 O '67.

Dyeing of vinyl with disperse anthraquinone dyes containing the aliphatic aldehyde group. I. A. Kalontarov and others, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 3 105-106 '67.

Effect of a film-producing agent on the lightproofness of chrome yellows. V. V. Vozkhodantsev, Lakokras. mat. i kh. prim. no. 6 10 '67.

Effect of additional heat treatment and introduction of fillers on the strength of a solvent naphtha varnish coating. V. V. Tuturina, V. P. Katanaeva, Trudy IPI no. 27 26-31 '66.

Effect of monoethanolamide on the process of dyeing and printing polyamide fabrics with 4 SYP disperse claret. L. V. Levina, A. A. Khaikharov, E. I. Starikovskii, Izv. vys. ucheb. zav., tekhn. tekst. prom. no. 3 86-89 '67.

Effect of the size of grinding parts on the productivity of ball mills during grinding of paint pastes. I. A. Gorlovskii and others, Lakokras. mat. i kh. prim. no. 6 70-73 '67.

Effect of the waterproofing the rutile titanium dioxide on its physical and technological properties. T. A. Eimolaeva and others, Lakokras. mat. i kh. prim. no. 6 12-14 '67.

Effect of vinylpyridine and polyvinylpyridine additives on the protective properties of polymer coatings. V. I. Zavrzhina, I. U. N. Mikhailovskii, P. I. Zubov, Lakokras. mat. i kh. prim. no. 6 37-42 '67.

Measuring dielectric characteristics and the electric conductivity of paint materials and coatings. F. M. Smekhov, L. V. Nitsberg, Lakokras. mat. i kh. prim. no. 6 49-53 '67.

Mechanization and automation of the process of painting the products at the Gorkii Automobile Plant. A. K. Zhuravlev, N. D. Fedotov, Lakokras. mat. i kh. prim. no. 6 74-70 '67.

New technological method for dyeing and processing capron warp-knit fabrics. N. F. Somova, Leh. prom. no. 2 45-46 Mv-Ap '66.

Outflow of elastic-plastic thixotropic materials (pastes, dyes, and pigments) from a vibrational feeder. E. O. Reger, P. G. Iomakov, N. B. Rastkovskaya, Zhur. prikl. khim. 40 no. 11 2605-2608 N '67.

Phosphate coating on steel. J. Khleka, Tekh. i voozr. 25 no. 6 58 Mv '68.

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- Effect of deformation of the endurance limit under the effect of complex deformations. I. I. Plukhina, V. P. Goncharova. *Zashch. lab.* 33 no. 9 1122-1123 '67
- Effect of small plastic deformations of shafts subjected to surface induction hardening. I. N. Shkharov, I. L. S. Vest, mashinost. 47 no. 12 59-63 D '67
- Formed sections in industry and building. I. S. Shkharov, A. I. Cherkashin and others. *Metallurg* 12 no. 4 23-25 '67
- Consumption of electric power in rolling flange. A. A. Rivkin, A. P. Sushin. *Metallurg* 12 no. 4 23-30 Ap '67
- Formed sections made by pressure welding. G. P. Sakharov, I. A. Cherkashin. *Avtom. svai.* 20 no. 5 16-19 My '67
- Formed sections from low carbon steel. V. I. Shkharov, F. F. Gaf. *Avtom. svai.* 20 no. 5 41-45 My '67
- Effect of the process of wire patenting with rapid heating. N. K. Kaban, A. N. Marshalkin, G. A. Protasov. *Izv. vys. uch. zav., Chern. met.* 10 no. 11 135-139 '67
- Effect of hardening in deep induction heating of heavy-duty machine parts. K. Z. Shepelakovsky, V. D. Kal'ner, I. S. Vest, mashinost. 47 no. 12 53-57 D '67
- Effect of reduced-hardenable steels in the production of heavy-duty machine parts. D. I. Natanzen, Vest, mashinost. 47 no. 12 57-59 D '67
- Effect of regulated and decreased hardenable steels for heavy-duty machine parts in machine building. M. G. L. Vashkin. *Vest, mashinost.* 47 no. 12 51-52 D '67
- Reliability of thermally hardened 16G2SD steel. V. A. Shkharov and others. *Avtom. svai.* 20 no. 5 4-8 My '67
- Study of heat-treated reinforcement steel. V. A. Shkharov, V. M. Ivashchenko, V. G. Iutsak. *Izv. vys. uch. zav., Chern. met.* 10 no. 11 131-134 '67

15 ALLOYS OF IRON. ALLOY STEELS FERROALLOYS

- Effect of steel with nitrogen-free exothermic ferroalloys. A. P. Buslavsky and others. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 47-41 '67
- Effect of transformation in forgings for hot rolling. V. A. Shkharov, V. N. Tsukov. *Izv. vys. uch. zav., Chern. met.* 10 no. 11 137-141 '68
- Effect of phosphorization of metal by solid adsorbents. Report no. 1. S. I. Puzpov and others. *Izv. vys. uch. zav., Chern. met.* 10 no. 1 9-14 '68
- Effect of ferromanganese in nitrogen. I. P. Strizhakova, A. M. Zak, A. A. Isachenko. *Avtom. svai.* 20 no. 5, 74-75 My '67
- Effect of certain additions on the formation of carbide and losses of silicon. V. G. Mizin, I. V. Rachevskiy, N. V. Tolstoguzov. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 51-54 '67
- Effect of nickel and aluminum on temperature ranges and volume effects of transformation during the electric heating of hardened steels. M. V. Belous, M. A. Vasil'ev, V. G. Pismakov. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 108-111 '67
- Effect of structural transformations resulting in the transformation of ferritic alloys on an iron-chromium base. I. O. Mezhenyay, I. A. Shakov. *Izv. vys. uch. zav., Chern. met.* 10 no. 11 120-125 '67
- Friction and wear of steels in aggressive media. R. A. Mavryakova, A. V. Tunkovskaya, Khim. i nef. mashinost. no. 4 32-35 Ap '65
- Hardening of 11431A alloys by prepressing. A. A. Kaban, I. O. P. Prolov. *Izv. vys. uch. zav., Chern. met.* 10 no. 11 132-136 '68
- Investigating the fine structure of alloyed wire following isothermal treatment and drawing. V. A. Zubov, I. E. Popov, V. R. Hainaz. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 95-99 '67
- Investigating the properties of corrosion-proof nickel-base alloys. G. I. Gerasimenko, G. L. Shvarts, I. S. Mavryakova. *Khim. i nef. mashinost.* no. 1 22-24 Ju '68
- Mechanism underlying the antiferromagnetic transition in the system of ordered alloys Fe(PdPt)-V₂. V. V. Klushin and others. *Dokl. AN SSSR* 170 no. 5 1056-1058 O '67
- Production of low-carbon arsenic steel at high temperatures. E. G. Pereverzeva, A. V. Demakova, L. N. Kudryavtseva. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 110-122 '67
- Phase constitution and manganese distribution between phases of steel G13L in the cast state. N. A. Voronova and others. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 123-130 '67
- Revealing the structure of alloys during their heating in an atmosphere of ammonia. I. M. Lakhin, I. A. D. Kogan. *Izv. vys. uch. zav., Chern. met.* 10 no. 1 142-144 '68
- Studying structural constituents of ferrochromium by means of X-ray microscopy. M. I. Gaskin and others. *Izv. vys. uch. zav., Chern. met.* 10 no. 11 65-69 '67
- Studying the phase constitution of austenitic manganese steel during heat treatment. V. I. Grigorkin, I. V. Gordin, I. D. Lykhin. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 112-117 '67

16 PRODUCTION OF PIG IRON AND IRON OF FIRST MELT

- Certain characteristics of the reduction of nodules. V. N. Mikhlin, S. T. Rostovtsev, V. F. Pirogov. *Izv. vys. uch. zav., Chern. met.* 10 no. 11 28-34 '67

Electrical operation and the economy of electric power in the production of ferroalloys. B. V. Semenov. *Prum. energ.* 22 no. 12 10-13 D '67

Formation of complex model of the oxide phase during the reduction of iron. A. A. Vorobeyev, A. M. Lavin. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 12-18 '67

Give blast furnaces the large-sized and strong-charged mixture. M. I. Ostroukhov. *Metallurg* 12 no. 4 10-11 Ap '67

Influence of technological factors on blast furnace production. N. G. Vsevolod, R. V. Tikhonov. *Trudy Ural. politekh. inst.* no. 161 56-58 '67

Introduce scientific labor organization in the repair service. V. F. Morozov, M. I. Postnagina. *Trudy Ural. politekh. inst.* no. 161 72-75 '67

Making use of a "volumetric balance" to determine the progress of direct reduction in a blast furnace. A. N. Pokhvisnev, V. M. Klempert. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 20-23 '68

New design of cars for slag removal. F. F. Kreichl, D. I. Savitsky. *Metallurg* 12 no. 4 22 Ap '67

Optimum size of charging materials for blast furnaces. N. N. Chernov. *Metallurg* 12 no. 5 6-10 My '67

Organizing the assembling of the structural elements of a blast-furnace installation. I. U. L. Povetnyy, A. A. Platenok, M. A. Ispol, R. V. S. S. J. 29 no. 12 3-11 D '67

Peculiarities of the behavior of sulfur in blast furnace smelting processes during the blowing in of coal dust. S. M. Nartov, I. M. Gafelnik. *Metallurg* 12 no. 4 7-9 Ap '67

Performance of blast furnaces operating on combined blowing with 30-35% oxygen concentration. V. N. Andronov and others. *Metallurg* 12 no. 5 6-8 My '67

Planning the output of blast furnaces at the beginning and at the end of their campaigns. B. S. Glikman, T. N. Volkova. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 168-169 '67

Regularity of changes in the intensity of smelting in various capacity blast furnaces. A. N. Bondarenko, M. I. Ostroukhov. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 19-21 '67

Using pellets in blast furnace practices. A. M. Chernyshev. *Metallurg* 12 no. 5 11-14 My '67

Using the P - Q diagram to analyze the heat conditions of a blast furnace. A. N. Pokhvisnev, I. U. S. S. J. 29 no. 12 3-11 D '67

Ways of optimizing expenditure for the production of coke for smelting cast iron. Report No. 1. A. A. Kozlov, I. S. Solomakhin. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 24-27 '68

660. 16(471.323)—Kursk Province

Caking capacity of the ore for sintering from deposits of the Kursk Magnetic Anomaly. B. M. Nosovitskii, N. I. Novichukova. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 24-29 '67

660. 16(477)—Ukrainian S. S. R.

The blast-furnace operators: a sketch. F. Rasporin. *Sov. profsoyuz.* 23 no. 21 20-23 D '67

Ways of increasing the yield of capital in ferrous metallurgy. T. Ben', I. Vasylychova. *Tkhan. Rad.* Ukr. 10 no. 7 37-41 D '67

660. 18 PRODUCTION OF STEEL AND WROUGHT IRON

Adopting the smelting of killed steel in 500-ton open-hearth furnaces. D. G. Nosov and others. *Metallurg* 12 no. 5 21 My '67

Algorithm for modeling the supply of fused metal of a steel plant. N. G. Slatova. *Avtom. i telem.* no. 11 109-177 N '67

Analyzing the regularities of formation of nonmetallic inclusions in rimmed steel ingots. V. F. Gubai, A. A. Karakov, M. A. Medzhbizhskii. *Izv. vys. uch. zav., Chern. met.* 10 no. 1 32-38 '68

Blowing of low-carbon metal in 160-ton arc furnaces. E. F. Mazurov and others. *Izv. vys. uch. zav., Chern. met.* 10 no. 1 53-57 '68

Calculating the curve of rectangular ingot solidification. V. G. Temnik. *Izv. vys. uch. zav., Chern. met.* 10 no. 1 48-52 '68

Causes of discharges from oxygen-blown converters. V. S. Kochko and others. *Metallurg* 12 no. 4 18-19 Ap '67

Determining the capital yield index. A. I. Postnagina, V. T. Fol'va. *Trudy Ural. politekh. inst.* no. 161 22-26 '67

Effect of deoxidation and inoculation on contamination and certain properties of rail steel. E. I. Zavrin and others. *Izv. vys. uch. zav., Chern. met.* 10 no. 11 51-59 '67

Effect of surface properties in the removal of nonmetallic inclusions in liquid steel. D. I. Pavlotskii, V. A. Kozheurov, V. E. Roschin. *Izv. vys. uch. zav., Chern. met.* 10 no. 11 20-24 '67

Effect of turbulence on the character of changes in heat flow in the hearth of an open-hearth furnace. S. N. Gushchin and others. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 144-146 '67

Electric smelting of steel with the use of a liquid semi-finished product. V. D. Arsen'ev. *Izv. vys. uch. zav., Chern. met.* 10 no. 11 70-73 '67

Engineer, a high calling. B. M. Sergo. *Metallurg* 12 no. 4 38 Ap '67

Evaluating the participation of a stream of liquid steel on the process of its degasification in liquid steel. G. A. Sobolov, V. E. Zakharenko. *Izv. vys. uch. zav., Chern. met.* 10 no. 1 30-42 '68

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Improving vacuum-arc remelting. M. S. Vukobratich and others. *Metallurg* 12 no. 1 19-21 My '67

Kinetics of decarburization of metal by oxygen. I. U. G. Medzhbizhskii, S. K. Chuchmarov, G. A. Tsin. *Izv. vys. uch. zav., Chern. met.* 10 no. 1 13-19 '68

Kinetics of nitrogen separation from liquid metals in vacuum. A. L. Sobolevskii, B. V. Lichnevskii. *Izv. vys. uch. zav., Chern. met.* 10 no. 1 62-66 '68

Kinetics of the oxidation of carbon and chromium during the smelting of 160-ton steel with the use of carbon ferrochromium. A. I. Khitrik and others. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 43-50 '67

Mechanism of the oxidation of impurities in iron during the blowing by oxygen and air. M. I. Medzhbizhskii. *Izv. vys. uch. zav., Chern. met.* 10 no. 11 46-50 '67

Metallurgical dephosphorization by means of injecting powdered sorbents with a flow of oxygen. G. I. Simonen, L. K. Koryukov, V. S. Laktionov. *Izv. vys. uch. zav., Chern. met.* 10 no. 1 58-61 '68

Method of estimating the heat absorption of an open-hearth furnace charge. I. U. A. Mikhailov, F. V. Abrosimov. *Izv. vys. uch. zav., Chern. met.* 10 no. 1 43-47 '68

Methods of distributing expenditures according to conversion in an open-hearth furnace plant, in furnaces of varying capacity. I. U. F. Lunov, V. A. Podolskii. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 169-171 '67

Nature of primary products of iron decarburization by aluminum. A. A. Vorobeyev, A. M. Lavin, S. N. Hremenko. *Izv. vys. uch. zav., Chern. met.* 10 no. 11 74-79 '67

New design of cars for slag removal. F. F. Kreichl, D. I. Savitsky. *Metallurg* 12 no. 4 22 Ap '67

Open-hearth, undred autoclave-treated billets as a new type of oxidizer. I. U. A. Baskin, V. S. Dmitriyevskii. *Izv. vys. uch. zav., Chern. met.* 10 no. 12 12-16 '67

Packing hearths of open-hearth furnaces. A. G. Trifonov and others. *Metallurg* 12 no. 5 22-21 My '67

Peculiarities of the capping of low-carbon rimmed steel in the pouring from above. G. S. Kolyganov, N. P. Tarasov. *Metallurg* 12 no. 5 15-17 My '67

Predicting the duration of open-hearth furnace smelting. V. H. Kaganov, V. G. Sivolapov. *Izv. vys. uch. zav., Chern. met.* 10 no. 11 60-61 '67

Regularity of decarburization during the oxygen blowing of an open-hearth furnace. M. A. Glinkov and others. *Izv. vys. uch. zav., Chern. met.* 10 no. 1 28-31 '68

Self-carburization of natural gas in a pressure, straight-flow regenerative reactor. I. G. Blankhina and others. *Izv. vys. uch. zav., Chern. met.* 10 no. 11 65-170 '67

Statistical modeling of open-hearth furnace heats in the finishing period. M. A. Glinkov and others. *Izv. vys. uch. zav., Chern. met.* 10 no. 1 172-176 '68

Studying the finishing period of open-hearth furnace smelting during the blowing of the bath with oxygen and compressed air. V. S. Kochko and others. *Izv. vys. uch. zav., Chern. met.* 10 no. 1 177-181 '68

Use of metal scrap in oxygen-blown converters. D. D. Rudakov, A. P. Vashishvili, N. K. Zhilkin. *Metallurg* 12 no. 4 10-10 My '67

660. 18(471.5)—Ural regions

Practice in developing plans for scientific labor organization in enterprises of ferrous metallurgy. B. I. Chankin and others. *Trudy Ural. politekh. inst.* no. 161 50-52 '67

Technological factors in combining and increasing labor productivity in ferrous metallurgy. L. A. Borisova. *Trudy Ural. politekh. inst.* no. 161 115-118 '67

660. 18(477)—Ukrainian S. S. R.

Potentialities of increasing the production of steel, and improving the use of capital assets in open-hearth plants. O. Antonets. *Tkhan. Rad.* Ukr. 9 no. 12 56-61 D '66

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- Continuous control of the transparency of tracing paper on the calendar. G. A. Kuntzich, Bum. prom. no. 5 21-25 My '65.
- Decolorization of sewage waters coming from continuous sulfite pulp cooking. A. A. Ignatenko and others, Bum. prom. no. 5 16-17 My '65.
- Effect of the speed of circular-screen machines on the mechanical properties of paperboard. G. M. Bogomol, Bum. prom. no. 5 5-8 My '65.
- Important problem of machine builders. Bum. prom. no. 5 1-2 My '65.
- Improve the consuming properties of paper. L. N. Nemchenko, Bum. prom. no. 5 21 My '65.
- Fasten coatings for chalking. I. U. N. Khimova, Bum. prom. no. 5 9-11 My '65.
- Study of the character of acid groups of lignosulfite acids by conductometric analysis. I. A. V. Nikitin, V. M. Nikitin, Bum. prom. no. 5 12-13 My '65.
- Technology and equipment of the woodpulp, paper, and printing industry. Ref. zhur. Tekh. labor. sel. bum. i poligr. proizv. no. 12(37), Dec 1967. Predmetnyi ukazatel' za 1966.
- Testing of the turbulent "Venturi" apparatus. V. F. Maksimov and others, Bum. prom. no. 5 14-15 My '65.

676(41)—United Kingdom and Northern Ireland

- New research center of the paper industry of Great Britain. K. A. Vainov, Bum. prom. no. 5 30-31 My '65.

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- Analyzing the performance of a drawing device with a roller of a single-process spinning machine. B. S. Mikhailov, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 52-56 '67.
- Books on the practical course of processing of textile fabrics. Shkola i proizv. 11 no. 12 60 D '67.
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- Changes of the stiffness module of yarn, spun from combs during stretching depending on the degree of its twist and the duration of loading. I. M. Dvornitskii, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 8-11 '67.
- Characteristic of the basic mechanisms of the IO/AT cotton machine producing knit outerwear products. L. K. Vashchenko, Leh. prom. no. 2 10-23 Mr.-Ap '65.
- Characteristics of planning and calculating the calf part of cotton hose with capri on thread produced by a fast method. D. T. Braha, Leh. prom. no. 2 30-34 Mr.-Ap '65.
- Chemical refining of flax bast. M. A. Sobolev and others, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 30-33 '67.
- Choice of the angle of flow for the drawing device of the spinning machine. I. U. V. Pavlov, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 42-47 '67.
- Choosing acid dyes for dyeing cationic polyacrylonitrile fibers. N. I. Golovanova and others, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 80-93 '67.
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- Comparative characteristics of knitted fabrics made of viscose and acetate silk. S. A. Salimov, A. D. Gasanov, Za tekhn. prog. 6 no. 11 44-45, 48 N '66.
- Comparative testing of lint-cleaning devices with mechanical and electric drives. V. V. Karpinski, Tekst. prom. 27 no. 10 30-32 O '67.
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- Dependence of deformation properties of extra-strong synthetic lavalan fiber on temperature. A. M. Stalevich and others, Leh. prom. 8 no. 6 42-44 N-D '67.
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- Dyeing and processing of spandex. L. I. Dvorkina, Leh. prom. 8 no. 6 56 N-D '67.

- Dyeing of fabrics from blended fibers with vat dyes. E. S. Nekrasova and others, Tekst. prom. 27 no. 10 52-53 O '67.
- Dyeing of vinyl with disperse anthraquinone dyes containing the aliphatic aldehyde group. I. A. Kalontarova and others, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 105-108 '67.
- Dynamic overload during the starting of drum-type sizing machines used for synthetic yarn production. V. P. Voloschenko, V. P. Serdiuk, Leh. prom. 8 no. 6 21-22 N-D '67.
- Economic effectiveness of scientific research in textile machinery manufacture. I. V. Samburova, Tekst. prom. 27 no. 10 65-68 O '67.
- Effect of laundering on cellulose fabrics bleached and modified with urea derivatives. D. M. Sadykova, S. S. Palladov, Tekst. prom. 27 no. 10 56-61 O '67.
- Effect of moisture on the physical and mechanical properties of nonwoven fibrous films with polymer binders. V. G. Zakharova, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 17-20 '67.
- Effect of monothanolamide on the process of dyeing and printing polyamide fabrics with 4 SMP disperse dyes. L. V. Levina, A. A. Khaikharov, E. E. Starikov, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 86-89 '67.
- Effect of the strength of core on the strength of knit-stitched nonwoven fabric. M. I. Morozova, Leh. prom. 8 no. 6 13-14 N-D '67.
- Effect of the unevenness of the slubbing on the unevenness of woolen spun yarn. Z. S. Tykhalova, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 48-51 '67.
- Effect of the use of production funds on the profitability of the production. N. V. Altundzhii, T. A. Alekseeva, Tekst. prom. 27 no. 10 69-72 O '67.
- Effective use of fabric and wastes. M. M. Zeif, G. V. Kudinov, Shvein prom. no. 6 32-33 N-D '67.
- Effectiveness of nonwoven packing materials. V. I. Gabletman, I. A. S. Sautov, Tekst. prom. 27 no. 10 51-52 O '67.
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- Even stretching of knit fabric with rollers of the circular machine. P. P. Sheiman, V. M. Lazarenko, Leh. prom. 8 no. 6 38-40 N-D '67.
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- Experimental study of the mechanism of oscillating motion of the separating device of the G-4 combing machine. V. K. Polakov, P. P. Dobrovolskii, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 143-148 '67.
- Experimental testing of a new design for stuffing box packings. K. H. Topolids, M. S. Lavrynenko, Leh. prom. 8 no. 6 55 N-D '67.
- Fabrics and accessories for work clothes. P. Famin'skii, E. Solov'eva, Tekh. est. 3 no. 5 26-27 My '67.
- Further development of science. Tekst. prom. 27 no. 10 3-6 O '67.
- Improving the mechanism for the feeding of rubberized thread into DLTs and AN-1 hoisting machines. I. A. Medvid', Leh. prom. 8 no. 6 55 N-D '67.
- Infrastructure plant and brigade business accounting in conditions of the new planning and economic incentive system. A. I. Chyzheva'skii, H. Sh. Rozenman, Leh. prom. 8 no. 6 8-13 N-D '67.
- Intraplant analysis of production costs in the production of synthetic fibers. V. P. Barankin, Khim. prom. Ukr. no. 6 42-44 '67.
- Introduction of completed scientific works into the industry. by the Leningrad Scientific Research Institute of the Textile Industry. I. S. Shulchko, Tekst. prom. 27 no. 10 6-8 O '67.
- Irregularity in blending. V. E. Zotikov, Tekst. prom. 27 no. 10 20-23 O '67.
- Knitting of carded cover fabric on the "Vanit" circular knitting machine. F. A. Moiseenko, M. A. Alekseeva, A. B. Holovushkina, Leh. prom. 8 no. 6 35-37 N-D '67.
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- Measuring static electricity in fibrous materials. A. I. Merkulova, Tekst. prom. 27 no. 10 64-65 O '67.
- Mechanical purification of waste waters. L. V. Krasovskii, Tekst. prom. 27 no. 10 61-62 O '67.
- Methodology for calculating the cleaning effect of cotton-cleaning machines. B. A. Levkovich and others, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 26-29 '67.
- Methodology for studying the structure of serge and fabrics of other weaves. V. P. Sil'niannikov, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 12-16 '67.
- Methods for cutting of loops of the hooked tape of a woven hook-clasp. V. A. Ryman, Leh. prom. 8 no. 6 22-23 N-D '67.

- Model for the problem of linear programming as applied to the planning of the textile industry. L. N. Nakitina, F. F. Borzdudnyi, Izv. vys. ucheb. zav. tekst. prom. no. 3 3-7 '67.
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- Need to substitute cotton thread used in the sewing of coats made from a film-coated capton fabric. L. D. Diablova, Shvein prom. no. 6 21-24 N-D '67.
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- Nonwoven knit-stitched fabric for warm footwear. L. V. Kubaeva, Leh. prom. no. 2 6-8 Mr.-Ap '65.
- Organosilicon amines as sizing for glass-reinforced plastics. V. B. Losev and others, Plast. massy no. 10 61-62 '67.
- Performance of buffered shock absorbers of the shuttles of metal-cloth looms. B. Z. Popov, G. M. Smirnov, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 132-137 '67.
- Planar movement of a flexible thread over a surface. I. I. Mikhushov, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 138-142 '67.
- Printing with nonsoluble azo dyes on fabrics made from waterproof synthetic fibers. V. K. Kuglov, O. P. IER-shov, O. O. Kharkharov, Leh. prom. 8 no. 6 45-47 N-D '67.
- Probability of wolf omission during the slippage of yarn from the bobbin. I. P. Binaev, V. A. Gordeev, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 64-68 '67.
- Problem of decreasing the tearing rate in weaving moisted warp yarn with the use of synthetic fibers. S. G. Gostakhi, V. M. Sokolov, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 80-85 '67.
- Process for fluffy high-bulk yarn twisting. A. V. Stojanov, Leh. prom. no. 2 34-38 Mr.-Ap '65.
- Production of filter fabrics from synthetic fibers on cotton manufacturing equipment. A. P. Bilenko, Leh. prom. no. 2 3-6 Mr.-Ap '65.
- Production of staple bast fiber. V. A. Daren'skii, Tekh. i ker. 25 no. 1 38-40 Ja '68.
- Proposals of the efficiency promoters. Tekst. prom. 27 no. 10 16-19 O '67.
- Proposals of efficiency promoters at the Chernovitsy Hoisting Combine. I. A. M. Bykov, Leh. prom. no. 2 52 Mr.-Ap '65.
- Prospects for automatic cutting of knitted fabrics. D. R. Amukhanov, I. I. Kapustin, Tekst. prom. 27 no. 10 42-45 O '67.
- Relaxometer for the study of fibers. A. I. Smirnov, Leh. prom. 8 no. 6 47-49 N-D '67.
- Rewinding of yarn into a cylindrical packing with ends of a given form. F. D. Efremov, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 57-61 '67.
- Scientific research in the textile industry of the United States. V. V. Zubchankin, Tekst. prom. 27 no. 10 71-77 O '67.
- Sizing of cotton yarn as a control object. I. U. D. Sychevskaya, I. A. V. Mil'man, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 100-113 '67.
- Some technological and economic indices for the production of high-bulk yarn and of products manufactured from it. L. S. Smirnov, Leh. prom. no. 2 14-16 Mr.-Ap '67.
- Stability of the closed circuit of the gravity field. M. A. Zak, tekhn. tekst. prom. no. 3 152-15 '67.
- Statistical determination of the reliability of an automatic device AT-100-5M automatic. Shavlugo no. 2 22-23 '67.
- Sizing of cotton yarn. Kuz'min, L. I. Dobrosel'dov, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 125-127 '67.
- Studying the starting speedup of a capped spindle by high-speed filming. N. V. Medvedovskaya, N. I. Truetskov, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 34-36 '67.
- Technological and economic premises for using asynchronous slip couplings in the system of the electrical drives moving several machines of the production lines of the finishing department. A. M. Bystrov, I. U. V. Zakorutkin, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 110-124 '67.
- Textolite on a nonwoven base. P. V. Melent'ev and others, Plast. massy no. 10 59-60 '67.
- Use of a modified mobile system of warp roller in the main screw-type regulator. I. U. F. Erokhin, Izv. vys. ucheb. zav. tekhn. tekst. prom. no. 3 69-71 '67.
- Use of organosilicon compounds for the decrease of fabric shrinkage. G. S. Bezruchko and others, Tekst. prom. 27 no. 10 54-55 O '67.

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- Structural modification of microplastic during its processing. M. S. Putin, B. A. Mutsaers. *Plast. massy* no. 10 43-45 '67.
- Structural modification of amorphous plastics. M. S. Putin, B. A. Mutsaers. *Mashinostroitel'* no. 9 14-16 '67.
- Temperature dependence of some properties of polyurethanes in solution and in block. A. F. Nesterov and others. *Vysokom. soed. Ser. A* 9 no. 11:2459-2463 N '67.
- Testing plastics for resistance to multiple impact. B. D. Matveev. *Plast. massy* no. 10 56-58 '67.
- Use of organosilicon polymers for processing of fabrics and artificial fur made from synthetic fibers. M. M. Hordunenko. *Leh. prom.* no. 2 41-43 *Mi. Ap.* '66.
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- Anionic polymerization of methyl methacrylate in ethylene glycol solution. M. S. Tsvekov, E. P. Kovalev. *Vysokom. soed. Ser. A* 9 no. 11:273-275 '67.
- Catalytic activity of acid aluminosilicates in polymerization of styrene. I. A. Kusnitsyna, I. K. Ostrovskaya. *Vysokom. soed. Ser. A* 9 no. 11:2510-2514 N '67.
- Chain transfer reactions during polymerization of ethylene on chromium oxide catalyst. L. P. Ivanov, I. U. Frimakov, A. I. Gel'fstein. *Vysokom. soed. Ser. A* 9 no. 11:2422-2425 N '67.
- Change of supermolecular structure of polyethylene during isomerization. V. S. Kuznetsov, S. Nizamedinov, A. I. Stutsker. *Vysokom. soed. Ser. A* 9 no. 11:2352-2357 N '67.
- Control of high-capacity reactors for acetylene hydrochlorination. V. E. Gornushko. *Khim. prom. Ukr.* no. 6 40-41 '67.
- Copolymerization of butadiene with 3, 4, 7-trimethyl-5-octene-7-one-3, 4-diol. V. I. Nikitin and others. *Kauch. i rez.* 26 no. 10 19-20 '67.
- Copolymerization of polybutadiene rubbers with styrene. N. V. Galenko, V. B. Zolina, A. M. Komashko. *Plast. massy* no. 10 6-8 '67.
- Copolymerization of styrene with methacrylic acid in the presence of Lewis bases. A. F. Nikolaev, V. M. Gaid'perin. *Vysokom. soed. Ser. A* 9 no. 11:2469-2472 N '67.
- Copolymers of salts of unsaturated dicarboxylic acids, methacrylic acid and N-methacryloyl caprolactam. E. V. Kuznetsov, D. M. Tairakhberova. *Izv. vuz. ucheb. zav. Khim. i khim. tekhn.* 10 no. 10 1166-1168 '67.
- Correlation of exaltation of refraction of styrene derivatives with Q-parameters of Alfrey-Price. B. A. Zaitsev. *Vysokom. soed. Ser. A* 9 no. 11:2343-2347 N '67.
- Deterioration of polyacid and diethylphthalate in shock-resistant polystyrene. V. A. Balandina and others. *Plast. massy* no. 10 53-54 '67.
- Determination of relative activity of monomers in copolymerization of vinyl chloride with acrylic and methacrylic acids. A. G. Kionman and others. *Vysokom. soed. Ser. A* 9 no. 11:2503-2509 N '67.
- Determination of the molecular weight of polymethacrylates. L. F. Efremova, S. Z. Kaplan, I. E. Pils. *Khim. i tekhn. topl. i masel* 10 no. 6:24-28 *Je* '65.
- Dyes with hydroxymethyl groups for dyeing polyethylene terephthalate. G. N. Smirnova and others. *Izv. vuz. ucheb. zav. Khim. i khim. tekhn.* 10 no. 10 1154-1156 '67.
- Effect of admixtures on ethylene polymerization on chromium oxide catalysts. B. G. Fedotov and others. *Plast. massy* no. 10 9-12 '67.
- Effect of plasticization mechanism on the wear of polyvinyl chloride resin. S. B. Ratner, H. S. Barshstein, E. G. Lurie. *Vysokom. soed. Ser. A* 9 no. 11:2358-2361 N '67.
- Effect of sulfur-containing compounds on the process of stereospecific polymerization of butadiene. G. N. Parfenova, V. A. Krol', R. N. Kotel'ma. *Kauch. i rez.* 26 no. 10 14-16 '67.
- Effect of technological factors on the strength of welded joints of a polyethylene film. Sh. L. Sharipov. *Plast. massy* no. 10 49-52 '67.
- Effect of the preparation of base on the strength of polymeric protective coatings. G. V. Sokolov, N. M. Davydov, V. N. Naumov. *Stroitel. mat.* 13 no. 8:30-31 *Ag* '67.
- Evaluating factors affecting the durability of polyvinyl chloride. A. A. Akopdzhanov, N. N. Bokshitskii, M. G. Dranovskii. *Mashinostroitel'* no. 9 16-18 '67.
- Evaluation of wear resistant metal and polymer friction pairs in friction buffers of KVZ-TSNI car trucks. G. V. Gnerdillova. *Trudy TSNI MFS* no. 345 105-111 '67.
- Experience of the Ural Heavy Chemical Machinery Plant in lengthening the life of nonmetal parts. A. S. Prokhorzhenskaya. *Khim. i nef. mashinost.* no. 1 42 *Ja* '68.
- Formation of polymer films from toluene on metal surface under the effect of glow discharge of alternating current. L. S. Tuzov and others. *Vysokom. soed. Ser. A* 9 no. 11:2414-2421 N '67.
- Infrared spectra of polyvinyl alcohol. L. V. Smirnov, N. P. Kulikova, N. V. Platonova. *Vysokom. soed. Ser. A* 9 no. 11:2515-2520 N '67.
- Investigation of polymers by electronic probe. I. U. P. Egorov, F. G. Moisia. *Izv. Teor. i eks. khim.* 3 no. 6 772-785 N-D '67.
- Mechanism of vinyl chloride polymerization under the effect of the catalytic system $\text{Fe}(\text{OC}_2\text{H}_5)_3 - \text{Al}(\text{C}_2\text{H}_5)_3 - \text{iso-C}_4\text{H}_9\text{Cl}$. O. P. Budnova, V. V. Mazurek. *Vysokom. soed. Ser. A* 9 no. 11:2393-2400 N '67.
- Modification of adhesion behavior of synthetic fibers by radiation grafting of fluorocopolymers. A. I. Kurilenko, I. G. Nikulina, E. P. Danilov. *Vysokom. soed. Ser. A* 9 no. 11:2376-2380 N '67.
- Modification of polyethylene in processing. B. N. Aitenenko. *Mashinostroitel'* no. 9 18-20 S '67.
- Molecular mobility in polyisoprene. V. P. Petrosian, Sh. T. Egidzhian. *Vysokom. soed. Ser. A* 9 no. 11:2464-2468 N '67.
- New method for the preparation of a latex paste for the processing of artificial fur. O. F. Syrokhin. *Leh. prom.* no. 2 51 *Mi. Ap.* '66.
- Polyhydroxynezone as an effective domestic aging-preventing substance for rubber. L. G. Angert, A. S. Kuz'minskii. *Kauch. i rez.* 26 no. 10 38-40 '67.
- Physicochemical properties of heat treated polycarbonate. L. N. Magazanova, V. N. Kestelman, A. D. Kuritsyna. *Mashinostroitel'* no. 9 35-36 S '67.
- Plasticizing effect of different types of aromatic compounds on polyvinyl chloride. F. I. Abramova, V. I. Andreev, V. A. Voskresenskii. *Vysokom. soed. Ser. A* 9 no. 11:2370-2375 N '67.
- Polymerization and copolymerization of N-vinyl-3, 5-dimethylpyrazole. G. S. Kolesnikov and others. *Vysokom. soed. Ser. A* 9 no. 11:2492-2495 N '67.
- Polymerization of methyl methacrylate in the presence of sulfur in photo- and chemical initiation. G. P. Gladyshev, G. V. Lepilkin. *Vysokom. soed. Ser. A* 9 no. 11:2438-2441 N '67.
- Possibility of isomerization polymerization of some styrene derivatives. N. D. Prishchepa and others. *Vysokom. soed. Ser. A* 9 no. 11:2426-2430 N '67.
- Preparing epoxy resin plates and blocks for study by the optical polarization method. E. L. Tochilin and others. *Zav. lab.* 33 no. 6:753-755 '67.
- Preparation and properties of poly- β -cyanoethyl and poly- β -chloroethyl esters of methacrylic acid. V. P. Zakordonskii, T. M. Polonskiy. *Vysokom. soed. Ser. A* 9 no. 11:2438-2441 N '67.
- Radiation-induced graft copolymerization of fluorocopolymers on oriented polymer fibers. A. I. Kurilenko, F. P. Danilov, V. L. Kapov. *Vysokom. soed. Ser. A* 9 no. 11:2362-2369 N '67.
- Reduction of macromolecular polymethacrolein by aluminum lithium hydride. I. V. Andreeva, M. M. Kotov, L. A. Madorskaya. *Vysokom. soed. Ser. A* 9 no. 11:2496-2502 N '67.
- Resistance to cracking of extrusion sheet polyethylene of high density. L. V. Lantukh, R. I. Fedukova, I. U. P. Chizhov. *Plast. massy* no. 10 62-63 '67.
- Role of structure formation in the adsorption of polymethacrylate on glass. T. M. Polonskiy, M. M. Soltys, I. I. Maleev. *Vysokom. soed. Ser. A* 9 no. 11:2438-2441 N '67.
- Some rules governing the grafting of styrene to polypropylene films. A. S. Tavina and others. *Vysokom. soed. Ser. A* 9 no. 11:2473-2477 N '67.
- Structure of polymers of 2, 3-dimethyl-1, 3-butadiene. I. A. Livshits and others. *Vysokom. soed. Ser. A* 9 no. 11:2521-2525 N '67.
- Structure of the particles and structure of the films of some latexes of acrylic copolymers. V. L. Efiseeva and others. *Vysokom. soed. Ser. A* 9 no. 11:2478-2481 N '67.
- Study of the effect of structure forming on the weatherproofness of paint coatings based on alkyd resins. M. I. Kariakina and others. *Lakokras. mat. i kh. prim.* no. 6 20-25 '67.
- Study of the kinetics of emulsion polymerization of 2, 3-dimethylbutadiene. R. Zaitel'man, G. D. Berzhno. *Izv. vuz. ucheb. zav. Khim. i khim. tekhn.* 10 no. 10 1157-1160 '67.
- Study of the strength properties of filled polymethylphenylsiloxane K-47 varnish. V. I. A. Paschenko. *Khim. prom. Ukr.* no. 6 24-25 '67.
- Studying the effect of zinc glycerinate on the vulcanization of rubber mixtures based on butadiene-nitrile elastomers and the properties of rubbers. R. Sh. Frenkel', G. M. Morozova. *Kauch. i rez.* 26 no. 10 41-42 '67.
- Studying the vulcanization of fluorinated rubbers with alkali metal derivatives of bis-phenols. A. S. Movikov and others. *Kauch. i rez.* 26 no. 10 21-24 '67.
- Suspension method of obtaining polystyrene with a high molecular weight. E. N. Eremina and others. *Plast. massy* no. 10 3-6 '67.
- Synthesis of initial products for the manufacture of heat-resistant polymers (chloromethylation of diphenyl oxide). E. P. Tepenitsyna, M. I. Farberov, A. P. Ivanovskii. *Zhur. prikl. khim.* 40 no. 11:2540-2546 N '67.
- Synthetic rubber industry during the 50 years of Soviet rule. V. M. Sobolev. *Kauch. i rez.* 26 no. 10 2-6 '67.
- Temperature transition in solutions of atactic poly- β -vinylisobutylene. V. E. Eskin, I. M. Serdyuk. *Vysokom. soed. Ser. A* 9 no. 11:2431-2437 N '67.
- Testing potassium octyl benzoate as an emulsifier in the process of emulsion polymerization. S. D. Mekhtie, Z. M. Ramazanzade, S. V. Sapunkova. *Izv. vuz. ucheb. zav. nef. i gaz.* 8 no. 9 65-69 '65.
- Use of polymer peroxide of 1, 16-hexadecanedicarboxylic acid for the initiation of styrene polymerization. R. P. Markovskaya. *Vysokom. soed. Ser. A* 9 no. 11:2459-2463 N '67.
- Using compositions on an epoxy resin base for the preparation of metallographic sections. S. L. Naumov, K. V. Markevich. *Zav. lab.* 33 no. 6 741-742 '67.
- Vulcanization of chloroprene rubber with stearic acid salts. I. P. Chernuk, G. A. Blokh, Zh. A. Kozhanchikova. *Khim. prom. Ukr.* no. 6 50-51 '67.
- 678.8 OTHER MACROMOLECULAR MATERIALS**
- Molecular weights in post-polymerization of trioxane. G. M. Trofimova and others. *Vysokom. soed. Ser. A* 9 no. 11:2329-2331 N '67.
- Organosilicon amines as sizing for glass-reinforced plastics. V. B. Losev and others. *Plast. massy* no. 10 61-62 '67.
- Phosphorus-containing polymers based on hydroxymethyl phosphines and phenols. K. A. Petrov, V. A. Parshina, G. M. Petrova. *Plast. massy* no. 10 26-28 '67.
- Studying the polydispersion of polyester-carbonates by the chromatographic adsorption method. I. G. Saikhanov and others. *Plast. massy* no. 10 37-38 '67.
- Thermal destruction of polymethylvinylsilazane. I. I. Skorokhodov and others. *Plast. massy* no. 10 39-40 '67.
- Use of organosilicon compounds for the decrease of fabric shrinkage. G. S. Bozuechko and others. *Tekst. prom.* 27 no. 10 54-55 O '67.
- Use of ultrasonic waves for the control of the production of silicone rubbers. L. I. Lifshits, A. V. Karlin, V. M. Trofimov. *Kauch. i rez.* 26 no. 10 17-19 '67.
- 679.8 STONE INDUSTRY AND TECHNOLOGY**
- Enrichment of fluoroplogopite. A. I. Kiets, A. A. Anisimova, S. I. Matveev. *Trud. IPI* no. 27:151-155 '66.
- 681 PRECISION MECHANISMS, APPARATUS AND MACHINES, INSTRUMENTS**
- Algorithm for modeling the supply of fused metal of a steel plant. N. G. Slatova. *Avtom. i telex.* no. 11:169-177 N '67.
- Analysis of a measuring converter with linear fluctuating transducers and an averaging device. V. A. Fedorov. *Avtometriia* no. 4 48-55 *Ja-Ag* '67.
- Modified form of ENO-1 oscillograph for electrophysiological examinations. H. A. Mozhaiev. *Fiziol. zhur. [Ukr.]* 14 no. 1 130-135 *Ja-F* '68.
- Testing of the turbulent "Venturi" apparatus. V. F. Mak-simov and others. *Dum. prom.* no. 5:14-15 *My* '66.
- 681.1 WHEEL MECHANISMS, CLOCKWORK, COUNTING, COMPUTING AND CONTROL DEVICES**
- [Addition of two matrices using an external memory]. *Slozhenie dvukh matrits s ispol'zovaniem vnesheish pamiati* Moskva, 1966, 17 p. (Biblioteka programmy dlia EVM. IV. Obshchematematicheskii razdel, no. 33)
- AGZU-1 automated group measuring unit. I. U. Vinogradov and others. *Mash. i nef. obozr.* no. 12 23-25 '67.
- Algorithm for solving a problem in optimum planning for equipment. L. M. Abramov, V. G. Golovov, K. A. Gor'kova. *Pril. mat. v ekon.* no. 4 10-20 '67.
- Allowing for the pulse-type performance of intermediate memory devices. G. I. Zabitkin, T. Shetel, V. D. Shibaev. *Pril. i tekhn. eksp.* 11 no. 5 115-118 S-O '66.
- Analysis of the performance of a pneumatic drying installation of a peat briquet plant with use of electronic digital computers. I. A. S. Opman, F. B. Peketia. *Tor. prom.* 44 no. 8:20-22 '67.
- Apparatus for recording and readout of information. V. T. Barsukov and others. *Pril. i tekhn. eksp.* 11 no. 5 119-123 S-O '66.
- Assembled programmed robots in machine building. A. V. Gritgor'ev. *Izv. vuz. ucheb. zav. mashinost.* no. 11:151-155 '67.
- Automatic alkali measuring device with a four-electrode transducer. E. S. Krichovskii, E. P. Tonkoi. *Obog. rud.* 12 no. 3:41-45 '67.
- [Automatic control, remote control, and computer technology] Ref. zhur.; *Avtom. i telex. i vych. tekhn.* nos. 1-3, Jan.-Mar. 1968. *Predmetnyi ukazatel'* za 1968 g.
- Automatic control systems for grinding processes and classification on contactless apparatus. A. S. Davidko-vich and others. *Gor. zhur.* 143 no. 1:55-57 *Ja* '68.
- Automatic counting and size classification of microscopic particles; review. A. L. Sobolev. *Zav. lab.* 33 no. 6: 716-723 '67.
- Automation and control. I. Sindov and others. *Tekhn. i vooruzh.* no. 8 48-55 *Ag* '65.
- Automation everywhere. I. Smirnov. *Tekhn. i vooruzh.* 25 no. 10:72-75 O '66.
- Automation of management. N. Varlanov, F. Kotiurgin. *Ty i snab. Sov. Voor. Sil* 26 no. 6:73-76 *Ja* '66.
- Automation of the process of minimizing the isotomorphism. V. D. Kurganov, L. E. Zinov'ev, D. N. Kartashov. *Izv. vuz. ucheb. zav. mashinost.* no. 11:54-58 '67.
- [Calculation of flat rod systems; program SM-4M]. *Raschet ploskikh sterzhnevnykh sistem, programma SM-4M* Moskva, 1966, 188 p. (Biblioteka programmy dlia EVM. I. Inzhenerno-tekhnicheski razdel, no. 43)

- Calculation of the parameters of the wave ducts of three-core electric power transmission lines with horizontal distribution of conductors using electronic digital computers. L. S. Perelman. *Elektrichestvo* no. 1 13-17 Ja '68.
- Characteristics of the solutions to the problem of continuous linear and convex programming. V. L. Makarov. *Dokl. AN SSSR* 176 no. 5 1007-1008 O '67.
- Contactless combined differential pickup for directing the welding head along the butt joint. A. I. Arulov, E. A. Gerasimov. *Avtom. svar.* 20 no. 5 20-21 My '67.
- Defining the required throughput capacity of railroads with the aid of electronic digital computers. M. S. Gushin. *Vest TSNI MPS* 26 no. 5 12-14 '67.
- Designing of an optimum standardized rotation plan for the production of part sets on unbalanced flow lines. B. I. Kuzin. *Prim. mat. v ekon.* no. 4 54-69 '67.
- Determination of hydrodynamic pressure pulsation fields under conditions of stationary random vibrational displacements of elastic elements by the method of electrical analogies. L. V. Moshkov. *Izv. VNIIG* 81 67-75 '66.
- Determining the optimal reliability of restorable systems of various classes. N. N. Kulakov, A. S. Zagotniko. *Dokl. AN SSSR* no. 2 Ser. tekhn. nauk. no. 1 158-160 '66.
- Device for plotting perspective of points according to their coordinates in space. G. M. Kolmakova. *Izv. vys. ucheb. zav.* prib. 9 no. 3 137-140 '66.
- Device for solving boundary value problems using the Monte Carlo method. G. I. Kaplan and others. *Izv. vys. ucheb. zav., elektromekh.* no. 11 1266-1268 N '67.
- Digital-analog computer system based on the "Minsk-1" digital computer. V. D. Mikhlin, M. S. Ter-Mkhitarianov. *Izv. vys. ucheb. zav., prib.* 10 no. 2 71-72 '67.
- Discrete device for analyzing graphically given function. T. A. Afiev. *Za tekhn. prog.* 6 no. 11 10-11 N '66.
- Distribution of error in discrete measurement. V. A. Levdov, O. N. Tikhonov. *Izv. vys. ucheb. zav., prib.* 9 no. 3 104-107 '66.
- Equipment for automatic measurement of the length of large diameter skelpis. I. I. Andreev. *Avtom. svar.* 20 no. 5 71-73 My '67.
- Expander for amplitude analyses with high resolution. A. I. Gonchar, A. N. Utizhnikov. *Prib. i tekhn. eksp.* 22 210-212 Mi-Ap '67.
- Experience in designing and operating a set of devices for magnetic recording of electroencephalograms and feeding data into computers. V. M. Kharichenko, V. V. Kornilev. *Fiziol. zhur. [Ukr.]* 14 no. 1 121-126 Ja '68.
- Experience in using punch cards in oncological statistics. V. P. Glushkova. *Vop. onk.* 14 no. 1 61-68 '68.
- Features of correcting devices for measuring instantaneous temperature values in nonsteady gas currents. I. P. Pelepetchenko, D. P. Simbirskii. *Izv. vys. ucheb. zav. prib.* 10 no. 3 104-107 '67.
- Fifth All-Union Scientific and Technical Conference on the Creation and Utilization of Control Systems with Computers. V. V. Solodovnikov, V. N. Plotnikov. *Elektrichestvo* no. 1 83-81 Ja '68.
- First all-Union symposium on statistical problems in engineering cybernetics. V. S. Pugachev, N. S. Rabinman, V. M. Chadeev. *Avtom. i telemek.* no. 11 207-213 N '67.
- Fractional flow gauge with high-speed pressure. V. M. Zaitsev. *Gid. i gidrotekh.* no. 5 76-83 '67.
- General principles for processing of seepage piezometers data. O. N. Nosova. *Izv. VNIIG* 81 77-88 '66.
- Generalized model of the transportation process in automotive transport, a comprehensive problem of transportation scheduling. A. A. Anikevich, A. B. Gritov. *Prim. mat. v ekon.* no. 4 40-46 '67.
- Genetic method for flood calculation by the use of an electronic simulation device. I. A. Shuklomanov. *Trudy Leningdroproekta* no. 4 127-139 '68.
- Gradient algorithm for the teaching of a cognitive system. B. M. Sokolov. *Metod. vych.* no. 4 137-143 '67.
- High-speed a.c. time pulse converter. T. M. Aliev, M. G. Grinberg, A. A. Ter-Khachaturov. *Izv. vys. ucheb. zav., prib.* 9 no. 3 22-26 '66.
- High-speed digital printing for the output of data from multi-channel measuring systems. V. A. Vladimirov, V. N. Zamiat. *Prib. i tekhn. eksp.* no. 2 117-122 Mi-Ap '67.
- High-speed single-cycle transistorized ring scalars. R. M. Lukutuk. *Prib. i tekhn. eksp.* no. 6 113-115 N-D '66.
- Identification of three-dimensional geometric objects. V. I. Kaspin. *Izv. vys. ucheb. zav., mashinost.* no. 9 11-14 '67.
- Improving the use of computers in enterprises. V. B. Liberman. *Mashinostroitel'* no. 1 38-40 Ja '68.
- Input-output characteristics of principal types of transformers with choke-type ferrite diode coupling elements. N. P. Vasil'eva. *Avtom. i telemek.* no. 10 201-206 O '67.
- Integration of pulses distribution according to duration. I. U. N. Kharitonov. *Prib. i tekhn. eksp.* no. 5 227-228 S-O '66.
- Introducing mathematical methods and modern computers in agricultural science and production. P. G. Kravchenko. *Dokl. i soob. VNIISKH* no. 33 126-127 '66.
- Layout of a logical unit for organizing search. V. M. Dudchenko-Dudko. *Avtom. i telemek.* no. 11 200-206 N '67.
- Low-inertia radiational heat measuring instrument. S. E. Buravov. *Izv. vys. ucheb. zav., prib.* 10 no. 2 102-104 '67.
- Magneto-optical operational memory devices with read-out of information by a light beam. S. A. Mayorov, V. A. Boitsov. *Izv. vys. ucheb. zav., prib.* 10 no. 2 59-63 '67.
- Mathematical model of the optimal profit and optimal profitability of an enterprise. V. E. Khilgaitan. *Uch. zap. Drev. un.* 103 31-10 '66.
- Mechanization of the engineering and accounting work. V. R. Skakovskaya, B. M. Rozenshtein. *Shvein. prom.* no. 6 29 N-D '67.
- Method for constructing formal morphology of languages for machine translation. I. L. Bratchikov, I. A. Mifhalova. *Metod. vych.* no. 4 110-136 '67.
- Method for eliminating false codes for decimal analog-to-digital readout converters. I. U. S. Sharin. *Izv. vys. ucheb. zav., prib.* 9 no. 3 76-78 '66.
- Methods for automatic measurement of the characteristics of polydispersed systems. L. B. Kolmakov. *Izv. vys. ucheb. zav.; prib.* 9 no. 3 68-71 '66.
- Methods of multiproject network planning. E. P. Flisenko, S. I. Cherkova, A. G. Shubin. *Prim. mat. v ekon.* no. 4 118-136 '67.
- Modeling nonstationary heat processes on an MNS-7 electron model. N. U. Taita, I. U. F. Goshkov, S. V. Ribashko. *Izv. vys. ucheb. zav., Chern. met.* 10 no. 12 135-138 '67.
- Modulation method for the cognition of standard digits. A. F. Gorskoy, V. M. Kurpichnikov, M. N. Sinyov. *Izv. vys. ucheb. zav., prib.* 10 no. 3 64-68 '67.
- Multiple-input counting system with output of information. M. N. Ivanov, V. I. Kadoshevich, I. A. Kondurov. *Prib. i tekhn. eksp.* no. 6 108-113 N-D '66.
- Nemirovskii, N. [Information retrieval system on superpositional punched cards of the Patent Office] Informatsionno-polskovala sistema na superpozitsionnykh perokartakh v biuro patentov. Riga, 1966. 21 p.
- Noncontact code converter of mechanical displacements. I. A. Nablev, N. S. Rustamov. *Za tekhn. prog.* 6 no. 11 1-4 N '66.
- Numbers fixed by the editorial board on standard subprograms in the IS-2 system. *Vop. mat. eksp. vych. mash.* no. 2 51-55 '67.
- On the automation of tractor operation. G. A. Machavariadze, Sh. N. Bakhtadze, Soeb. AN Gruz. SSR 47 no. 1 25-29 Ji '67.
- Optimization of the conditions of the functioning of the beer fractionation column with the use of an electronic computer. V. I. Ilubov, V. O. Domaietskyi, V. I. Dem'ianenko. *Khar. prom.* no. 2 7-10 Mi-Ap '68.
- Probability evaluation of a quaternary code with detection and correction of errors. B. I. A. Sovetov. *Izv. vys. ucheb. zav., prib.* 9 no. 46-50 '66.
- Problem of determining the sequence of the machining of parts having identical technological outlines. G. V. Chernova. *Prim. mat. v ekon.* no. 4 66-81 '67.
- Problems of the optimum organization of servicing the means of transportation in harbors where operation planning is in effect. G. V. Poplavskii. *Prim. mat. v ekon.* no. 4 107-117 '67.
- Processing signals of nuclear magnetic logging using electronic digital computers. V. I. Daneyevich, I. B. Dvornikina, A. Kh. Ismailov. *Izv. vys. ucheb. zav., nef. i gaz.* 8 no. 9 107-108 '66.
- Program for printing linear segments (LUCh-1). M. N. Bezhanova, A. P. Merenkov. *Vop. mat. eksp. vych. mash.* no. 2 10-28 '67.
- Program for printing linear segments (LUCh-2). Zh. I. Minayeva-Berg. *Vop. mat. eksp. vych. mash.* no. 2 29-45 '67.
- Progress of the electronic industry. A. Karpenko. *NTO* 9 no. 12 34-35 D '67.
- Recognizing nascent heart defects with the aid of electronic digital computers. A. L. Sherman. *Izv. vys. ucheb. zav.; elektromekh.* no. 11 1269-1270 N '67.
- Register with direct choice of information for wired spark chambers. A. G. Grachev. *Prib. i tekhn. eksp.* no. 2 208-210 Mi-Ap '67.
- Selection of loading and unloading machinery with the aid of computers. F. A. Kharsov, M. Kh. stot. 24 no. 12: 24-26 D '67.
- Shift register without shunting diodes. L. A. Chinenkov, E. A. Demin. *Izv. vys. ucheb. zav., prib.* 10 no. 2 64-67 '67.
- Smolov, V. B. [Diode functional converter] Diodnye funktsionalnye preobrazovatel. Leningrad, "Energia," 1967. 136 p. (B-ka po avtomatike. Vyp. 259).
- Smoothing devices of series connected digital filters. V. S. Demashov, I. U. M. Korshunov. *Izv. vys. ucheb. zav.; prib.* 10 no. 3 53-57 '67.
- Solution of the integral programming problem with variables O-1. V. I. Komlik, V. A. Emelichev. *Dokl. AN BSSR* 11 no. 12 1064-1067 D '67.
- Some problems of programming and compiling programmed textbooks. G. M. Malala. *Uch. zap. Kish. un.* 77 96-109 '66.
- Some results of the static calculation of individual-type structures using the "Ural-2" computer. A. A. Khrapkov. *Izv. VNIIG* 81 155-159 '66.
- Stability of a rocket in flight. I. Rudenko. *Tekhn. i voozrzh.* no. 9 12-15 S '64.
- Stability of the solution of a system of ordinary differential equations using digital differential analyzers. G. G. Gershelski. *Izv. vys. ucheb. zav., prib.* 10 no. 3 58-63 '67.
- Stabilization of multichannel recording systems, review. M. A. Fimchik, A. F. Chernitskii, S. S. Shushkevich. *Prib. i tekhn. eksp.* no. 6 5-16 N-D '66.
- Structural (block) synthesis of specialized computers. I. U. A. Kudiavtsev. *Izv. vys. ucheb. zav., prib.* 9 no. 1: 72-75 '66.
- Subprogram for conversion to the decimal system with accumulation and follow-up printout (SP-0067). I. N. Silin. *Vop. mat. eksp. vych. mash.* no. 2 46-50 '67.
- Subprogram for enumeration (SP-0043). I. V. Pototsin. *Vop. mat. eksp. vych. mash.* no. 2 59 '67.
- Symposium of the International Federation for Automatic Control held in Eritvan. *Avtom. i telemek.* no. 11 214 N '67.
- A system of correlated Cherenkov spectrometers involving data processing by an M-20 computer. I. U. A. Aleksandrov and others. *Prib. i tekhn. eksp.* no. 6 50-54 N-D '66.
- Technical equipment for establishing norms in the service of the scientific organization of labor. G. Ovechkin. *Nastoi. Ros.* 8 no. 10 13 O '67.
- Thermal flow meter for liquid metals. I. K. Azimov, P. A. Korotkov. *Izv. vys. ucheb. zav., prib.* 10 no. 3 100-103 '67.
- Turbine flowmeters and their testing in hydroelectric power stations. I. A. Cherniatin, E. Z. Grinfeld. *Izv. VNIIG* 81 61-66 '66.
- Twenty-second Scientific and Technical Conference on Magnetic Elements of Automatic Control and Computers. *Elektrichestvo* no. 1 82 Ja '68.
- Use of a digital computer for calculating beams resting on elastic foundations with pliability coefficient dependent on flexures. V. I. Terent'ev. *Izv. VNIIG* 81 136-148 '66.
- Use of a digital computer in calculating the transients of a synchronous motor with consideration of the nonlinearity of the machine circuit. G. M. Safarov. *Izv. vys. ucheb. zav., elektromekh.* no. 11 1222-1228 N '67.
- Use of electronic computers in operational planning for transport. A. A. Anikevich, A. R. Gritov. *Prim. mat. v ekon.* no. 1 28-39 '67.
- Use of electronic digital computers in analyzing the stability of complex systems. V. I. Kurov. *Izv. SO AN SSSR* no. 2 Ser. tekhn. nauk. no. 1 3-10 '66.
- Use of matrix switches with split load in decoding circuits. O. A. Kirik, I. V. Amolovich. *Izv. vys. ucheb. zav., prib.* 10 no. 3 69-72 '67.
- Use of punch cards in oncological institutions. Olme Valik. *Vop. onk.* 14 no. 1 67-71 '68.
- Using electronic computers for the interpretation of gravitation anomalies. E. G. Bulakh. *Geofiz. sbor.* 10 no. 10 49-55 '67.
- Using linear programming methods. B. Kosenko, G. Iakovlev. *Tylin. snab. Sov. Vost. Sit.* 26 no. 2 79-81 I '66.
- Using the methods of mathematical programming in optimum zoning of irrigation systems. N. Sh. Bolgashvili. *Soeb. AN Gruz. SSR* 47 no. 1 115-120 Ji '67.
- Vidneev, I. U. D. [Automatic continuous proportioning of liquids] Avtomaticheskoe neperyynnoe dozirovanie zhidkostei. Moskva, "Energia," 1967. 112 p. (B-ka po avtomatike. Vyp. 258).
- Welding of high-pressure piping on the assemblage. V. I. Ivanenko, I. S. Kasatkin, S. Sh. Reichenberg. *Avtom. svar.* 20 no. 5 16-49 My '67.
- Work is lightened, time is cut. I. U. Kladnichkin. *Tekhn. i voozrzh.* no. 9 57-58 S '61.

681.1 (471.232)—Leningrad City

Scientific research workers help to improve accounting in trade. P. Mezentsov. *Bukh. uch.* 26 no. 11: 30-41 N '67.

681.1 (476)—White Russian S. S. R.

Machine accounting with the aid of the "Minsk-22" electronic computer. S. Gorodnitski. *Bukh. uch.* 20 no. 11: 52-54 N '67.

681.2 INSTRUMENT MAKING INSTRUMENTATION

Analytical design of an optimal gyroframe regulator. A. G. Aleksandrov. *Avtom. i telemek.* no. 11 39-43 N '67.

Apparatus for measuring the magnitude of the surface tension of oil on the boundary line with high-pressure gas. L. I. Shitikov. *Nefteprom. delo* no. 1 26-30 '66.

Correction of the nonlinearity of the static characteristics of a capacitance transducer. M. V. Gutovskii, V. I. Ivanov. *Izv. vys. ucheb. zav., prib.* 10 no. 2 24-26 '67.

Informational problem in discrete measurements. A. N. Efimov. *Izv. vys. ucheb. zav., prib.* 10 no. 2 20-23 '67.

Photoelectric transducer of the position of periodically shifting object. G. N. Glazun. *Izv. vys. ucheb. zav., prib.* 10 no. 3 11-13 '67.

Satanovskii, R. L. [Practical in improving operational and production planning in standard instrument manufacturing] Opyt sovshchenstvovaniia operativno-proizvodstvennogo planirovaniia v seriiom priborostroeni. Leningrad, 1967. 80 p. (Leningr. dom nauch.-tekhn. propagandy. Seria "Ekonomika i planirovanie proizvodstva.")

Selection of quantization step in digital averaging. M. L. Everskii, A. M. Kupeiman. *Avtometritia* no. 4: 3-9 Ji-Ag '67.

681.2 (Continued)

Study on the particular case of the motion of a free gyostat in a central Newtonian force field 1 G. Ilyin Vest Mosk un Ser 1 Mat, mekh 23 no. 1 115-117 Ja-F '68

Third All-Union Scientific and Technological Conference on Electromagnetic Flow Meters G V Kusik. Atom. energ 24 no 1100-101 Ja '68.

681.4 OPTICAL APPARATUS

Automation of control machines using an optical beam. S. T. Tshukerman Izv vvs ucheb. zav., prib. 9 no. 3 111-119 '66.

Calculation of wave aberrations. K. A. Khrilutskiy Izv vvs ucheb. zav., prib. 10 no 2 93-97 '67

Design of three-component mirror and mirror-lens systems with varying amplification and linear dependence between shift of components 1 I Pashchenko. Izv vvs ucheb. zav., prib. 10 no 3 92-95 '67

Electrodynamical camera shutter. V. G. Novikov, N. F. Dyakov Izv vvs ucheb. zav., prib. 9 no 3 120-122 '66

Five-electrode electrostatic reflecting objective lens R. D. Ivanov, M. G. Akmalzova. Prib i tekhn. eksp. 11 no 5 192-195 S-O '66.

Magneto-optical operational memory devices with read-out of information by a light beam S. A. Mironov, V. A. Bolotov. Izv vvs ucheb. zav., prib. 10 no 2 59-63 '67.

Method for manufacturing spherical plugs. N. P. Zakaznov Izv vvs ucheb. zav., prib. 10 no 2 92 '67.

Study of intensity distribution in a two-beam interference pattern with partially coherent illumination. V. N. Kalkina. Izv vvs ucheb. zav., prib. 10 no 2 88-91 '67

Technology of the working of deep aspheric concave surfaces D. A. Khomutov Izv vvs ucheb. zav., prib. 10 no 3 96-99 '67

Working with a handmade telescope. M. M. Shemiadkin Zem i vesl no 6 87-91 '67

681.6 REPRODUCING, PRINTING MACHINES AND EQUIPMENT

Mechanization of copying and duplicating processes in a design institute K. I. Shelkovi, V. M. Bukler Mashinostroitel' no 11 14-15 N '67

681.8 TECHNICAL ACOUSTICS MUSICAL INSTRUMENTS. SOUND RECORDING, REPRODUCTION

For better sound. V. Leon'tev. NYO 0 no. 12-63 D '67.

Use of ultrasound in studying the elastic properties of solid bodies at high pressures. F. I. Voronov, O. V. Stal'gorova Prib. i tekhn. eksp. 11 no 5 207-208 S-O '66.

683 HARDWARE

Analysis of using capital assets in metal product production E. S. Rybka Trudy Ural politekh. inst. no 161 31-35 '67

Connection of gas burner unit of boilers to medium pressure networks. V. N. Kirilenko, Teploenergetika 14 no 12 43-44 D '67.

684 COACHBUILDING, FURNITURE-CABINET MAKING, UPHOLSTERY

Accounting for the results of intraplant business accounting. V. Tkach. Duhg uchb. 26 no. 11 28-32 N '67

684(471.45)—Volgograd Province

Such structure is justified N. Lubimenko Sov. profsoyuz 23 no 24 8-9 D '67

685 SADDLERY, FOOTWEAR, GLOVES, TRAVEL, SPORT, GAMES AND OTHER EQUIPMENT

Analysis of the design and technological parameters of modern presses for gluing shoe lowers IA. Sh. Rozentblum, A. S. Shvarts. Kozh.-obuv. prom. 8 no 0 17-19 S '66

Centralizing the repair of technological equipment and the production of equipment supplies in shoe manufacturing enterprises K. N. Levitskiy. Kozh.-obuv. prom. 8 no. 9:13-14 S '66

Decrease of the 13rd Congress of the Communist Party introduced into life Kozh.-obuv. prom. 8 no. 4 1-4 '66.

High awards oblige. K. A. Sokolov. Kozh.-obuv. prom. 8 no. 0 4-7 S '66

Improve the system for leather shoes gluing. D. A. Tsetlin. Kozh.-obuv. prom. 8 no. 5:12-13 My '66.

Improving the needle plate of the 34-A class machine. V. F. Fedorenko. Leh. prom. 8 no 6 54 N-D '67

Index nomenclature of heels. K. I. Chentsova, V. E. Kareva, V. I. Serokin Kozh.-obuv. prom. 8 no. 0 26 S '66

Latex glues used without preliminary drying. V. L. Ralatskas and others. Kozh.-obuv. prom. 8 no. 5 22-25 My '66.

Material for heel taps of the semibentonite-type based on high-content BS-45K styrene rubber. M. A. Al'ham and others Kozh.-obuv. prom. 8 no. 5 30-31 My '66.

Mechanization of shoe manufacture by the use of LNT-1 Intex A. S. Armaganian. Kozh.-obuv. prom. 8 no 9 14-16 S '66

Method for the determination of the wear-resistance of leathers for shoe uppers, linings, and accessories. A. Beloshan, E. Klimenkov. Kozh.-obuv. prom. 8 no. 4:28-31 '66.

Microstudy of the surface of blades of shoe cutters. P T Basko Leh. prom. 8 no 6 19-20 N-D '67

New automation means in the modernization and designing of machines and automatic lines S. P. Aleksandrov, I. I. Kapustin, R. R. Fazarian Kozh.-obuv. prom. 8 no 5 14-18 My '66

Nonwoven knit-stitched fabric for warm footwear L. V. Khabareva Leh. prom. 8 no 2 6-8 Mr.-Ap '66

On the eve of the 3rd International Conference of the Trade Unions of Workers of the Clothing, Leather and Shoe Industry. A. I. Asmetekala. Kozh.-obuv. prom. 8 no. 4 32 '66.

Production of lasts from plastics. A. G. Litvinenko Kozh.-obuv. prom. 8 no. 5 32 My '66.

Production of shoes from "elastol." A. G. Kuchrenko, V. P. Chekalin, V. R. Vidomenko Kozh.-obuv. prom. 8 no. 9 27-28 S '66

Scientific organization of labor. P. S. Pushkin. Kozh.-obuv. prom. 8 no. 4 6 My '66.

Some problems of optimum planning for assembly-line work in the shoe industry G. D. Bakmanin, B. I. Kuzin Prim. mat. i ekon. no 4 47-53 '67

Standards for the thickness of parts for shoe lowers E. A. Manusov. Kozh.-obuv. prom. 8 no 1-31 '66

Storage of glue. L. E. Fsetlin. Kozh.-obuv. prom. 8 no 0 30-31 S '66

Structure of the equipment-repair cycle in shoe factories. K. N. Levitskiy Kozh.-obuv. prom. 8 no. 5 9-11 My '66

System of a programmed control of the machine molding the heel part of shoes M. I. Petrosuk, V. S. Moneta Leh. prom. 8 no 2 17-19 Mr.-Ap '66

Use of a metal screen in the determination of the wear-resistance of shoe rubber A. M. Blitman, V. N. Pechkin, A. D. Zaitonchikovskiy Kozh.-obuv. prom. 8 no. 4 12-16 '66.

Use of chrome leather wastes for the production of shoes. A. M. Kuz'min Kozh.-obuv. prom. 8 no 0 29-30 S '66

Use of fermentation for debairing in the production of leather for shoe uppers N. K. Sotsenko Leh. prom. 8 no. 2 62-63 Mr.-Ap '66

Work practice of shoe manufacturing enterprises in the production of utility goods IU. I. Kosheval'skiy, R. P. Samsonov Leh. prom. 8 no 6 54 N-D '67

685(471.61)—Rostov Province

Processing of leather for shoe uppers and lowers with tanning compositions of zincum at the Taganrog Leather Factory A. V. Motovin and others Kozh.-obuv. prom. 8 no 9 31-33 S '66

685(477)—Ukrainian S. S. R.

New shoe models for the years 1966-1967; women's and children's footwear. F. M. Rafibekov. Kozh.-obuv. prom. 8 no 4 6-9 '66

686 BOOKBINDING, GILDING SILVERING, MIRRORS, GLAZIERY, WRITING AND OFFICE ARTICLES

Bookbinding. C. I. U. Gutkovskiy. Shkola i proizv. 11 no. 12-50-57 D '67.

School for bookbinders. F. Lazoin V mite knig 7 no. 8 48 '67.

687 CLOTHING INDUSTRY. TOILET ARTICLES, BRUSHES, ETC.

Basic trends and organization of work for the creation of automated control systems in the enterprises of the clothing industry N. S. Sotlova Shvein. prom. 6 8-11 N-D '67

The best clothing for Soviet people. Shvein. prom. 6 3-4 N-D '67

Developing production lines for the manufacture of work clothes R. F. Ginsburg, P. S. Pushkin, V. I. Popkov Shvein. prom. 6 6 11-17 N-D '67

A device for making the cappings of brushes. Zhignev Danish. Shkola i proizv. 11 no. 12 39-40 D '67.

Experience in the use of chain stitch in overcasting seams of clothing I. P. Khilinskaya, E. P. Pcheliatko, V. A. Pishchikov Shvein. prom. 6 6 24-29 N-D '67.

Fabrics and accessories for work clothes P. Famin'skiy, E. Solov'eva Tekh. est. 3 no 5 26-27 My '67.

Gluing of clothing parts. I. V. Orlov, N. I. Rudenko. Leh. prom. 8 no. 2 26-30 Mr.-Ap '67.

Industrial innovators honor the anniversary. S. N. Zil'berstein Shvein. prom. 6 6 30-32 N-D '67

International Fashion Festival in Moscow. I. M. Molchanova. Shvein. prom. 6 6 5-6 N-D '67.

Karaius, V. V. [Electric equipment of clothing factories] Elektrooborudovanie shveinykh fabrik. Moskva, "Legkaya Industriya," 1966. 183 p.

Mechanization of the engineering and accounting work. V. R. Skakovskaya, B. M. Rozenshteyn. Shvein. prom. 6 6 29 N-D '67.

Need to substitute cotton thread used in the sewing of coats made from a film-coated capron fabric. L. D. Diablova. Shvein. prom. 6 6 21-24 N-D '67.

New equipment at the International Exhibition "Odezhda." L. D. Diablova Shvein. prom. 6 6 17-21 N-D '67

Notes decrease of high-speed sewing machines. IE. Shershtov, H. I. Lukashevych Leh. prom. 8 no. 2 53-54 Mr.-Ap '66.

On the eve of the 3rd International Conference of the Trade Unions of Workers of the Clothing, Leather and Shoe Industry A. I. Asmetekala Kozh.-obuv. prom. 8 no. 4 32 '66

Seminar results Shvein. prom. 6 6 34 N-D '67

Standard basis for work clothes designing I. Smirnova Tekh. est. 3 no 5 24-25 My '67.

Structure of the basic pattern design for a girl's jumper manufactured on the flat-knitting machine O. I. Fedorenko, N. P. Sokolovskaya Leh. prom. 8 no 38-41 Mr.-Ap '66.

Towards new industrial achievements. Shvein. prom. 6 6 1-2 N-D '67.

687(471.310)—Moscow City

Teach personal responsibility. T. Khil'mo Sov. profsoyuz 23 no 24 6-8 D '67

687(476)—White Russian S. S. R.

Busy routine M. Lidina Sov. profsoyuz 24 no 118 14 Ja '68

687(477)—Ukrainian S. S. R.

For technological progress. N. Katanel'son Mat. i tekhn. snabzh. 2 no 6 43-46 Je '67

687(479.22)—Georgian S. S. R.

Development of the clothing industry of the Georgian SSR during the years of Soviet rule M. E. Sal'muker Shvein. prom. 6 6 6-8 N-D '67

688 FANCY AND DECORATIVE GOODS TOYS

The All-Union review of toys. E. Kossakovskaya. Doshk. vosp. 40 no. 8 88-90 '67.

A. V. Lunacharskiy's views on play and toys. Samson Glazer. Doshk. vosp. 40 no. 6 97-98 '67

Parents take part in the creation of toys. R. Petel'skaya Doshk. vosp. 40 no 12 13-14 '67

The self-made toy and its place in the games. I. Pan'kova Doshk. vosp. 40 no. 12 11-12 '67

688(471.11)—Archangel Province

The national toy B. Glinov Doshk. vosp. 40 no. 0 40 92 '67

688(73)—United States of America

Toys in the form of monsters. IU. Kagi Amanov. Doshk. vosp. 40 no 12 103-104 '67

69 BUILDING INDUSTRY, MATERIALS, TRADES, CONSTRUCTION

All-Union Conference on Problems of Stability. P. M. Vavvak Pribl. mekh. 3 no. 11 142-143 N '67

...And cities spring up. IU. Bazanin. V mire knig 7 no 8 17 '67

Anniversary year structures. V. Nesterov. Na stroi. Ros. 8 no. 10 29 O '67

Batrakov, O. T., and V. M. Sidenko. [Economics of road construction] Ekonomika dorozhn'ego budimystva. Kyiv, "Budivelnik," 1967. 283 p.

Builder's day. Stroi. mat. 13 no. 8:2 Ag '67

Building mortars. E. Gorlanov. Tyi i snab. Sov. Voor. Sil. 26 no 9 64-67 S '66.

Communists and engineers struggling to fulfill the plan. B. Ostrovskiy. Tyi i snab. Sov. Voor. Sil. 25 no. 9 34-39 Ag '65

Competing for the title "Association of Communist Labor" N. Cherniaev. Sel'. stroi. 18 no. 1:14 Ja '64.

Constantly increases labor productivity. Mont. i spets. obr. v stroi. 29 no. 12:1-2 D '67.

"Constructor" is a proud word. Stroi. i arkh. i. Len. 25 no 8 1 Ag '67.

Friendly cooperation of a school group with an building brigade B. B. Bobrovskiy. Stroi. i arkh. i. Len. 25 no 12 29 D '67

Great anniversary. Osn., fund. i mekh. grun. 9 no. 5 1 '67.

A guard of three million. Mol. komm. no. 11:66-71 '67.

Improve the economics of city construction. B. Shkimmer. Na stroi. Ros. 8 no. 10:4-5 O '67.

In the Executive Committee of the Leningrad Soviet. Stroi. i arkh. i. Len. 29 no. 8 36 Ag '67.

In the "Gosstroif" of the U. S. S. R. Na stroi. Ros. 8 no 10 30 O '67.

In the "Ispolkom" of the Moscow Soviet. Stroi. i arkh. i. Mosk. 18 no. 11:37 N '67.

In the State Committee on Construction and the Ministry of Construction of the R. S. F. S. R. Sel'. stroi. 18 no 1 27 Ja '61.

In the State Committee on Construction of the Council of Ministers of the U. S. S. R. Sel'. stroi. 18 no 1 27 Ja '64.

New forms of contractual relations concerning the protection of building projects. N. Voloshin. Sov. iust. no. 20:17-18 O '67

New standards. Mont. i spets. rab. v stroi. 29 no. 12:3 of cover D '67.

The new year of 1964 will be different. A. S. Bel'kov. Sel'. stroi. 18 no. 1:13-14 Ja '64.

69 (Continued)

Plan of the Central Board of the Scientific and Technical Society of the Construction Industry. Mekh. stroi. 24 no. 12:29-27 D '67.
Present-day problems of automation in construction. V. A. Ogilvich, A. M. Ginzburg. Mekh. stroi. 24 no. 12:2-4 D '67.
Protection of steel joints from corrosion in large-panel apartment and public buildings. A. M. Podvalnyi, S. N. Alekseyev, I. B. Volkov. Bet i zhele-zbet 13 no. 8 16-19 Ag '67.

Bagalov, V. A. [General plans of chemical enterprises] Generalnye plany predpriyatiy khimii. Moskva. Stroizdat, 1967 155 p.

Scientific organization of labor in the construction industry. G. Galgolev. NTO 9 no. 12:36-38 D '67.

Sealing joints in large-panel apartment buildings. V. V. Shchekin. Mekh. stroi. 24 no. 12:10-13 D '67.

Service of the service needs of an administrator. A. B. Zvon, V. Soldatenkov. Sov. profsoyuzy 23 no. 24 6-10 D '67.

There is no exception without a rule; notes on the economy of construction. O. Latsis. Nov. mir. 43 no. 1:168-172 Ap '67.

Using the potentials of industrial capacity in prefabricated reinforced concrete plants. S. Botvink, I. Subachov, G. Litvin. Sel' stroi. 18 no. 1:15-16 Ja '61.

Work assignment bonus wage system. S. Sheliapin. Sel' stroi. 18 no. 10:17-18 O '67.

Work in winter must be conducted with great economic efficiency. B. Ulentsev, I. Sheldman. Sili bud. 16 no. 1:13-15 Ja '66.

69(471.232)—Leningrad City

Use of a truck of a new design in the bearing units of construction machinery. G. P. Bolitskaya, G. G. Korovin, M. K. Litvin. 24 no. 12:23-24 D '67.

69(471.310)—Moscow City

Grand conveyor. G. I. Ilyin, Mosk. 41 no. 10:40 '67.

Public October's banner. Stroi. i arkh. Mosk. 16 no. 11:1 N '67.

69(471.317)—Kostroma Province

Rate of progress. I. Neginskiy. NTO 9 no. 12:17-18 D '67.

69(476)—White Russian S. S. R.

Training of students in mechanical drawing. N. P. Sereb. Stro. i spets. rab. 13 no. 6:17-18 D '66.

69(477)—Ukrainian S. S. R.

Organizing the supply of industrial materials to assembly enterprises in the Ukrainian S. S. R. I. I. Bashmakov, Mont. i spets. rab. v stroi. 20 no. 12:20-25 D '67.

69(571)—Asiatic R. S. F. S. R.

Experience gained at Siberian construction sites in raising the level of fully prefabricated construction and reducing the weight of structural elements. M. Z. Vankalov. Bet i zhele-zbet 13 no. 8:11-13 Ag '67.

69(574)—Kazakh S. S. R.

Development of the present reinforced concrete industry in the Kazakh S. S. R. S. A. Khachaturov. Bet i zhele-zbet 13 no. 8:4-8 Ag '67.

The most important construction site of the country. L. Bystryy. Na khoz. Kazakh. 25 no. 11:51-56 N '67.

69(575.1)—Uzbek S. S. R.

Autonomy and two, and three... K. Mirzakhmedova. Ekono. i zhele-zbet 13 no. 11:37-38 '67.

69(575.2)—Kirghiz S. S. R.

Architects of rural buildings. A. Miroshnichenko. Stro. i spets. rab. 24 no. 7:10-11 Ag '67.

69(73)—United States of America

Patent and license system in construction and road machinery in the United States. V. V. Petuchenko. Stro. i spets. rab. 12 no. 8:36-37 S '67.

69.02 STRUCTURAL PARTS OF BUILDINGS

Electric heating of floors made from polymer cement concrete with epoxy aniline resin. V. T. Letrich, I. T. Antanova, V. I. Gendin. Stroi. mat. 13 no. 8:31-33 Ag '67.

Gypsum cement slabs for flooring for industrial buildings. P. A. Alaykin, A. L. Vorontsov, E. P. Smirnov. Stroi. i arkh. Len. 20 no. 8:26-27 Ag '67.

Panel panels from gas-diatomite concrete. V. Skarlatov. Sili bud. no. 3:17-18 Mi '66.

69.03 BUILDING CONDITIONS, PERMANENCE, LOCATION

Constantly improve working conditions. A. G. Zvonovskaya. Mont. i spets. rab. v stroi. 20 no. 12:28-30 D '67.

A new item of export. B. Emel'yanov. Vnesh. tor. 48 no. 1:50 '68.

69.05 SITE ORGANIZATION, METHODS, EQUIPMENT, PLANT

About those who do not seek an easy life. M. Shulenin. Sel' stroi. 18 no. 1:11-13 Ja '64.

Closer to life, closer to production. I. Anilov. Sel' stroi. 18 no. 1:9-11 Ja '64.

Construction of livestock breeding structures according to technological charts. M. Oreshin, V. Monastyrnyi. Sel' stroi. 18 no. 1:16-18 Ja '64.

Erection of a radio relay tower. V. A. Maslov, M. L. Ischenko. Mont. i spets. rab. v stroi. 29 no. 12:10-12 D '67.

Experience gained from assembling spherical tanks. E. D. Boisov. Mont. i spets. rab. v stroi. 29 no. 12:18-20 D '67.

High-speed assembly of spherical tanks. I. K. Keish, O. E. Balandin. Mont. i spets. rab. v stroi. 29 no. 12:15-17 D '67.

Large-block assembly of the metal structural elements of a tank. I. I. Dolgin, V. M. Fedorov, V. S. Kanop. Mont. i spets. rab. v stroi. 29 no. 12:13-15 D '67.

Machines must work efficiently the year around. A. Soshnikov. Sel' stroi. 18 no. 1:4-5 Ja '64.

Method of analyzing working time in large-panel house construction. O. V. Minkukhin. Trudy Ural politekhn. inst. no. 161:63-65 '67.

Repairing a building for the winter. Sel' stroi. 18 no. 8:28-30 Ag '63.

Science aids assemblies. B. V. Popovskiy. Mont. i spets. rab. v stroi. 29 no. 11:16-20 N '67.

Try it yourself. Sel' stroi. 18 no. 1:23-24 Ja '64.

Try it yourself. Sel' stroi. 18 no. 8:24-25 Ag '63.

Work practices of mobile mechanized brigades. K. T. Sim. Sel' stroi. 18 no. 1:3-4 Ja '64.

69.05(471.310)—Moscow City

Important factor in improving the organization of construction. P. Nuss, A. Iampol'skiy. Stro. i arkh. Mosk. 16 no. 11:29-31 N '67.

Scientific organization of labor at the construction sites of the "Glavmosstroi". P. L. Vovskiy. Na stroi. Ros. 8 no. 10:12-13 O '67.

69.05(471.322)—Lipetsk Province

Organizing the assembling of the structural elements of a blast-furnace installation. I. U. L. Poverenniy, A. A. Platonov. Mont. i spets. rab. v stroi. 29 no. 12:3-10 D '67.

69.05(471.45)—Volgograd Province

Reconstruction of the "260" mill with the aid of a network graph. V. Trachenko, M. Barash, S. Shalash. Na stroi. Ros. 8 no. 10:11 O '67.

69.1 BUILDING MATERIALS

Along Lenin's road to the victory of Communism. I. A. Grishmanov. Stroi. mat. 13 no. 11:2-9 N '68.

Attractive, high-grade, economical. V. P. Pozdnyakov. Stro. i arkh. Len. 20 no. 8:24-25 Ag '67.

Awards of the Exhibition of Achievements of the National Economy of the U. S. S. R. Stroi. mat. 13 no. 11:37 N '68.

Birth of industrial giants. K. K. Miroshnichenko. Stroi. mat. 13 no. 9:2-15 '67.

"Building Materials" pavilion; anniversary exhibit at the Exhibition of Achievements of the National Economy of the U. S. S. R. A. M. Skobeleva. Stroi. mat. 13 no. 8:4-6 Ag '67.

Corn of Sochi in Moscow. Na stroi. Ros. 8 no. 10:28 O '67.

Development of Soviet science in the field of building materials. P. P. Budnikov, M. I. Khigrovich. Stroi. mat. 13 no. 11:14-20 N '68.

Diplomas awarded by the Exhibition of Achievements of the National Economy of the U. S. S. R. Stroi. mat. 13 no. 9:31 S '67.

"Economy in packages." A. Golubev, M. Dobronravov. Tyi i zab. Sov. Vost. Sil 26 no. 8:80 Ag '66.

[Engineering geology and building materials] Inzhenernaya geologiya i stroitel'nye materialy; sbornik statei Makhachkala, Dagestanskoe kn. izd., 1966 66 p.

Heat-resistant blocks for laying flues of soaking pits for slabs. A. P. Dolisenko. Mont. i spets. rab. v stroi. 20 no. 12:27-28 D '67.

Increased production and widened assortment of finishing materials. Stroi. mat. 13 no. 9:26-27 S '67.

On the results of the All-Union meeting of rural builders. I. Gutsalenko. Sel' stroi. 18 no. 8:2-4 Ag '63.

Present-day problems of technical aesthetics. Stroi. mat. 13 no. 8:11 Ag '67.

Prospects for the development of the construction industry. S. A. Zlobov. Stro. i truboprov. 12 no. 10:41-43 O '67.

Reinforced soil cement. L. K. Dobinskii. Izv. vys. ucheb. zav., stroi. i arkh. 10 no. 9:117-120 '67.

Scientific and planning basis of industry. K. M. Grinov. Stroi. mat. 13 no. 11:22-25 N '68.

Soviet building materials on the world market. V. I. Baranov. Stroi. mat. 13 no. 11:35-38 N '68.

Technical information. Sel' stroi. 18 no. 8:31 Ag '63.

[Waterproofing and roofing operations] Gidrozolirovaniye i krovel'nye raboty. Moskva, Stroizdat, 1967 28 p.

69(471.310)—Moscow City

"Mosstroisnab" controls. P. Nuss, A. Iampol'skiy. Na stroi. Ros. 8 no. 10:23 O '67.

69(471.41)—Tatar A. S. S. R.

Accounting and evaluation of building materials. G. Zhdanov, O. Shandarov. Builg. ucheb. 26 no. 11:45-51 '67.

69(477.9)—Crimea

On the rise. A. V. Mashkin. Sili bud. 16 no. 1:12 Ja '66.

69.1 MATERIALS OF ORGANIC ORIGIN. TIMBER, ETC.

Centers of the polymer materials industry. G. I. Zolotarev. Stroi. mat. 13 no. 11:38 '68.

Creep of foam polyvinyl chloride in uniaxial tension. I. G. Romanov. Izv. vys. ucheb. zav., stroi. i arkh. 10 no. 9:47-52 '67.

69.1(437)—Czechoslovakia

Plastics in construction. S. Voznesenskii, T. Godilo. Stro. i arkh. Mosk. 16 no. 11:35-36 N '67.

69.1(477)—Ukrainian S. S. R.

Study of the processes of sulfate cooking of reed. S. P. Foteev, K. I. Shumelko. Bum. prom. no. 5:3-5 My '65.

69.2 NATURAL STONE

Automation of the preparation section in slate plant. M. E. Vdovin. Stroi. mat. 13 no. 8:6-8 Ag '67.

Strength of vibro-stone panels in a reinforced concrete frame during central compression. Z. G. Sadykhov. Stroi. mat. 13 no. 8:16-18 Ag '67.

69.3 ARTIFICIAL STONE. CONCRETE, ETC.

Approximation of temperature fields in concrete blocks. Sh. N. Piat, N. A. Shinkov. Izv. VNIIG 61:116-124 '66.

Development of practical method for estimating concrete creep and shrinkage in designing reinforced concrete structural elements. D. N. Shechenbakhov. Bet i zhele-zbet 13 no. 8:10-22 Ag '67.

Experimental lining of potash mine shafts with cementless concrete. A. I. Shapin. Shakh. stroi. 11 no. 4:3-7 Ap '67.

Improving the quality of concrete aggregate in the most important problem of the rock products industry. Stroi. mat. 13 no. 8:33-35 Ag '67.

Method for determining the gas permeability of heat-resistant concretes. V. V. Zlatkov, A. I. Zlatkov, V. I. Shevchenko. Zav. lab. 33 no. 9:117 '67.

Propagation of the solution in coarse fillers during divided concreting. E. I. Viatin, K. I. Ruban. Shakh. stroi. 11 no. 4:12-15 Ap '67.

Sintering aluminosilicate with a two-layer charge. V. N. Burmistrov, S. G. Vasil'kov, M. P. Elinov. Stroi. mat. 13 no. 8:22-23 Ag '67.

Technological features and properties of light weight concrete made with an aggregate of expanded vermiculite. K. N. Dubrovskii, V. P. Pozhniin. Stroi. mat. 13 no. 9:14-35 S '67.

Use molds properly. V. Bankovskiy. Sili bud. no. 3:19-20 Mi '66.

69.3(477)—Ukrainian S. S. R.

Experience gained from the manufacture of large blocks at combine plants. V. S. Batsuk. Stroi. mat. 13 no. 8:29-30 Ag '67.

69.4 EARTH, COB, CLAY AND CERAMIC PRODUCTS

Efficient European ceramic. G. N. Marafey. Stroi. mat. 13 no. 8:35-37 Ag '67.

69.8 COMPONENTS, UNITS OF CONSTRUCTION. BUILDERS' STOCKS, HARDWARE

Automatic line for the manufacture of rods for window and door hinges. G. A. Baranenko. Kuz. stam. proizv. 9 no. 12:28-30 D '67.

Structural features of prefabricated elements. E. Ratus and others. Stro. i arkh. Mosk. 16 no. 11:15-19 N '67.

21 plates made from prestressed high-strength reinforcement. A. Parinov. Stro. i arkh. Mosk. 16 no. 11:27-28 N '67.

69.9 SITE CONSTRUCTION

Equipping Ministry organizations with mechanized tools. I. K. Shumovskii. Mont. i spets. rab. v stroi. 29 no. 12:25-27 D '67.

69.9(477)—Ukrainian S. S. R.

Ukrainian assemblies in the anniversary year. G. R. Bagiatuni. Mont. i spets. rab. v stroi. 29 no. 11:9-13 N '67.

693.5 CONCRETING IN SITU

Built from monolithic reinforced concrete. E. Al'tshuler and others. Stroitel' Arkhitekt. Mosk. 16 no. 11:25-27 N '67.

Further mechanization of reinforcement production. N. F. Nosenko. Mekh. stroit. 24 no. 12:4-9 D '67.

Mukha, V. I., and others [Chemical additives for accelerating the hardening of concrete in the winter-time] Khimicheskie dobavki-uskoriteli tverdeniya betona v zimnikh usloviakh Moskva, Stroizdat, 1967 31 p

693.6 PLASTERING AND OTHER FINISHES

Scientific organization of labor in plastering operations. P. Tserenia. Na stroit. Ros. 8 no. 10:14-15 O '67

693.9 FRAMED CONSTRUCTION

Improving the quality of frame structures. M. Egnus, R. Kagramanov. Stroitel' Arkhitekt. Mosk. 16 no. 11:22-24 N '67.

Stand for assembling large frames. A. P. Pozniakov. Mekh. stroit. 24 no. 12:21 D '67.

693.9(574)—Kazakh S. S. R.

Heat-resistant blocks for laying flues of soaking pits for slabs. A. P. Denisenko. Mont. i spets. rab. v stroit. 23 no. 12:27-28 D '67.

696.6 ELECTRICAL INSTALLATIONS

696.6(471.232)—Leningrad City

Industrial methods for installing electric wiring. G. Andisimov, V. Gavrilov. Na stroit. Ros. 8 no. 10:7-8 O '67

697 HEATING, VENTILATION, AIR CONDITIONING

Achievements and problems in industrial ventilation and air conditioning. E. E. Karpis, B. V. Barkalov, V. S. Osipov. Vod i san. tekhn. 11:39-45 N '67.

Danylenko, O. M. [Convection heating] Konvektornye opaleniya. Kiev, "Budivelnik," 1966 118 p

Development of heat engineering in the U. S. S. R. S. F. Kop'ev. Vod i san. tekhn. 11:9-13 N '67.

Installation of furnaces. Sel', stroit. 18 no. 8:26-28 Ag '63

Overall modernization of vehicle "Lurg" electric filters. A. V. Zaugol'nyi. Tsement 33 no. 6:20 N-D '67.

Preparing heating systems for winter. S. Bogatkov. Tyl i snab. Sov. Voor. Sil. 25 no. 8:62-64 Ag '65.

697(436)—Poland

Teach by examples: preventing steam boiler accidents. A. Kowlaski. Tekh. i voorn. 8 no. 7:70-71 Ag '65

697(69)—Antarctica. South Polar regions

Indoor temperature regime at Vostok Station. N. I. Makarov. Inform. biol. Sov. antark. eksp. no. 64:43-44 '67.

698 FINISHING AND DECORATING TRADES. PAINTING, GLAZING, ETC.

Scientific organization of labor in painting operations. P. Shvartsman. Na stroit. Ros. 8 no. 10:15-16 O '67

699.8 PROTECTIVE, PROOFED, INSULATED CONSTRUCTION

699.8(471.311)—Moscow Province

"Akmini" acoustic plates. L. M. Shmidt. Stroitel' Arkhitekt. Mosk. 16 no. 11:32-34 N '68.

7. THE ARTS. RECREATION. ENTERTAINMENT. SPORT, ETC.

7.0 GENERAL WORKS OF INDIVIDUAL ARTISTS

Art life in the Soviet Union. Iskustvo 30 no. 11:76-79 '67.

Festive review of Soviet fine arts. Iskustvo 30 no. 11:2-9 '67.

Foreign review. Iskustvo 30 no. 11:72-75 '67.

Humanistic traditions of Russian art. S. Druzhinin. Iskustvo 30 no. 11:62-68 '67.

Images of heroes who conquered space. A. Kochatov. Iskustvo 30 no. 11:35-37 '67.

Lunacharskii, A. V. [Pictorial art] Ob izobrazitel'nom iskustve. Moskva, "Sov. khudozhnik." T. 2. [1967] 392 p.

Militant art of posters. R. Kriukov. Iskustvo 30 no. 11:22-34 '67.

The October Revolution in Soviet art. O. Butkevich. Iskustvo 30 no. 11:17-22 '67.

Pricos for Picasso. V. Rozen. Nov. vrem. 25[i.e. 26] no. 11:30-31 Mr '68.

7.0(438)—Poland

Ideas of the October Revolution and the revolutionary art of Poland. E. Kraevska. Iskustvo 30 no. 11:59-60 '67.

Value of an artistic Olympiad. Walenty Matuszak. Szkoła i praca 11 no. 6:69-70 Je '67

7.0(45)—Italy

Progressive art of Italy and the Great October Revolution. A. Piccinato. Iskustvo 30 no. 11:57-58 '67

7.0(474.3)—Latvian S. S. R.

The October Revolution and Latvian art, 1917-1918. R. Lauce. Iskustvo 30 no. 11:53-57 '67.

7.0(73)—United States of America

Art opens the world. R. Kent. Iskustvo 30 no. 11:61 '67.

7.01

AESTHETICS. THEORY. TASTE, ETC.

Eternal contemporaries. S. Shurakov. V mire knig 7 no. 8:35 '67.

[Into the world of the beautiful; aesthetic training of schoolchildren] V mir prekrasnogo, khudozhestvennoe vospitanie uchashchikhsia [Kazan'] Izd. Kazanskogo un-ta, 1966 213 p

Study of the harmony of colors based on colorimetric analysis. IU Razumzad. Tekh. est. 3 no. 5:16-23 My '67

7.05 APPLICATIONS OF ART IN INDUSTRY. THE HOME, ETC. INDUSTRIAL, COMMERCIAL DESIGN

[Aesthetics and industry] Estetika i proizvodstvo Moskva, "Znanie," 1966 78 p. (Nar. un-t. Fak. literatury i iskustva 1)

Bionomic aspects of the use of the principles of the coloring of living organisms in industrial design. M. Gulidov, T. Gushcheva. Tekh. est. 3 no. 5:13-16 My '67

Bionomics and industrial design. A. Flerov. Tekh. est. 3 no. 5:11-12 My '67

How the taxicab was created. P. Leiner. Tekh. est. 3 no. 1:16-17 Ja '68

Industrial aesthetics in the distilling industry. V. A. Dymovich. Ferment. i spirt. prom. 32 no. 3:25-26 '66.

New phase of the industrial design. IU Solov'ev. Tekh. est. 3 no. 1:1 Ja '66

New types of taxicabs. IU. Dolmatovskii. Tekh. est. 3 no. 1:10-14 Ja '68

On composition; basic categories and principles. V. Kasarinova, M. Fedorov. Tekh. est. 3 no. 1:5-9 Ja '68

Packaging and advertising. L. Buzner. Tekh. est. 3 no. 1:22-23 Ja '68

Standard basis for work clothes designing. I. Smirnova. Tekh. est. 3 no. 5:24-25 My '67

Training of industrial designers is an urgent problem. Tekh. est. 3 no. 5:1 My '66

Two approaches to the industrial design of a taxicab. Tekh. est. 3 no. 1:16-21 Ja '68.

Use of second order curves in the projection and assignment of complex surfaces. V. Babakov. Tekh. est. 3 no. 5:28-33 My '67

Views of specialists from various countries on the criteria of quality evaluation of the industrial production. Frederik Eshford and others. Tekh. est. 3 no. 5:2-6 My '67

Ways to study design. K. Kantor. Tekh. est. 3 no. 1:2-4 Ja '68

We are training industrial artists. I. Volkotrub. Sred. spets. obr. 13 no. 9:55-3 of cover S '66.

Work of students in connection with an industrial design project. I. Vake, V. Sarukhanov. Tekh. est. 3 no. 1:24-27 Ja '68

7.05(4.0)—European capitalist countries

On design-graphing and design-publications abroad. L. Zhadova. Tekh. est. 3 no. 5:34-36 My '67

7.07

ARTISTS, ART EXPERTS, PATRONS, DEALERS

Sania. Sov. voen. 46 no. 16:7-8 Ag '67.

711.1 GENERALITIES. DEVELOPMENT. PLANNING SCHEMES

711.1(471.310)—Moscow City

Our capital welcomes the great anniversary. V. F. Promyslov, G. Khodz. Mosk. 41 no. 10:2-7 O '67.

711.3 COUNTRY PLANNING. RURAL DEVELOPMENT. UPGRADE OF AMENITIES

Early completion of the 1965 plan. E. Zolotkova. SII, bud. 16 no. 1:11-12 Ja '68.

Experimental model village of the collective farm "Druzhba Narodiv." V. Kravchenko. SII, bud. 16 no. 1:3-4 Ja '66.

Raise the planning and building of villages to the level of modern demands. SII, bud. 16 no. 1:1-2 Ja '66.

Taking into consideration local conditions for standard designs. V. Raiko, IU. Koshtys'. SII, bud. 16 no. 1:9-11 Ja '66.

"Visokoye's new look. A. Shandalov. SII, bud. 16 no. 1:5-8 Ja '66.

711.3(471.312)—Tula Province

Tula builders are organizing civic improvements in the village. M. Gremiachevskii. Sel', stroit. 18 no. 8:13-14 Ag '63

711.3(471.323)—Kursk Province

New look of Kursk villages. M. Shylenin. Sel', stroit. 18 no. 8:15-17 Ag '63

711.3(471.52)—Bashkir A. S. S. R.

We will use the available potentialities. P. Zelikov. Sel', stroit. 18 no. 8:18-19 Ag '63

711.3(477)—Ukrainian S. S. R.

How we would like to see the village. M. Shyshakov. SII, bud. 16 no. 1:6-7 Ja '66.

711.4 TOWN PLANNING. URBAN DEVELOPMENT. BUILT-UP AREAS, TOWNS, VILLAGES, ETC.

Closer to life, closer to production. I. Anpilov. Sel', stroit. 18 no. 1:9-11 Ja '61.

Fifty years of Soviet city construction. N. Baranov. Arkhitekt. SSSR. 35 no. 10:2-10 '67

[Fundamentals of Soviet city planning] Osnovy sovetskogo gradostroitel'stva Moskva, Stroizdat. [T. 2] Baranov, N., and others. 1967. 343 p

Group system in the building of state farm villages. A. Mikhailov. Sel', stroit. 18 no. 1:19-21 Ja '64.

Improve the economics of city construction. D. Shlumner. Na stroit. Ros. 8 no. 10:4-5 O '67

Ninth Congress of the International Association of Architects. Zh. Rozenbaum. Arkhitekt. SSSR. 35 no. 10:67-3 of cover '67

Objectives of rural builders in 1964. A. Mogil'nyi. Sel', stroit. 18 no. 1:1-2 Ja '64

Planning small cities as rest centers. R. M. Khabibullin. Izv. vys. ucheb. zav., stroit. i arkhit. 10 no. 9:121-127 '67.

Problems in developing new cities. O. Smirnova. Arkhitekt. SSSR. 35 no. 10:40-47 '67

Social aspects of contemporary bourgeois theories in city construction. S. Morzhinagin. Arkhitekt. SSSR. 35 no. 10:59-63 '67

The SPU systems in city planning. N. Shestopal. Na stroit. Ros. 8 no. 10:1-2 O '67.

Using the potentials of industrial capacity in prefabricated reinforced concrete plants. S. Botvink, I. Sukhachev, G. Egin. Sel', stroit. 18 no. 1:15 Ja '64

711.4(431)—German Democratic Republic

Our solemn duty. Joachim Nater. Stroitel' Arkhitekt. Mosk. 16 no. 11:13-15 N '67.

711.4(471.23)—Leningrad Province

Major problems of small cities. L. E. Ass. Stroitel' Arkhitekt. Len. 29 no. 10:13-19 O '67.

711.4(477)—Ukrainian S. S. R.

Achievements in and prospects for the development of city construction in Kiev. I. Katagin, B. Pinnak. Stroitel' Arkhitekt. 15 no. 11:7 N '67.

Architecture and design of a city. A. Ivanova and others. Stroitel' Arkhitekt. 15 no. 11:13-16 N '67.

Cultural and service facilities. G. Trumina, A. Gigen'ants. Stroitel' Arkhitekt. 15 no. 11:22-25 N '67.

Engineering structures and preparation of a territory. I. Kazimirov, S. Gorokhovskii. Stroitel' Arkhitekt. 15 no. 11:38 N '67

Kiev is being developed. V. Gusev. Stroitel' Arkhitekt. 15 no. 11:8-12 N '67.

Three-dimensional design. Stroitel' Arkhitekt. 15 no. 11:17-21 N '67.

711.4(571.53)—Irkutsk Province

Experience gained from the development of Angarsk. V. Pavlichenkov. Na stroit. Ros. 8 no. 10:5-6 O '67.

711.4(574)—Kazakh S. S. R.

City construction in Soviet Kazakhstan. T. Basenov, R. Soldalin. Arkhitekt. SSSR. 35 no. 10:29-33 '67

The new look of the cities. M. Mendikulov. Nar. khoz. Kazakh. 25 no. 11:57-59 N '67.

Pearl of a bitter valley. G. Zhdanov. Nar. khoz. Kazakh. 25 no. 11:86-85 N '67

711.4(575.1)—Uzbek S. S. R.

The second youth of Tashkent. Ekon. i zhizn' no. 11:37-39 '67

13 and 41 (the new cities of the republic). S. A. Iman. Ekon. i zhizn' no. 11:40 '67

711.5 UNITS, AREAS, ZONES, DISTRICTS. QUARTERS (WITHIN TOWNS, ETC.)

Mathematical model of a problem for determining the optimal variant in building a residential district. L. I. Sevast'yanov. Izv. vys. ucheb. zav., stroit. i arkhit. 10 no. 9:77-83 '67.

Organization of residential districts in small and medium-sized cities. A. Izotov. Arkhitekt. SSSR. 35 no. 10:48-52 '67.

- 711.5(471.232)—Leningrad City
Leisure time and servicing establishments in new districts. A.V. Nosenko Stroi i arkh. Len. 29 no. 8-22 Ag '67.
Municipal economy and the construction of Leningrad during 50 years. Gorodskoe khoziaistvo i stroitel'stvo Leningrada za 50 let [Leningrad] Lenizdat, 1967 296 p.
Ozerki-Shuralovo. D.D. Baragin. Stroi i arkh. Len. 29 no. 8-31 Ag '67.
- 711.5(471.310)—Moscow City
Appearance of the Tekstil'shchiki residential district is changing. I. Karnaukhov Stroi i arkh. Mosk. 16 no. 11-32-34 N '67.
Enterprises and projects of Leningrad District. E. Pirogov, A. Meison Stroi i arkh. Mosk. 16 no. 11-3-7 N '67.
- 711.5(477)—Ukrainian S.S.R.
Design features of the zone surrounding the city. E. Ishanski, R. Borisov Stroi i arkh. 15 no. 11-39-40 N '67.
- 711.5(571.14)—Novosibirsk Province
Designing a new center for Novosibirsk. Stroi i arkh. Len. 29 no. 8-34 Ag '67.
- 711.6 SITE PLANNING GROUPING, SQUARES, ETC.
711.6(471.232)—Leningrad City
In the vicinity of the historical complex. Stroi i arkh. Len. 29 no. 10-10-11 O '67.
Lenin Square. A.V. Makarovskaya. Stroi i arkh. Len. 29 no. 10-4-8 O '67.
Palace Plaza. Winter Palace. Stroi i arkh. Len. 29 no. 10-1-3 O '67.
- 711.7 TRAFFIC ROUTES ROAD, RAIL, WATER AND AIR
711.7(477)—Ukrainian S.S.R.
Thoroughfares and transportation. I.A. Levitan, G. Zablotskiy Stroi i arkh. 15 no. 11-26-28 N '67.
- 712 LANDSCAPE, NATURAL AND DESIGNED PARKS, GARDENS
712(477)—Ukrainian S.S.R.
Landscape gardening. S. Severin, I. Rodichkin, E. Atamanenko. Stroi i arkh. 15 no. 11-20-35 N '67.
- 72 ARCHITECTURE
Hrachova, L.M. [Architect Volodymyr Hnatovych Zabolnyi] Arkhitekt Volodymyr Hnatovych Zabolnyi. Kyiv, "Budivelnik," 1967. 43 p.
Ninth Congress of the International Association of Architects. Zh. Rozenbaum. Arkh. SSSR 35 no. 10-63-3 of cover '67.
- 72(431)—German Democratic Republic
Our solemn duty. Joachim Nater. Stroi i arkh. Mosk. 16 no. 11-13-15 N '67.
- 72(437)—Czechoslovakia
Prague and Moscow. Jiri Hruza. Stroi i arkh. Mosk. 16 no. 11-12 N '67.
- 72(471.310)—Moscow City
Prague and Moscow. Jiri Hruza. Stroi i arkh. Mosk. 16 no. 11-12 N '67.
- 72(575.3)—Tajik S.S.R.
Architecture of Tajikistan in the years of Soviet rule. V. Veselovskii Arkh. SSSR 35 no. 10-34-39 '67.
- 72.01 GENERAL AESTHETICS. DESIGN, PLANNING, ETC.
Important factors in architectural design. A.G. Kharchev. Stroi i arkh. Len. 29 no. 8-20-21 Ag '67.
One of the calculation criteria of apartment comforts. G. Litvinova Tekh. est. 3 no. 8-6-11 My '67.
- 72.03 PERIODS, STYLES, INFLUENCES
72.03(471.41)—Tatar A.S.S.R.
New data on Bolgar architecture in the Volga Valley. A.S. Voskresenskii, A.P. Smirnov, T.A. Khlebnikova. Sov. arkheol. no. 4:274-285 '67.
- 72.03(479.24)—Azerbaijan S.S.R.
Explanation of some problems concerning the architect Adzhami, the son of Abubekr, based on inscriptions of his time. Sima Kerimzade. Izv. AN Azerb. SSR, Ser. ist., filol. i prava no. 1:97-104 '67.
- 72.03(479.25)—Armenian S.S.R.
New data on Yannis architecture. K.K. Kafadarian. Sov. arkheol. no. 4:237-247 '67.
- 721 BUILDINGS GENERALLY. PROGRAMMING. DESIGN
From the annals of Soviet architecture. Arkh. SSSR 35 no. 10-11-11 '67.
- 721(471.232)—Leningrad City
Anniversary year structures. Stroi i arkh. Len. 29 no. 10-9, 12, 30, 36 O '67.
- 721(471.310)—Moscow City
Built, started, planned in the anniversary year. Gor. khoz. Mosk. 41 no. 10-8-13 O '67.
- 721(471.311)—Moscow Province
State farm village of a municipal type. P. Lipkin. Sel'. stroi 18 no. 8-19-20 Ag '63.
- 721(477.9)—Crimia
Apartment houses for villages of the Crimea. K. Heivych Sel' bud. no. 3-16-17 Mr '66.
- 721(479.24)—Azerbaijan S.S.R.
Architecture of Soviet Azerbaijan. A. Salamzade Arkh. SSSR 35 no. 10-15-21 '67.
- 721(479.25)—Armenian S.S.R.
Architecture of Soviet Armenia. V. Arutunian, L. Babayan. Arkh. SSSR 35 no. 10-22-28 '67.
- 725 PUBLIC, CIVIL, COMMERCIAL AND INDUSTRIAL BUILDINGS
Cultural and service facilities. G. Trumin, A. Grigor'iants. Stroi i arkh. 15 no. 11-22-25 N '67.
- 725.1 CIVIC AND PUBLIC SERVICE BUILDINGS
How to pick out a design for a club on a collective farm. G. Zhenkovich, SH' bud. 16 no. 1-7-8 Ja '66.
- 725.3 TRANSPORT, TRAFFIC AND STORAGE BUILDINGS
The airport is ready for flights. A. Arbutov Tyli snab. Sov. Voor. Sil. 26 no. 2-84-85 F '66.
- 725.3(471.232)—Leningrad City
On Leningrad soil. I. Volokitin, L. Malanichev. Grazhd. av. 24 no. 10-4-7 O '67.
- 725.3(471.311)—Moscow Province
Vnukovo is a quarter of a century old. M.I. Zadorozhnyi. Kryl. lod. 17 no. 8-26 Je '66.
- 725.3(471.43)—Kyrgyzstov Province
A dot on the map. V. Shipov. Grazhd. av. 24 no. 10-24-23 O '67.
- 725.3(575.4)—Turkmen S.S.R.
Roses in the sand. I. Nazarov, V. Gorskiy. Grazhd. av. 24 no. 10-22-23 O '67.
- 725.4 INDUSTRIAL BUILDINGS. FACTORIES, MILLS, WORKSHOPS, ETC.
Developing methods for assembling cement plant installations. V.G. Naumov. Mont. i spets. rab. v stroi. 29 no. 11-28-31 N '67.
In preparation for an important date. F.B. Iakubovskii. Mont. i spets. rab. v stroi. 29 no. 11-3-8 N '67.
The Kachkanar Mining and Ore Dressing Combine. E.A. Kandel'. Gor. zhur. 143 no. 11-48-53 N '67.
The Krivoy Rog Southern Mining and Ore Dressing Combine. I.I. Savitskiy and others. Gor. zhur. 143 no. 11-41-44 N '67.
Large-block assembly of the metal structural elements of a rack. I.I. Dolgin, V.M. Fedorov, V.S. Kanop. Mont. i spets. rab. v stroi. 29 no. 12-13-15 D '67.
Modern assembly methods should be used at construction sites of iron and steel plants. E. Ia. Nikolaevskii. Mont. i spets. rab. v stroi. 29 no. 11-24-27 N '67.
Prefabrication, economy, quality. K.A. Glukhovskoi. Stroi i arkh. Len. 29 no. 10-20-24 O '67.
Preparation of alcohol distilleries for processing of raw materials from new crops is the most important problem of the distilling industry. Fern. i spirt. prom. 32 no. 5-1-4 '66.
The Sokolovka and Sarbay Mining and Ore Dressing Combine. N.F. Sandrigallo. Gor. zhur. 143 no. 11-45-49 N '67.
- 725.4(574)—Kazakh S.S.R.
Economic problems of planning and attaining planned production capacity of new enterprises. A. Khegal. Vop. ekon. no. 2:122-126 F '66.
- 725.4(575.1)—Uzbek S.S.R.
It was built by the entire country. B. Oronuk. Ekon. i zhizn' 9 no. 10-39-40 '67.
- 725.5 HEALTH AND WELFARE BUILDINGS
Ensure timely completion and use of public health buildings in the village. I. Ushakov. Sel'. stroi. 18 no. 8-10-12 Ag '63.
- Technical equipment for modern hospitals in seismic regions. M.A. Gura. Izv. vys. ucheb. zav. stroi. i arkh. 16 no. 9-127-131 '67.
- 725.5(471.23)—Leningrad Province
Resorts of Leningrad Province. V.D. Kikhogiani. Stroi i arkh. Len. 29 no. 6-28 Ag '67.
- 725.7 PUBLIC REFRESHMENT BUILDINGS. BATHS SPA, RESORT AND PARK BUILDINGS
725.7(471.232)—Leningrad City
"Ladoga," a new restaurant. Stroi i arkh. Len. 29 no. 8-32-33 Ag '67.
- 725.8 PUBLIC ENTERTAINMENT AND RECREATION BUILDINGS
Manage for "Dinamo" Stadium. A.P. Izoltko. Stroi i arkh. Len. 29 no. 8-29 Ag '67.
- 725.9 VARIOUS CIVIL BUILDINGS AND STRUCTURES
New equipment at the International Exhibition "Odezhda." L.D. Dzhilova. Shvein. prom. no. 6-17-21 N-D '67.
Promotion of monuments in Petrograd. V. Gapeeva. Iskusstvo 30 no. 11-46-51 '67.
- 727 BUILDINGS FOR EDUCATION, SCIENCE, ART, ETC.
Reconstruction of the Kaplanov House of Culture. V.A. Potapov. Stroi i arkh. Len. 29 no. 8-30-31 Ag '67.
- 727(471.54)—Sverdlovsk Province
Palace of culture in Pervouralsk. I.A. Livshits, L. Sokolov, I. Litvinov. Na stroi. Ros. 8 no. 10-21 O '67.
- 727.1 SCHOOLS. SCHOOL ARCHITECTURE
Construction of rural schools under the unremitting attention of the public. I. Padezhnov. Sel'. stroi. 18 no. 8-5-7 Ag '63.
New designs of rural schools and nursery schools. V. Pukhov. Sel'. stroi. 18 no. 8-8-9 Ag '63.
Universal school building. G. Verstin. Sel'. stroi. 18 no. 8-7-8 Ag '63.
- 727.1(471.4)—Central and Lower Volga regions
Introduction of a work stage by the scientific organization of labor. L. Isa'ko. Na stroi. Ros. 8 no. 10-14 O '67.
- 727.6 MUSEUM, ZOOLOGICAL AND BOTANICAL GARDEN BUILDINGS
727.6(471.232)—Leningrad City
Museum of the Great October Revolution. L.A. Dubinin, N.F. Khomutskii. Stroi i arkh. Len. 29 no. 8-12-16 Ag '67.
- 727.6(471.310)—Moscow City
13 Gorkii Street, Moscow. F.S. Bochkarev. Gor. khoz. Mosk. 41 no. 10-59-63 O '67.
- 728 RESIDENTIAL BUILDINGS. HOUSING. DOMESTIC ARCHITECTURE
Built from monolithic reinforced concrete. E. Al'tshuler and others. Stroi i arkh. Mosk. 16 no. 11-25-27 N '67.
Organization of planning with the use of network graphs. G. Klevitskiy, V. Simonian. Na stroi. Ros. 8 no. 10-2-4 O '67.
- 728(471.232)—Leningrad City
Housing development will have greater expressiveness and variety. N.Z. Matusevich, A.B. Tovbin, D.A. Chagin. Stroi i arkh. Len. 29 no. 10-21-25 O '67.
- 728(471.310)—Moscow
Hotel on Lenin Prospekt. 16 no. 11-12 N '67.
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- Mann, T.
Thomas Mann, the poet. N. Kakabadze. Vop. lit. 10 no. 7 152-159 JI '66.
Thomas Mann's irony. E. D. Tamarchenko. Uch. zap. Perm. gos. un. no. 132 158-173 '65.
- Vogue, E. M.
"We all came out of Gogol's overcoat." S. Reiser. Vop. lit. 12 no. 2 184-187 E '68.
- 83.1 ENGLISH LITERATURE
Arguments contradict the facts. V. Brushlinskii. Vop. lit. 10 no. 5 187-192 My '66.
"Monasteries" and rebelliousness. M. Landor. Nov. mir. 43 no. 11 209-215 M '67.
New trends in British prose of the 1960's. V. Ivashova. Vop. lit. 11 no. 3 177-194 Mr '67.
The novel in the center of disputes. I. Levitova. Vop. lit. 11 no. 5 192-198 My '67.
On the article "Aesthetics" (1857) in Ch. Dana's "New American Cyclopaedia." G. Puzis. Vop. lit. 10 no. 5 167-186 My '66.
"Vietnam has become a concern for poets." M. Tugusheva. Vop. lit. 10 no. 7 113-116 JI '66.
- Blake, W.
Epigrams of William Blake. T. N. Vasileva. Uch. zap. Kish. un. 88 103-113 '67.
- Byron, G. G.
Lyric poetry of Byron. N. Berkovskii. Vop. lit. 10 no. 6 132-143 Je '66.
- Dreiser, T.
History of the friendly relations between Theodore Dreiser and the Soviet Union. A. N. Nikollukin. Nauch. dokl. vys. shkoly, filol. nauki 9 no. 4 155-161 '66.
- Greene, G.
The carnival of life. V. Vakhushev. V mire knig 7 no. 8 34 '67.
- London, J.
Philosophical sources of J. London's work; on the influence of Nietzsche. A. Sh. Sadagovskii. Uch. zap. Kish. un. 88 95-102 '67.
- Shakespeare, W.
A. I. Hertzzen on the realism of Shakespeare. V. D. Morozov. Uch. zap. TGU no. 62 232-239 '66.
"Julius Caesar" in Swahili. V. Ramzes. Vop. lit. 10 no. 7 116-118 JI '66.
"The world of real life." Belinskii on "Hamlet." L. Khodkovskaya. Vop. lit. 10 no. 8 155-171 Je '66.
- Swift, J.
Jonathan Swift. N. M. Severikov. Sred. spets. obr. 14 no. 12 41-44 D '67.
- 84 ROMANCE LITERATURE
Decadence or renewal? V. Kutshchikova. Vop. lit. 10 no. 6 144-151 Je '66.
Man and history; notes on the contemporary French novel. M. Vaksmakher. Vop. lit. 10 no. 5 124-146 My '66.
Translations of the "Internationale" into Russian. Valentin Dmitriev. Uch. zap. Kaf. perov. MGPIIA no. 4 3-22 '67.
- Rolland, R.
Dedicated to Romain Rolland. E. Trushchenko. Vop. lit. 10 no. 6 151-154 Je '66.
- 87 CLASSICAL LITERATURE (LATIN AND GREEK)
F. Hölderlin and ancient tragedy; his remarks on Sophocles "Oedipus" and "Antigone." K. S. Protasova. Nauch. dokl. vys. shkoly, filol. nauki 9 no. 4 55-65 '66.
Orations of Isocrates (continuation). Translated from the Greek. Vest. drev. ist. no. 3 175-193 JI-Ag-S '67.
- Pindarus
Published editions of Pindarus' text. N. S. Grinbaum. Uch. zap. Kish. un. 77 3-21 '66.
- 882 RUSSIAN LITERATURE
A. V. Lunacharskii and the proletarian poetry of the twenties. L. A. Belaia. Uch. zap. MGPI no. 255 65-84 '66.
Accuracy is indispensable not only to mathematics... V. Borshchukov. Vop. lit. 10 no. 7 182-183 JI '66.
Always alive. S. Mashinskii. Vop. lit. 11 no. 6 3-18 Je '67.
And so? Humanism and analysis! M. Kuznetsov. Vop. lit. 11 no. 3 49-64 Mr '67.
Books of life. A. Bek. Nov. mir. 43 no. 11 220-222 N '67.
By the strictest appraisal. G. Baklanov. Nov. mir. 43 no. 11 219-220 N '67.
Characteristics of the lyric hero in satire; based on materials of modern lyrical satire. Z. V. Stankevich. Uch. zap. Perm. gos. un. no. 132 45-82 '65.
Citizenship. A. Dubrovina. Vop. lit. 11 no. 1 27-53 Ja '67.
Civilian potential of contemporary prose. G. Brovman. Vop. lit. 11 no. 3 93-100 Mr '67.
- Community of research. I. Grinberg. Vop. lit. 11 no. 3 74-80 Mr '67.
Compositional (continuation). L. Aizerman. Nar. obr. no. 1 40-46 Ja '68.
The composition of a literary work as a creative process. N. P. Babushkin. Uch. zap. TGU no. 62 21-31 '66.
A conversation worth continuing. V. Ozerov. Vop. lit. 10 no. 6 49-52 Je '66.
Criticism should be honest. A. Verbitskii. Vop. lit. 10 no. 7 160-161 JI '66.
A critical review of the periodical "Unost." V. Dmitriev and others. Vop. lit. 12 no. 2 23-54 F '68.
The depth of generalization, the clearness of methodology. V. Ozerov. Vop. lit. 10 no. 6 3-8 Je '66.
A descriptive genre? No! B. Kostelianski. Vop. lit. 10 no. 7 24-45 JI '66.
Develop the theory of socialist realism more boldly. L. Novichenko. Vop. lit. 10 no. 5 36-42 Je '66.
Dialectical structure of form. N. Dmitrieva. Vop. lit. 10 no. 6 72-87 Je '66.
"Find an epithet and the only word..." controversial remarks. E. Osetrov. Vop. lit. 11 no. 6 55-66 Je '67.
For a sober analysis. I. Chernoutan. Vop. lit. 10 no. 8 45-49 Je '66.
"The forgotten genre; the contemporary satirical poem." E. K. Ozmitel'. Uch. zap. Perm. gos. un. no. 132 63-75 '65.
The future of our literature. K. Paustovskii. Nov. mir. 43 no. 11 227-230 N '67.
Genre of the epigram in the poetry of the "Iskra" poets. Z. B. Stankevich. Uch. zap. Perm. gos. un. no. 132 149-157 '65.
The gentle poet and the poet-satirist. M. Gin. Vop. lit. 11 no. 5 157-164 My '67.
The Great Patriotic War and literature. A. Surkov. Vop. lit. 11 no. 6 19-25 Je '67.
History of the struggle for socialist culture. V. Novikov. Vop. lit. 11 no. 3 27-48 Mr '67.
History of the writing of "The lay of the host of Igor!" Vop. lit. 11 no. 3 133-134 Mi '67.
How "Parnas Dytom" was created. New parodies on goats, dogs and the Waverleys. E. Papernala. A. Fin- kel'. Vop. lit. 10 no. 7 236-241 JI '66.
The hung-wet-pings discuss Soviet literature. I. A. Sid- orov. Vop. lit. 11 no. 5 187-191 My '67.
Ideological and literary problems of the first Soviet novels in Siberia, 1921-1925. R. I. Kolesnikova. Uch. zap. TGU no. 62 108-122 '66.
Ideological and political premises of the democratic romanticism of the 1870's. M. D. Zinov'eva. Nauch. dokl. vys. shkoly, filol. nauki 9 no. 4 3-15 '66.
"Improve writing..." L. Lazarev. Vop. lit. 11 no. 5 3-14 My '67.
In search of people of common views. D. Litkachev. Vop. lit. 10 no. 5 158-166 My '66.
In the depths of time. L. Iakimenko. Vop. lit. 11 no. 3 86-93 Mi '67.
In the thick of life, in the vanguard of society. V. Ozerov. Vop. lit. 11 no. 1 3-16 Ja '67.
"In the whirlpool of the new Russia"; letters of A. N. Kol- lentat to V. I. Lenin and N. K. Krupskaya in Switzerland. I. Dazhina. Nov. mir. 43 no. 4 235-242 Ap '67.
Indiscreetness of time. V. Bili'. Belotserkovskii. Vop. lit. 11 no. 1 17-26 Ja '67.
It should be made more precise. I. Khabarov. Vop. lit. 11 no. 5 197-198 Je '67.
Khrushov, V. M. [Literature and art; articles and speeches] O literature i iskusstvo, sluzhba i yustitsiya. Moskva, "Khudozh. lit.-ra," 1967, 261 p.
Moiyleva, T. L. [Through the eyes of friends and enemies; Soviet literature abroad] Glazami družel i vrugov; sovetskaya literatura za rubezhom Moskva, "Khudozh. lit.," 1967, 134 p. (Massovaya istoriko-literaturnaya biblioteka).
The language of legal documents. M. Maksimov. Sov. iust. 31 no. 16 15-16 Ag '67.
Life and quotations. N. Vinogradov-Mamon. Vop. lit. 10 no. 7 161-165 JI '66.
Limitations of free verse. A. Zhovits. Vop. lit. 10 no. 5 105-123 My '66.
Literary life. G. L. and others. Vop. lit. 10 no. 5 229-239 My '66.
Literary life. Vop. lit. 11 no. 6 244-255 Je '67.
Literary life. Vop. lit. 11 no. 2 243-255 F '68.
A living, developing art. V. Shcherbina. Vop. lit. 11 no. 3 3-17 Mr '67.
Living testimony of the time. V. Putintsev. Vop. lit. 11 no. 1 176-179 Ja '67.
The main problem. B. Suchkov. Vop. lit. 10 no. 6 9-14 Je '66.
Old thoughts, old-fashioned methods. B. Rybakov. V. Kuz'mina, Z. F. Filin. Vop. lit. 11 no. 3 153-176 Mi '67.
Onarov, I. I. [Through a reader's eyes] Glazami chitatel'ia. Alma-Ata, "Zhazushy," 1967, 204 p.
On the eve of the final congress. V. Kirpotin. Vop. lit. 11 no. 5 25-44 My '67.
On the paths to synthesis. D. Starikov. Vop. lit. 11 no. 3 69-73 Mr '67.
Organic characteristics of creative art. I. Volkov. Vop. lit. 10 no. 5 91-104 My '66.
- Our common cause; some problems of our pre-congress discussion. Vop. lit. 10 no. 7 3-23 JI '66.
The party calls to new achievements. Vop. lit. 10 no. 5 3-7 My '66.
Party membership and truth. G. Kunitayn. Vop. lit. 11 no. 6 157-169 Je '67.
Power of the word. B. Runin. Vop. lit. 11 no. 5 118-131 My '67.
Problems in the theory of dramaturgy at the First Congress of Soviet Writers. N. N. Kiselev. Uch. zap. TGU no. 62 17-62 '66.
Problems of the contemporary lyrical tale, based on material from the periodical "Unost." I. P. Odintsov. Uch. zap. MGPI no. 255 276-290 '66.
Quantity and quality. I. U. Surovtsev. Vop. lit. 10 no. 6 21-32 Je '66.
Reading and memorizing "The Werewolf," a poem by A. S. Pushkin. A. E. Adrianova. Nauch. shkola 35 no. 12 13-16 D '67.
Reading manuscripts. E. Vinokurov and others. Vop. lit. 11 no. 1 123-138 Ja '67.
Reflection of the social and national struggle at the beginning of the 17th century in the byline subject about Dobrynia Nikitich and Alesha Popovich. V. I. Ignatov. Uch. zap. TGU no. 62 1-20 '66.
The return. St. Lesnevskii. Vop. lit. 11 no. 3 84-68 Mi '67.
The middle of L. S. P., A. G. R. and A. M. F., A. Raskin. Vop. lit. 10 no. 7 234-238 JI '66.
Roads and crossroads. S. Mashinskii. Vop. lit. 10 no. 5 70-90 My '66.
Secure our achievements. B. Bursov. Vop. lit. 10 no. 6 32-36 Je '66.
Scaling in reality. M. Kuznetsov. Vop. lit. 11 no. 3 104-108 Mr '67.
A short treatise about the apple. L. Ozerov. Vop. lit. 12 no. 2 95-109 F '68.
Smolenskii, I. A. [The art of the resounding word] Is- kusstvo zvuchashchego slova. Moskva, "Sov. Rossiia," 1967, 125 p. (Biblioteka "Voprosy khudozhestvennoi samodelal'nosti," no. 23).
Structural poetics - "begetting" poetics. A. Zholkovskii, I. U. Shcheglov. Vop. lit. 11 no. 1 71-89 Ja '67.
The subject in contemporary poetry. I. U. A. Mchikov. Uch. zap. MGPI no. 255 244-258 '66.
Tales about youth in contemporary Soviet literature and criticism. I. P. Odintsov. Uch. zap. MGPI no. 255 258-276 '66.
Three "structuralisms" and the structure of creative works. M. Saparov. Vop. lit. 11 no. 1 101-113 Ja '67.
Time, forward! A. Bezymenskii. Vop. lit. 11 no. 3 16-28 Mr '67.
To be worthy of our reader. V. Bykov. Nov. mir. 43 no. 11 226-227 N '67.
Treasury of the spiritual experience of the people. N. Rylenov. Nov. mir. 43 no. 11 228-231 N '67.
Truth above everything else! B. Iakovlev. Vop. lit. 10 no. 7 165-174 JI '66.
Urgent problems of socialist realism; scientific conference at the Institute of World Literature of the Academy of Sciences of the U.S.S.R. Vop. lit. 11 no. 5 45-113 My '67.
What then is truth? On the article "What is truth?" by G. Gachev. B. Bialik. Vop. lit. 11 no. 6 67-87 Je '67.
When prose becomes poetry. P. Lazarev. Vop. lit. 11 no. 1 58-72 Ja '67.
When was "The lay of the host of Igor!" written? A. Zimin. Vop. lit. 11 no. 3 135-152 Mr '67.
"Write profoundly, truthfully..." readers on literature. Vop. lit. 10 no. 5 44-69 My '66.
The writer and the literary process. B. Bursov. Vop. lit. 10 no. 7 119-146 JI '66.
Zhakov, A. G. [Material for lectures and discussions on contemporary Soviet literature in secondary schools] Material k lekturam i besedam po sovremennoi sovetskoi literature v srednei shkole. Minsk, "Narodnaya asveta," 1966, 81 p.
- Andreev, L. N.
Significance of the image symbol in the early stories of Leonid Andreev. A. A. Achatova. Uch. zap. TGU no. 62 202-216 '66.
- Babel', I. E.
In full voice. S. Povartov. V mire knig 7 no. 8 28-29 '67.
- Bambeev, T.
The immortality of heroes. A. Vlasenko. V mire knig 7 no. 8 27 '67.
- Bermont, E.
A bold pen. L. Lench. Vop. lit. 11 no. 5 235-236 My '67.
- Blok, A. A.
The finale of the poem "The Twelve" by A. Blok. M. L. Suprin. Nauch. dokl. vys. shkoly, filol. nauki 9 no. 4 16-27 '66.
"The snow mask" by Aleksandr Blok. V. A. Sapogov. Uch. zap. MGPI no. 255 5-23 '66.
- Bochkarev, V. A.
Viktor Alekseevich Bochkarev. I. Mashbitsa-Verov. Nauch. dokl. vys. shkoly, filol. nauki 9 no. 4 189-190 '66.

- Chukhov, A. P.
On reading Chukhov K. Chukovskii. Vop. lit. 11 no. 5 195-156 My '67
- Dostoevskii, F. M.
The literary and authentic contradictions in F. M. Dostoevskii's novel "The idiot" D. L. Sorokina Uch. zap. TGU no. 62:230-260 '66
Unpublished letters of F. M. Dostoevskii. S. Belov Vop. lit. 11 no. 5 169-188 My '67
We all came out of Gogol's "overcoat" S. Reiser Uch. zap. TGU no. 12 no. 2 184-187 F '68
- Drofenko, S.
Sergei Drofenko's first book. "Turning attention to May." V. Zafeschuk. V mire knig 7 no. 8 31 '67.
- Ehrenburg, I. G.
Some problems in the work of I. G. Ehrenburg: from the twenties to the thirties. I. U. A. Pailgola Uch. zap. MGPI no. 255:432-439 '66.
- Fedin, K. A.
The plot development mastery of K. A. Fedin. I. M. Chegurnova. Uch. zap. Kish. un. 88:28-36 '67.
The rape of Europe. I. M. Chepuranova. Uch. zap. Kish. un. 88:37-68 '67.
- Gor'kii, M.
A. M. Gor'kii on M. E. Saltykov-Shchedrin. D. S. Kul'bas. Uch. zap. Perm. gos. un. no. 132:102-118 '65.
A comedy and drama at the same time; the genre of M. Gor'kii's play "Fog" Bulchev and other. G. G. Tseliatnikova. Uch. zap. Perm. gos. un. no. 132:91-101 '65
The greatness of revolutionary creation V. Novikov. Vop. lit. 12 no. 2 3-22 F '68
Founder of the art of socialist realism A. Volkov Kommunist 43 no. 4 71-83 M '68
Our Gor'kii Nov. vsem. 25 [i.e. 26] no. 12:1-3 Mr '68.
- Grossman, V.
The responsibility of memoir. V. Semin. Nov. mir. 43 no. 11 222-224 N '67.
- Hertzen, A. I.
A. I. Hertzen and N. I. Nadezhdin. V. D. Morozov. Uch. zap. TGU no. 62:240-249 '66.
A. I. Hertzen on the realism of Shakespeare. V. D. Morozov. Uch. zap. TGU no. 62:242-249 '66
History of the creation of A. Hertzen's article "More about Bazarov." I. S. Kadak. Uch. zap. Kish. un. 88:69-78 '67.
- Il'f, I. A.
Characteristics of the feuilleton work of I. Il'f and E. Petukov. S. V. Kurliandskaya. Uch. zap. MGPI no. 255:117-131 '66.
- Kalinin, A. V.
A. Kalinin's short tales: "The gipsy" and "Echo of the war." N. I. Shapieva. Uch. zap. MGPI no. 255:336-350 '66.
Hortatist in A. Kalinin's work: the novel "The stern field." N. I. Shapieva. Uch. zap. MGPI no. 255:356-373 '66.
- Karamzin, N. M.
N. M. Karamzin's last tales, the period of the "Vestnik Evropy." V. D. Morozov. Uch. zap. TGU no. 62:217-231 '66.
- Kaverin, V. A.
The subject as a means for the development of the hero's character in the work of V. A. Kaverin. G. A. Zaitseva. Uch. zap. MGPI no. 255:167-181 '66.
- Kazakevich, E. G.
Frontanul kazakevich's "Blue notebook" A. A. Mantilov. Uch. zap. MGPI no. 255:225-244 '66.
- The scheme and its realization. A. A. Mantilov. Uch. zap. MGPI no. 255:245-254 '66.
- Keppen, P. I.
P. I. Keppen's role in the history of the Russian cultural relations with Slavic peoples in the 1820's and 1830's. S. G. Potepalov. Vop. slav. iaz. no. 6 177-211 '62.
- Khlebnikov, V.
Vladimir Khlebnikov. V. Pertsov. Vop. lit. 10 no. 7 46-71 JI '66.
- Kozhevnikov, V. M.
Love of life: once more on the story "March-April." I. U. Fil'sev. Uch. zap. TGU no. 62:152-158 '66.
- Kuprin, A. I.
The creative laboratory of A. I. Kuprin. T. V. Oshatova. Nauch. dokl. vys. shkoly, filol. nauki 9 no. 4 28-42 '66.
- Leonov, L. M.
Along life's coordinates. L. Leonov. Vop. lit. 10 no. 8 95-106 Je '66
The doubles of a hero. A. P. Romanenko. Uch. zap. MGPI no. 255:405-417 '66.
- Man and his country according to L. Leonov's tale "Evgenia Ivanovna." M. A. Pichkha skaia. Uch. zap. MGPI no. 255:280-309 '66.
Specific characteristics of L. Leonov's artistic method: dramaturgy of the twenties. L. M. Shariannova Uch. zap. TGU no. 62 63-77 '66.
- Two editions of the novel "The thief" and some problems in the evolution of Leonid Leonov's views and method. L. P. Ovchinnikova Uch. zap. TGU no. 62 70-80 '66.
- Lermontov, M. IU
The sources of Lermontov's "Vadim" B. Neiman. Vop. lit. 10 no. 6 172-175 Je '66
- Libedinskii, I. U. N.
I. U. Libedinskii's search in theory in the midtwenties and the work on the tale "The commissars." A. M. Koiokotina. Uch. zap. TGU no. 62:91-107 '66.
- Lugovskoi, V. A.
The lyrical character in V. Lugovskoi's book of poems "Middle of the century." K. A. Delnenko. Uch. zap. MGPI no. 255:181-200 '66.
Some characteristics of V. Lugovskoi's postwar poetry. M. P. Gantsev Uch. zap. TGU no. 62 172-187 '66.
- Lunacharskii, A. V.
A. V. Lunacharskii and the proletarian poetry of the twenties. L. A. Belala. Uch. zap. MGPI no. 255:65-84 '66.
A. V. Lunacharskii on the sources of romanticism. N. A. Antipol'skii. Uch. zap. TGU no. 62:32-16 '66.
- Malakovskii, V. V.
Messenger of the sun. A. Koloskov. V mire knig 7 no. 8:21-23 '67.
V. V. Malakovskii's humor. N. E. Vasil'eva. Uch. zap. Perm. gos. un. no. 132 3-16 '65
- Matorov, N. P.
The work of the poet Nikolai Matorov. B. P. Kulikov. Uch. zap. MGPI no. 255:387-405 '66
- Makarenko, A. S.
The creative history of A. Makarenko's novel "Paths of the generation." Z. Levinson. Vop. lit. 11 no. 1 153-162 Ia '67
- Malyskhin, A. G.
Aleksandr Malyskhin: from "The fall of Dali" to "To people from out-of-the-way places" E. Kramov. Nov. mir. 43 no. 11 232-252. N '67.
- Martynov, L. N.
A bond of times. A. I. Mikhailov. Vop. lit. 10 no. 6:57-71 Je '66.
- Nadezhdin, N. I.
A. I. Hertzen and N. I. Nadezhdin. V. D. Morozov. Uch. zap. TGU no. 62:240-249 '66.
- Nekrasov, N. A.
A new study of the lyrics of Nekrasov. M. L. Noll'man. Nauch. dokl. vys. shkoly, filol. nauki 9 no. 4 181-182 '66
- Neverov, A.
For land, for liberty... books by Aleksandr Neverov. E. Pollakova. Nov. mir. 43 no. 4:204-213 Ap '67.
- Olesha, I. U.
The plot of Iurii Olesha's novel "Invy" as a means of satirical characterization of heroes. V. I. Burdin. Uch. zap. Perm. gos. un. no. 132 19-41 '65
- Ostrovskii, A. N.
Originality of the dramatic conflict in A. N. Ostrovskii's plays of the seventies and eighties. E. M. Zhilakova. Uch. zap. TGU no. 62:276-294 '66.
- Paustovskii, K. G.
Portrayal of lyric writers in the works of Konstantin Paustovskii. D. K. Tsarik. Uch. zap. Kish. un. 88:3-11 '67.
The style of Paustovskii. G. Trefilova. Nov. mir. 43 no. 4:214-220 Ap '67.
- Petrov, E.
Characteristics of the feuilleton work of I. Il'f and E. Petrov. S. V. Kurliandskaya. Uch. zap. MGPI no. 255:117-133 '66.
- Pisemskii, A. F.
Literary originality of A. F. Pisemskii's novel "The whirlpool." N. N. Gruzinskaya. Uch. zap. TGU no. 62:261-274 '66.
The novelist Pisemskii as a master of literary portrayal. P. G. Pustovoi. Nauch. dokl. vys. shkoly, filol. nauki 9 no. 4:48-54 '66.
- Platonov, A. P.
Andrei Platonov. L. Shubin. Vop. lit. 11 no. 6:26-54 Je '67.
- Pushkin, A. S.
A. S. Pushkin's "Small tragedies." V mire knig 7 no. 8 37-38 '67.
Historical prototype of the "Queen of spades." N. A. Babkina. Vop. lit. 43 no. 1 213-216 Ja '68
- New French translations Vop. lit. 11 no. 3:195-197 Mr '67
Why we read Pushkin: answer to an article by Professor D. Blagov. V. Nepomniashchii. Vop. lit. 10 no. 7 174-181 JI '66.
- Radishchev, A. N.
The legend of Radishchev's spiritual bankruptcy. S. Pokrovskii Vop. lit. 12 no. 2 168-192 F '68
- Reisner, L. M.
L. Reisner's path from aesthetic periodicals to the October Revolution. N. A. Taktasheva. Uch. zap. TGU no. 62:188-201 '66.
- Rozov, V. S.
V. Rozov's play "In search of joy," characteristics of his dramaturgical skill T. A. Mirshchichenko. Uch. zap. MGPI no. 255:337-387 '66.
- Saltykov-Shchedrin, M. E.
A. M. Gai'kii on M. E. Saltykov-Shchedrin. D. S. Kul'bas. Uch. zap. Perm. gos. un. no. 132:102-148 '65.
- Sashin, I.
A master of merry lines. A. Rashtin. Vop. lit. 11 no. 1 232-233 Ja '67.
- Sergeev-Tsenskii, S. N.
The revolution and the people in the works of S. N. Sergeev-Tsenskii. A. A. Kalashnikova. Uch. zap. MGPI no. 255:417-432 '65.
S. N. Sergeev-Tsenskii's tale "The oblique Elena." A. A. Kalashnikova. Uch. zap. MGPI no. 255:44-61 '66.
- Shishkov, V. IA.
The revolutionary October and V. IA. Shishkov's work of the twenties. L. I. Antsiferova. Uch. zap. MGPI no. 255:85-96 '66.
- Sholokhov, M. A.
Composition of M. A. Sholokhov's novel "Virgin soil upturned." A. M. Minakova. Uch. zap. MGPI no. 255:133-154 '66
- Sholokhov, M. N.
The role of the images of the masses in the epic genre: based on material from M. Sholokhov's novel "Virgin soil upturned," and L. Aragon's novel "Passion week." A. M. Minakova. Uch. zap. MGPI no. 255:154-166 '66.
- Shorm, G. P.
A book of the new genre M. Koz'min. Vop. lit. 10 no. 5:147-157 My '66.
- Sleptsov, V. A.
V. A. Sleptsov's article "First steps of popular journalism" M. P. Tsetsova. Uch. zap. Kish. un. 88:79-86 '67.
- Slonimskii, M. I.
Sources of M. I. Slonimskii's novel "The Lavrov's." M. V. Klepikova Uch. zap. TGU no. 62:136-151 '66.
- Soloukhin, V. A.
Lyric tales of V. Soloukhin: Country roads in Vladimir Province and "A drop of dew." A. A. Kriuchkov. Uch. zap. Kish. un. 88:12-24 '67.
- Svetlov, M. A.
Svetlov's smile. Vop. lit. 10 no. 5:224-227 My '66.
- Tolshov, N. D.
"The migrants": a cycle of stories by N. D. Tolshov. S. M. Denisova. Uch. zap. TGU no. 62:123-135 '66
- Turgenev, I. S.
An error in the commentaries to Turgenev's letters. E. Brandis. Vop. lit. 11 no. 1:181-182 Ja '67.
Kurliandskaya, G. B. [Method and style of Turgenev as a novelist] Metod i stil' Turgeneva-romantista Tula, Prickskoe kn. izd., 1987 245 p.
- Tvardovskii, A.
Characteristics of type, genre, and style of A. Tvardovskii's poem "Terkin in the other world." I. A. Mokhtrev. Uch. zap. Perm. gos. un. no. 132 78-80 '65.
- Vasil'ev, I. U.
The rebirth of Rusanov. B. Georgiev. V mire knig 7 no. 6:27 '67.
- Vol'nov, I. E.
Ivan Vol'nov's cycle of sketches "Fire and water." I. V. Chernysheva. Uch. zap. MGPI no. 255:96-116 '66.
- Zalygin, S. P.
Problem of the contemporary hero in S. Zalygin's novel "Paths of the Altai." E. A. Safronova. Uch. zap. TGU no. 62:159-171 '66.

- Benardos, N. N.
S. N. Benardos. *Shkola i proizv.* 11 no. 6-79 Je '67.
- Berezhiani, D. I.
Der'ia Ivanovna Berezhiani on her 70th birthday. *Khirurgia* 43 no. 12-99 D '67.
- Berezin, I. F.
Ivan Filippovich Berezin; on his 70th birthday. *Khirurgia* 43 no. 12-100-101 D '67.
- Bethe, H.
Bethe, a Noble Prize winner in physics in 1927. D. A. Frank-Kamenetskii. *Prirada* no. 1110-111 '68.
- Bik, V. I.
In memory of Vadim Iosifovich Bik. *Arkh. anat., gist. i en. br.* 53 no. 11 125-126 N '67.
- Bilashivskiy, M. F.
M. F. Bilashivskiy, an outstanding archaeologist and ethnographer, on the centenary of his birth. K. P. Bakht. *Ukr. ist. zhur.* 11 no. 10 112-113 O '67.
- Blifeld, D. I.
D. I. Blifeld; obituary. *Sov. arkheol.* no. 3:324 '67.
- Blokhintsev, D. I.
Dmitrii Ivanovich Blokhintsev; on his 60th birthday. *Atom. energ.* 24 no. 1 59-60 Ja '68.
Dmitrii Ivanovich Blokhintsev; on his 60th birthday. E. M. Baibishev. *Usp. fiz. nauk* 94 no. 1185-106 Ja '68.
- Bochkarev, V. N.
Valentin Nikolaevich Bochkarev; obituary. *Vop. ist.* 43 no. 1 221 Ja '68.
- Bochkova, M. N.
Look at your mama. . . L. Neskova. *Kryl. red.* 17 no. 6 5-6 Je '66.
- Bogdanov, I. M.
I. M. Bogdanov; obituary. *Vest. stat.* no. 1:81 '68.
- Bonhoeffer, D.
The "nonreligious Christianity" of D. Bonhoeffer and his followers. D. M. Ugrinovich. *Vop. filos.* 22 no. 2-94-102 '68.
- Boulding, K. E.
Real problems and naive illusions. A. I. A. Popov. *Vop. filos.* 22 no. 1 167-169 '68.
- Butagin, P. V.
On the 100th anniversary of P. V. Butagin's birth (1867-1967). *Zhur. mikrobiol., epid. i immun.* 45 no. 1 145-146 Ja '68.
- Catharine II, Empress of Russia
Memoirs of Catharine II, a disclosed secret of the Russian autocratic regime. N. I. A. Elderman. *Vop. ist.* 43 no. 1 149-160 Ja '68.
- Chandaev, P. I. A.
P. I. A. Chandaev and Russian social ideas in the first half of the 19th century. Z. V. Smirnova. *Vop. filos.* 22 no. 1 111-122 '68.
- Charnyi, I. A.
Prof. I. A. Charnyi; obituary. *Izv. vys. ucheb. zav.; neft i gaz* 10 no. 9-56 '67.
- Chernozhukov, N. I.
Seventieth birthday of Professor N. I. Chernozhukov. *Izv. vys. ucheb. zav.; neft i gaz*, 8 no. 9-61 '65.
- Chikhachev, P. A.
Petr Aleksandrovich Chikhachev, an explorer of the Altai Mountain region. A. D. Sergeev. *Izv. Akad. Geog. ob-va SSSR* no. 7:122-123 '66.
- Chubar, V. I. A.
Kol'tak, T. M. Vlas Iakovych Chubar. *Kyiv, Polittizdat Ukrainy*, 1967. 280 p. (Bortsi za velyku spravu).
- Comenius, J. A.
"Clementis Filiae," a version of "De rerum humanarum emendatione consultatio Catholica." A. Skarka. *Sov. pedagog.* 31 no. 12-93-96 D '67.
Contemporary meaning of Comenius' projects for the improvement of things as expressed in "Panothisia." J. D. Pope. *Sov. pedagog.* 31 no. 12 96-100 D '67.
A great humanist. N. K. Goncharov. *Sov. pedagog.* 31 no. 12-75-81 D '67.
The importance of J. A. Comenius' "De rerum humanarum emendatione consultatio Catholica" for socialist pedagogy. D. O. Lordkipanidze. *Sov. pedagog.* 31 no. 12 87-92 D '67.
An international conference on the work of Comenius "De rerum humanarum emendatione consultatio Catholica." *Sov. pedagog.* 31 no. 12-73-74 D '67.

The pansophical ideas of J. A. Comenius and their evaluation by the progressive Russian educators of the late 18th and early 20th century. A. I. Piskunov. *Sov. pedagog.* 31 no. 12 80-88 D '67.

- Daniel', I. U. M.
Ginzburg, Aleksandr, comp. [The white book of the trial of A. Sinlavskii and I. U. Daniel'] *Belaja kniga po delu A. Sinlavskogo i I. U. Daniela* [Frankfurt am Main] Posev, 1967. 430 p.
- Darmachev, A. K.
Professor A. K. Darmachev; obituary. *Elektrichestvo* no. 12 82-83 D '67.
- Dedukhin, V.
Creator of good moods. V. Dolgopolev. *Sov. voim* 49 no. 16-7 Ag '67.
- Degtiarev, V. A.
His life for the people. G. Nagev. *Tekhn. i vooruzh.* 25 no. 8 30-33 Ag '65.
- Dizhe, A. G.
Good traits. L. Shurshov. *Grazhd. av.* 24 no. 10:20-21 O '67.
- Dmitriev, G. P.
Everyday life of a mechanic. V. Ovchinnikov. *Tekhn. i vooruzh.* no. 9 7-9 S '64.
- Dolinskaya, K. N.
Ksenia Nikolaevna Dolinskaya, an obituary. *Arkh. nat.* 29 no. 12 82 '67.
- Drabkin, I. E.
I. E. Drabkin's 60th birthday. *Razved. i okh. nestr.* 34 no. 1 68 Ja '68.
- Dubinin, N. P.
Nikolai Petrovich Dubinin; on his 60th birthday. *Genetika* no. 13 '67.
- Dubyna, K. K.
Kur'ma Kindratovich Dubyna; an obituary. *Ukr. ist. zhur.* 11 no. 10 157 O '67.
- Dzerzhinskii, F. E.
F. E. Dzerzhinskii about the communist education of the rising generation. L. B. Iakovlev. *Sred. spets. obr.* 14 no. 8 24-26 Ag '67.
A knight of the revolution. N. M. Severikova. *Sred. spets. obr.* 14 no. 8 42-44 Ag '67.
- Dzhas, P. A.
Commander of the winged guard. V. Radchenko. *Tekhn. i vooruzh.* no. 8 26-27 Ag '65.
- Efimov, A. I.
In memory of Aleksandr Ivanovich Efimov. *Nauch. dokl. vys. shkoly, filol. nauki* 9 no. 4 105 '66.
- Ekimov, V. P.
V. P. Ekimov. *Shkola i proizv.* 11 no. 12:74 D '67.
- El'chin, T.
Yulmur El'chin. N. Terekhova. *Doshk. vosp.* 40 no. 8 '68 '67.
- Ellashberg, M. G.
Matvei Gerasimovich Ellashberg. *Bum. prom.* no. 5:29 My '65.
- Elizarov, P. P.
Pavel Pavlovich Elizarov; obituary. *Teploenergetika* 14 no. 12:93 D '67.
- Ernshtedt, P. V.
In memory of P. V. Ernshtedt, 1890-1966. *Vest. drev. ist.* no. 3:168-169 Ji-Ag-S '67.
- Erygin, P. S.
Petr Sergeevich Erygin; on his 70th birthday. *Izv. vys. ucheb. zav.; pishch. tekhn.* no. 6 7-8 '67.
- Falkenstein, A.
A. Falkenstein; obituary. *Vest. drev. ist.* no. 3:167 Ji-Ag-S '67.
- Faraday, M.
"To observe, to study, and to work..." A. P. Imshovskii. *V mire knig* 7 no. 8:14-15 '67.
- Fedorov, V. G.
Creator of the first automatic weapon. G. Nagev. *Tekhn. i vooruzh.* 25 no. 5-28-31 My '65.
- Fedorovskii, A. A.
Aleksandr Aleksandrovich Fedorovskii; on his 70th birthday. *Klin. khir.* no. 5:75-76 My '67.
Aleksandr Aleksandrovich Fedorovskii; on his 70th birthday. *Khirurgia* 43 no. 12:101 D '67.

- Fomin, V. N.
Viktor Nikolaevich Fomin; obituary. R. A. Nilender and others. *Svetotchnika* 13 no. 12 25 D '67.
- Gaidukevich, A. G.
The defect is repaired. I. Gusev. *Tekhn. i vooruzh.* no. 8 8-11 Ag '65.
- Gastello, N. F.
Those who stepped into immortality. A. Tsykin. *Kryl. red.* 17 no. 6 4 Je '66.
- Gay, J.
John Gay Martinus Schiblerus' club. I. V. Stupnikov. *Nauch. dokl. vys. shkoly, filol. nauki* 9 no. 4:146-154 '66.
- Gorodovsky, J.
In memory of Jaroslav Genosovskiy; obituary. S. G. Mairanovskii. *Zav. lab.* 33 no. 9 1172-1173 '67.
- Gerasimov, M. M.
M. M. Gerasimov's 60th birthday. *Sov. arkheol.* no. 3: 212-214 '67.
- Gerchikov, A. B.
His roads are in the seas. M. Khametov. *Sov. voim* 49 no. 16-4-6 Ag '67.
- Gertsen, I. G.
Ivan Genrikhovich Gertsen. *Ortop. i travm. i protez.* 28 no. 12 57 D '67.
- Gil'man, A. G.
A. G. Gil'man; on his 70th birthday. I. Kapur, khir. i anest. 12 no. 4-94-95 Ji-Ag '67.
- Gimmel'farb, B. M.
Boris Mikhailovich Gimmel'farb; obituary. *Lit. i pol. iskop.* no. 5 114-116 N-D '67.
- Glazunov, N. Kh.
A representative of the old generation. M. Nasybulin. *Sov. just.* 31 no. 16 22-23 Ag '67.
- Glazunov, M. F.
Academician Mikhail Fedorovich Glazunov; obituary. *Voen.-med. zhur.* no. 12 79 D '67.
Mikhail Fedorovich Glazunov; obituary. *Vop. onk.* 14 no. 1 116-117 '68.
- Glinka, K. D.
K. D. Glinka. *Shkola i proizv.* 11 no. 6-70 Je '67.
- Golitsyna, N. P.
Historical prototype of the "Queen of spades." N. A. Rabkina. *Vop. ist.* 43 no. 1 213-216 Ja '68.
- Golovchenko, S. G.
Semen Gavrilovich Golovchenko; on his 60th birthday. V. A. Burygin, O. Kh. Khasanov. *Uzh. biol. zhur.* 11 no. 6 65 '67.
- Gorlachkin, V. P.
V. P. Gorlachkin. *Shkola i proizv.* 11 no. 12:72-73 D '67.
- Grekov, I. I.
I. I. Grekov as the founder and editor of the periodical "Vestnik khirurgii." A. N. Filatov. *Vest. khir.* 99 no. 7-40-45 Ji '67.
I. I. Grekov and cardiac surgery. I. Kh. Gervorkian. *Vest. khir.* 99 no. 7 38-40 Ji '67.
I. I. Grekov's life and creative work. I. M. Guseva. *Vest. khir.* 99 no. 7:34-36 Ji '67.
Ivan Ivanovich Grekov, on the centenary of his birth. P. N. Napalkov, V. I. Vitlin. *Vest. khir.* 99 no. 7:20-33 Ji '67.
- Grigor'ev, K. N.
An outstanding theoretician of the collectivization of agriculture and practical worker in this field; on the 70th anniversary of K. N. Grigor'ev's birth. I. K. Grigor'ev. *Ukr. ist. zhur.* 11 no. 10:117 O '67.
- Grinovich, K. E.
K. E. Grinovich's 75th birthday. *Sov. arkheol.* no. 4:187-189 '67.
- Grunyshev, N. I.
Beyond the seas and oceans. A. Gerasimov. *Grazhd. av.* 24 no. 10:20-21 O '67.
- Hegel, G. W. F.
Hegel's philosophy of law. W. R. Bayer. *Vop. filos.* 22 no. 2 65-71 '68.
- Husserl, Edmund
Edmund Husserl's phenomenology and contemporary French existentialism. G. M. Tavrizian. *Vop. filos.* 22 no. 1 66-77 '68.
- Iastrebov, A. F.
Aleksandr Fedorovich Iastrebov; an obituary. *Zhur. mikrobiol., epid. i immun.* 44 no. 12 137 D '67.

- Il'inskaya, V. A.
Vera Arkad'evna Il'inskaya: an obituary. Zhur novykh psikh 68 no 1 157 '68
- Iunovitch, L. K.
In memory of L. V. Karlovich Iunovitch. Vest derm i ven 41 no 8 95 '67
- Ivanov, I. I.
Iuri I Ivanovich Ivanov, obituary. Tol f. prom. 44 no 8 30 '67.
- Jacquard, J. M.
Joseph Marie Jacquard. Shkola i proizv. 11 no 6-80 '67
- Julianus, F. C.
Julianus, the Apostle. I A Stuchevskiy. Vop ist 43 no 1 216-220 '68
- Kaminskii, G. N.
Leonov, I. T. G. N. Kaminskii. Moskva, "Meditsina," 1987 68 p (Nauchno-populiarnaya meditsinskaya literatura)
- Leonov, I. T. G. N. Kaminskii. Moskva, "Meditsina," 1987 68 p (Nauchno-populiarnaya meditsinskaya literatura. Vydavushchiesia delateli otechestvennoi meditsiny i zdravookhraneniia)
- Kaminskii, V. A.
Architect, scientist, teacher; 80th birthday of V. A. Kaminskii, S. B. Spitsanskii. Stroitel' i arkh. Len. 29 no 10: 25-27 O '67.
- Kashakashvili, N. V.
Nikolai Vasil'evich Kashakashvili obituary. Metallurg 12 no 5 40 My '67
- Khovenko, M. V.
Mikhail Vasil'evich Khovenko. Ortop , travm i protez 28 no 12 70 D '67
- Kimbarovskii, M. A.
In memory of Mikhail Aleksandrovich Kimbarovskii. Khirurgia 43 no 12 107-108 D '67
- Klodt, P. K.
P. K. Klodt. Shkola i proizv. 11 no 12 71 D '67.
- Kripovich, T. N.
T. N. Kripovich's 70th birthday. Sov. arkheol. no 4: 188-190 '67.
- Kollontai, A. M.
"In the whirlpool of the new Russia", letters of A. N. Kollontai to V. I. Lenin and N. K. Krupskaya in Switzerland, I. Dazhina. Nov. mir. 43 no 4: 235-242 Ap '67.
- Kononov, A. N.
Andrei Nikolaevich Kononov, A. P. Vekilov, S. N. Ivanov. Nauch. dokl. vys. shkoly, filol. nauki 9 no 1 190 '66.
- Kopystynskii, E. A.
Evgenii Augustovich Kopystynskii an obituary. Zhur novykh psikh 68 no 1 156-157 '68
- Korabel'nikov, I. D.
Ivan Danilovich Korabel'nikov; on his 70th birthday. Khirurgia 43 no 12: 101-102 D '67
- Kostomarov, N. I.
The library of N. I. Kostomarov. (E. O. Kolesnyk Ukr. ist. zhur. 11 no 10 156-157 O '67.
- Kotov, A. P.
Aleksandr Panteleimonovich Kotov. Ortop , travm i protez 28 no 12 56 D '67
- Kravchenko, P. V.
Petr Vasil'evich Kravchenko. Khirurgia 43 no 12: 109-110 D '67.
- Kriuger, O. O.
Otto Oskarovich Kriuger; obituary. Vest. drev. ist. no 3: 170-171 Ji-Ag-S '67
- Krupskaya, N. K.
"In the whirlpool of the new Russia"; letters of A. N. Kollontai to V. I. Lenin and N. K. Krupskaya in Switzerland, I. Dazhina. Nov. mir. 43 no 4: 235-242 Ap '67.
The living thread: from reminiscences and correspondence with N. K. Krupskaya. V. Armand. Nov. mir. 43 no 4: 198-203 Ap '67.
- Krzhlizhanovskii, G. M.
Revolutionary leader, academician, and poet. Energetik 15 no 12: 2-3 D '67.
- Kulaev, S. I.
In memory of Stepan Ivanovich Kulaev. A. S. Bogoslovskii, L. B. Levinson, V. V. Popov. Vest Mosk un Ser. 6 Biol. pochv. 23 no 1 123-127 Ja-F '68
- Kulagin, S. M.
S. M. Kulagin on his 70th birthday. Zhur mikrobiol. epid i immunit 44 no 11 154-155 N '67
- Kuz'min, N. V.
"Young Vitushinskii" in N. V. Kuz'min's illustrations. P. Krasnov. V mire knig 7 no 8: 36 '67.
- Landau, L. D.
Lev Davydovich Landau; on his 60th birthday. Atom energ. 24 no 1 57-58 Ja '68.
Lev Davydovich Landau, on his 60th birthday. V. L. Ginzburg. Usp fiz nauk 94 no 1 181-184 Ja '68
- Lebedev, A. P.
In memory of Aleksandr Petrovich Lebedev. Col zhur 27 no 6 114 N-D '67
- Lebedinskii, A. I.
Aleksandr Ignat'evich Lebedinskii; obituary. Geom i aer. 7 no 6 1127-1130 '67.
Aleksandr Ignat'evich Lebedinskii, obituary. Zem i vscel no 6 91-93 '67
- Lenin, V. I.
"In the whirlpool of the new Russia", letters of A. N. Kollontai to V. I. Lenin and N. K. Krupskaya in Switzerland, I. Dazhina. Nov. mir. 43 no 4: 235-242 Ap '67.
The Kremlin, Ditch's apartment, L. Kunetskaia. Nov. mir. 43 no 4: 221-226 Ap '67.
[The V. I. Lenin Central Museum] Tsentral'nyi muzei V. I. Lenina Moskva, "Sov khudozh." [1967] 9 p 51 illus
- Lepeshinskii, P. N.
P. N. Lepeshinskii, centennial of his birth. V. Aleksandrov. Vop ist KPSS no 3 99-103 Mt '68
- Levant, D. E.
D. E. Levant; on his 70th birthday. Urol. i nef. 32 no 1 33 Ja '67.
- Levich, V. G.
V. G. Levich, on his 50th birthday. N. N. Semenov and others. Zhur fiz. khim. 41 no 9 2407-2108 S '67
- Lobashev, M. E.
Mikhail Efimovich Lobashev; on his 60th birthday. Genetika 4 no 1 160-163 Ja '68
- Lodochnikov, V. N.
Anniversary meeting dedicated to the 60th anniversary of V. N. Lodochnikov's birth. R. T. Dzhirbashian, B. M. Mel'fetslan, R. L. Melkonian. Izv AN Arm SSR Nauki o zem. 20 no 4 106 '67
Contribution of V. N. Lodochnikov to petrology on the 60th anniversary of his birth. T. Sh. Tatevosian. Izv AN Arm SSR Nauki o zem. 20 no 4 5-14 '67
- Lunacharskii, A. V.
A. V. Lunacharskii's views on play and toys. Samson Glazer. Doshk. vosp. 40 no 8 97-98 '67
- Lunkovich, V. V.
V. V. Lunkovich as scientist; on the 100th anniversary of his birth and 25th anniversary of his death. N. N. Gettsenzon. Biol. zhur. Arm. 20 no 12 95-101 '67.
- Lysenko, T. D.
At the sources of a genetic discussion. Zh. Medvedev. Nov. mir. 43 no 4: 226-234 Ap '67.
- Malskii, I. M.
Revising the past. I. Malskii. V mire knig 7 no 8: 2-4 '67.
- Matsurian, N. A.
N. A. Matsurian; an obituary. Biol. zhur. Arm. 20 no 12: 106-111 D '67.
- Malakhovskii, V. A.
In memory of Vsevolod Antonovich Malakhovskii. Nauch. dokl. vys. shkoly, filol. nauki 9 no 4: 196 '66
- Markhilevich, K. I.
On the 75th birthday of K. I. Markhilevich. Zhur. nauch. i prikl. fiz. i khim. 11 no 6: 463 N-D '66.
- Marx, K.
"Browsing through books is my favorite pastime." I. Werhan. V mire knig 7 no 8: 5 '67.
The centenary of the first publication of "Das Kapital." Sted. spets. obr. 14 no 8 45-47 Ag '67
"Russian books on my bookshelf." V mire knig 7 no 8: 6-7 '67.
- Mendel'son, D. A.
Dmitrii Aleksandrovich Mendel'son; obituary. Kozh. - obuv. prom. 8 no 9 10 S '66
- Meshchaninov, I. I.
In memory of I. I. Meshchaninov. Sov. arkheol. no 3: 313-323 '67.
- Milostanov, N. N.
Professor Nikolai Nikolaevich Milostanov; on his 75th birthday. A. A. Shalimov, K. I. Pligin, A. Z. Tsentlin. Khim. khim. no 12 70-71 D '67
- Minadlov, G.
Minadlov and his "History of the Russo-Persian wars." O. A. Efendiev. Izv AN AzCB SSR. Ser. ist. i filos. i prava no 1 59-68 '67
- Mishbabaeva, B.
Julius Iul'ic wrote about her. A. Viktorov. Ikon i zhizn' no 11 20 '67
- Moiseev, V. A.
V. A. Moiseev, a senior mechanic of the boiler room. P. T. Mavrenkov. Energetik 15 no 12 6 D '67.
- Monakhov, A. D.
Role of Professor A. D. Monakhov in developing the textile industry of the U S S R. A. G. Prokoshin. Izv vys. ucheb. zav. i tekhn. tekh. prom. no 3 154-155 '67
- Morozova, M. IA.
M. IA. Morozova. N. Barysheva. Doshk. vosp. 40 no 12: 72-73 '67
- Morzhnikov, S. P.
An innovator. A. Frolov. Tekhn. i voosuzh. no 4 4-6 S '64
- Most, J.
Changes and additions of K. Marx to the second edition of J. Most's pamphlet "Capital and labor." Vop ist KPSS 12 no 2 67-80 I '68
- Mukhin, M. V.
Mikhail Vladimirovich Mukhin; on the 70th anniversary of his birth. Voen.-med. zhur. no 12 78-79 D '67.
- Nadel'skaya, E. P.
Elizaveta Pavlovna Nadel'skaya; 1881-1967. Stan i intr. 38 no 12 42 D '67
- Naumenko, N. N.
In memory of Nikolai Nikolaevich Naumenko. Khim. - farm. zhur. 1 no 7: 63 Ji '67.
- Nazirova, R.
The past will never be forgotten. D. Kucherenko. Ikon i zhizn' no 11 12-13 '67.
- Nemytskii, V. V.
Viktor Vladimirovich Nemytskii; obituary. Vest. Mesk. un. Ser. I Mat. mekh. 23 no 1 123-126 Ja-F '68.
- Novikov, L. V.
Elder military road engineer. F. Malyshev. Ty i snab. Sov. Voor. Sil 26 no 9 77 S '66
- Ogolevets, S. IA.
S. IA. Ogolevets, a populist of the 1870's. O. S. Viktorov. Vop ist 43 no 1 211-213 Ja '68
- Okerblom, N. O.
Nikolai Oskarovich Okerblom; obituary and outline of his life and work. Trudy LPI no 283 5-12 '67.
- Ordzhonikidze, G. K.
Dubinskii-Mukhadze, I. Ordzhonikidze. [Izd. 2-e, ispr.] Moskva, "Mol. gvardia," 1987. 334 p. (Zhizn' zamechatel'nykh liudei. Seriya biografiy. Vyp. 11 [361])
- Orlov, N. V.
Professor N. V. Orlov's 60th birthday. Mir. ekon. i mezhdunar. otn. no 1 156 '68.
- Pavlov, I. P.
On Wednesday with Pavlov; from reminiscences. IU. Frollov. Nov. mir. 43 no 4: 186-197 Ap '67.
- Pavlov, M. A.
M. A. Pavlov. Shkola i proizv. 11 no 12: 73-74 D '67.
- Petrakov, A.
Sania. Sov. voen. 49 no 16: 7-8 Ag '67.
- Petrenko, I. V.
Finance Chief Captain Petrenko, G. Reshetnikov. Ty i snab. Sov. Voor. Sil 26 no 9 53-55 S '68.

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- 930(471.324)—Voronezh Province
The study of ancient history in Voronezh University. A. I. Nemirovskii. Vest drev. ist. no. 3 107-111 Ji-Ag-S '67
- 930(476)—White Russian S. S. R.
Outline history of archaeological studies in prerevolutionary White Russia as well as studies in its history before the 1860's. L. V. Alekseev. Sov. arkheol. no. 4 146-163 '67.
- 930(497.2)—Bulgaria
Bulgarian studies on the history of the October Revolution. Emilia Kostova. Vop. ist. 43 no. 1 192-198 Ja '68
- 930(498)—Romania
The Ukraine in present-day Rumanian historiography. I. T. Liavych. Ukr. ist. zhur. II no. 10 138-144 O '67
- 930(5)—Asia
Soviet Oriental studies during the last 50 years. B. G. Gafarov. Vop. ist. 43 no. 1 56-63 Ja '68
- 930.1 HISTORY AS A SCIENCE THEORY.
PHILOSOPHY
Antiquity in the present-day historical and philosophical theories of the West. E. M. Shnaerman. Vest. drev. ist. no. 3 3-24 Ji-Ag-S '67
Correlation between the laws of historical materialism and the rules of historical science. A. I. Veitbin, P. M. Egdies. Vop. filol. 22 no. 2 110-117 '68
Discussion on precapitalist social formations: formation and structure. A. I. Gurevich. Vop. filol. 22 no. 2 118-129 '68
- 930.2 METHOD. STUDY OF SOURCES
A note on the methodology of historical studies (continuation). I. P. Kryp'yakevich. Upr. ist. zhur. II no. 10 94-97 O '67.
A report of a foreign observer on the life of the Russian state in the late 17th century. A. S. Mylnikov. Vop. ist. 43 no. 1 121-125 Ja '68
A system of the educational work of history and social science teachers. T. M. Shashlo. Ukr. ist. zhur. II no. 10 99-103 O '67
- 930.2(477)—Ukrainian S. S. R.
Some results of archaeological excavations of the Chersonese in Taurida, 1958-1964. V. N. Danilenko. Uch. zap. Peim. gos. un. no. 143 70-80 '66.
Ukrainian history in the collections of documents and materials, a bibliography (continuation). Ukr. ist. zhur. II no. 10 158-160 O '67.
- 930.2(485)—Greece
Operations of Isocrates (continuation). Translated from the Greek. Vest. drev. ist. no. 3 175-195 Ji-Ag-S '67.
- 930.25 ARCHIVES PUBLIC RECORDS
930.25(471.310)—Moscow Province
Additions to the collections of the Central Archives of the Party at the Institute of Marxism-Leninism of the Central Committee of the CPSU. M. S. Veselina, I. B. Russanova. Vop. ist. KPSS no. 1 150-156 M: '68
- 930.26 ARCHAEOLOGY. ANTIQUITIES
Archaeological excavation of an ancient settlement of the late Bronze Age near the village of Kobaykovo. E. S. Sharafutdinova. Kiat. soob. Inst. arkheol. no. 112 75-81 '67
Archaeological surveying with a directed magnetometer. G. V. Groshevol, L. L. Galkin, M. A. Zalozhnikovskii. Experience in electrical surveying according to the method of symmetrical profiling. K. K. Shilik. Sov. arkheol. no. 3 205-211 '67.
A list of A. V. Zbrueva's published works. G. L. Grinberg. Kiat. soob. Inst. arkheol. no. 112 6-7 '67.
Soviet archaeology during the last 50 years. B. A. Rybakov. Vop. ist. 43 no. 1 28-37 Ja '68
Soviet archaeology in the last 50 years. Sov. arkheol. no. 3 5-8 '67.
Work of the Sector of Scythian and Sarmatian Archaeology in 1965. I. S. Kamenetskii. Kiat. soob. Inst. arkheol. no. 112 140-142 '67.
- 930.26(436)—Poland
Some problems in the relative chronology of the Neolithic period in southern Poland. I. A. Kozlovskii. Sov. arkheol. no. 4 178-187 '67.
- 930.26(470)—European U. S. S. R.
Local characteristics of stock farming in the forest zone of Eastern Europe in the early Iron Age. I. U. A. Krasnov. Kiat. soob. Inst. arkheol. no. 112 31-37 '67.
- 930.26(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)
Achievements of archaeological studies in the R. S. F. S. R. A. N. Rogachev and others. Sov. arkheol. no. 3 9-46 '67.
- 930.26(471.23)—Leningrad Province
Burial mounds in the Pasha Valley. S. I. Kochukurkina. Sov. arkheol. no. 4 308-312 '67.
- 930.26(471.24)—Novgorod Province
From the history of Staraya Russa. A. F. Medvedev. Sov. arkheol. no. 3 265-266 '67.
- 930.26(471.25)—Pskov Province
An idol from a peat bog near the village of Usyaty. A. M. Mikhaev. Sov. arkheol. no. 4 287-291 '67
- 930.26(471.311)—Moscow Province
Archaeological studies in the Moscow region in 1964 and 1965. R. L. Rozentfeld. Kiat. soob. Inst. arkheol. no. 112 107-111 '67.
Reconstruction of the women's headdress based on the materials of a treasure trove from the Shecherbinka ancient site. M. A. Saburova. Kiat. soob. Inst. arkheol. no. 112 105-106 '67
Results of the excavation of the Shecherbinka ancient site. I. G. Rozentfeld. Kiat. soob. Inst. arkheol. no. 112 99-98 '67
A treasure trove from the Shecherbinka ancient site. A. F. Dubynin. Kiat. soob. Inst. arkheol. no. 112 99-104 '67.
- 930.26(471.314)—Vladimir Province
Burials of the Upper Paleolithic period and a grave at the Sungir' campsite. O. N. Badci. Sov. arkheol. no. 3; 142-159 '67
Skeleton of a man of the Upper Paleolithic period from the burial ground at the Sungir' campsite. G. F. Debets. Sov. arkheol. no. 3 160-164 '67.
- 930.26(471.323)—Kursk Province
Burial mounds and ancient settlements near the village of Siedniye Apochki. A. E. Altkhova. Kiat. soob. Inst. arkheol. no. 112 45-48 '67
- 930.26(471.324)—Voronezh Province
An ancient site in the region of Maslovskaya Street in Voronezh. A. D. Priakhin. Kiat. soob. Inst. arkheol. no. 112 49-56 '67
- 930.26(471.332)—Smolensk Province
The Smolensk citadel and its monuments. N. N. Voronin, P. A. Rappoport. Sov. arkheol. no. 3 287-302 '67.
- 930.26(471.4)—Central and Lower Volga Regions
Problem of a particular Poltavkinivskiy cultural type. N. K. Kachalova. Kiat. soob. Inst. arkheol. no. 112 14-22 '67
- 930.26(471.41)—Tatar A. S. S. R.
A find of rare golden rings in the village of Bolgary. A. P. Smirnov, S. A. Iminina. Sov. arkheol. no. 3 303-306 '67.
- 930.26(471.6)—Northern Caucasus
Crowns from Maykop and Novocheboksak museums. V. A. Il'inskai. Sov. arkheol. no. 4 295-301 '67.
- 930.26(471.61)—Rostov Province
Some details of horse harness of the Cimmerian period. A. N. Melent'ev. Kiat. soob. Inst. arkheol. no. 112 38-44 '67
- 930.26(471.65)—North Ossetian A. S. S. R.
A spearhead of the Mouster type from North Ossetia. V. P. Lubin. Sov. arkheol. no. 4 286-287 '67.
- 930.26(471.66)—Chechen-Ingush A. S. S. R.
Studying monuments of the early Iron Age found near the village of Serzhen'-Yurt. V. I. Kozhenkova. Kiat. soob. Inst. arkheol. no. 112 82-89 '67
- 930.26(474.2)—Estonian S. S. R.
Basic results of archaeological studies in Soviet Estonia. H. Moora. Sov. arkheol. no. 3 82-90 '67.
- 930.26(474.3)—Latvian S. S. R.
Archaeology in Soviet Latvia, 1945-1967. A. Stubava. Sov. arkheol. no. 4 103-122 '67.
- 930.26(474.5)—Lithuanian S. S. R.
Achievements of the archaeology of the Lithuanian S. S. R. R. Volkaitis-Kulikauskienė. Sov. arkheol. no. 3 91-105 '67.
- 930.26(476)—White Russian S. S. R.
Archaeological studies in White Russia during the Soviet period. V. S. Bud'ko, A. G. Mitrofanov. Sov. arkheol. no. 123-145 '67.
A burial ground and settlement of the Zarubintay cultural type near the village of Otverzhi. K. V. Kasparova. Kiat. soob. Inst. arkheol. no. 112 118-125 '67.
Outline history of archaeological studies in prerevolutionary White Russia as well as studies in its history before the 1860's. L. V. Alekseev. Sov. arkheol. no. 4 146-163 '67.
Statuette of a man from the Osóvets-2 campsite. M. M. Cherniavskii. Sov. arkheol. no. 4 291-293 '67.
- 930.26(477)—Ukrainian S. S. R.
Classification of Tauric stone boxes. Kh. I. Kels. Kiat. soob. Inst. arkheol. no. 112 23-30 '67.
- The 50th anniversary of Ukrainian archaeology. S. N. Bulikov. Sov. arkheol. no. 3 17-72 '67.
Kints on the Luka Vrublevetskaya ancient site. I. D. Zil'manovich. Kiat. soob. Inst. arkheol. no. 112 112-117 '67
Old Russian settlements in the central Dnieper Valley. Dovzhenok. Sov. arkheol. no. 4 269-273 '67
Recent finds of monuments of the Bronze Age in the Tiligul'skiy estuary. E. A. Symonovich. Kiat. soob. Inst. arkheol. no. 112 57-60 '67
Recently discovered burial ground of the 2d and 3d centuries A. D. near the village of Skalistoye in the Crimea. N. A. Bogdanova, I. I. Gushchikina. Kiat. soob. Inst. arkheol. no. 112 132-139 '67
Studying the rural areas of Kalos Limen. A. N. Shecheglov. Sov. arkheol. no. 3 234-256 '67.
Terra Sigillata from the Chersonese. G. D. Belov. Sov. arkheol. no. 4 301-306 '67
Three attempts to date the Chernyakhov culture. M. B. Shchukin. Kiat. soob. Inst. arkheol. no. 112 6-13 '67
- 930.26(477.8)—Western Ukraine
The Kiselev burial ground of the 1st and 2d centuries A. D. I. S. Vinokur, L. V. Varulenko. Kiat. soob. Inst. arkheol. no. 112 126-131 '67
- 930.26(478)—Moldavian S. S. R.
A burial mound of the Noua cultural type near the village of Saiyve Bedrazhi in Moldavia. G. I. Smilnova. Kiat. soob. Inst. arkheol. no. 112 66-74 '67.
A Hunnic boiler from Moldavia. G. A. Nudel'man. Sov. arkheol. no. 4 306-308 '67.
Moldavian archaeology during the Soviet regime. G. D. Smirnov, L. L. Polevoi. Sov. arkheol. no. 1 73-84 '67.
- 930.26(470.22)—Georgian S. S. R.
The development of archaeological studies in Soviet Georgia. A. M. Apakidze. Sov. arkheol. no. 4 5-25 '67.
- 930.26(479.224)—Abkhaz A. S. S. R.
Results of a five-year study of the Yashtukh site of the Paleolithic period. I. I. Korobkov. Sov. arkheol. no. 4 194-206 '67.
- 930.26(479.24)—Azerbaijan S. S. R.
The development of archaeological studies in Soviet Azerbaijan. R. M. Vaidov, I. G. Na'immanov. Sov. arkheol. no. 4 18-61 '67.
- 930.26(470.25)—Armenian S. S. R.
Archaeological study of Armenia during the Soviet regime. B. N. Arakellian, A. A. Martirosian. Sov. arkheol. no. 4 26-47 '67.
Excavation of Argishtikhinili. A. A. Martirosian. Sov. arkheol. no. 4 220-230 '67.
- 930.26(480.5)—Albania
Mosaic floors in the Illyrian city of Apollonia. T. G. Kastanian. Sov. arkheol. no. 4 248-259 '67
- 930.26(571.52)—Tuva A. S. S. R.
The Sagly-Bazhi II burial ground and the problem of Tuva's archaeology in the Scythian period. A. D. Grach. Sov. arkheol. no. 3 215-233 '67.
- 930.26(571.56)—Yakut A. S. S. R.
The Bel'kachi neolithic culture in the Aldan Valley. I. U. A. Mochanov. Sov. arkheol. no. 4 164-177 '67.
- 930.26(574)—Kazakh S. S. R.
Archaeological studies in Kazakhstan in the Soviet period. K. A. Akishev. Sov. arkheol. no. 4 62-78 '67.
- 930.26(575)—Central Asia
Protourban civilization in the southern part of Central Asia. V. M. Masson. Sov. arkheol. no. 3 165-189 '67.
- 930.26(575.1)—Uzbek S. S. R.
A clay head with a Sogdian inscription from Aphrosiab. I. Akhtarov. Sov. arkheol. no. 4 293-294 '67.
The development of archaeological studies in Uzbekistan during the Soviet regime. A. R. Mukhamedzhanov. Sov. arkheol. no. 4 93-102 '67.
Two stupas in southern Uzbekistan. G. A. Pugachenkova. Sov. arkheol. no. 3 257-264 '67.
- 930.26(575.2)—Kirghiz S. S. R.
Fifty years of archaeological studies in Kirghizistan. D. F. Vinik. Sov. arkheol. no. 4 79-92 '67.
- 930.26(575.3)—Tajik S. S. R.
Archaeology of Tajikistan during the Soviet regime. B. A. Litvinskii. Sov. arkheol. no. 3 106-123 '67.
- 930.26(575.4)—Turkmen S. S. R.
Archaeological studies in Turkmenistan during the Soviet regime. E. Atagarryev, O. Berdyev. Sov. arkheol. no. 3 124-141 '67.
Excavation of the Altyn-tepe ancient site in 1959-1961. A. F. Ganiellin. Sov. arkheol. no. 4 207-219 '67.
Recently discovered burials typical of wooden-walled mound period in southern Turkmenistan. A. M. Mandel'shtam. Kiat. soob. Inst. arkheol. no. 112 61-65 '67.

330.26(52)—Northeast Africa, Egypt and Sudan

... of the Viceroy's Museum (in) from the collection of the S. P. P. Museum of Pictorial Art. S. I. Khud... Vest.drev.ist. no. 163-65. II-Ag-S '67

1. EPIGRAPHY AND PALEOGRAPHY

... a letter to the editor of the "Vestnik drevnei... e "Corpus of Cuneiform Bosphorus" inscrip... A. I. Dolan, D. P. Kallistov Vest.drev.ist. 174 II-Ag-S '67

330.27(479.25)—Armenian S. S. R.

... N. V. [Recently discovered Vannic inscrip... from Karmir-blur] Novye urai tske nadpisi Kar... Predisl B. B. Plotovskogo Erevan, Izd... Armianskoi SSR, 1966 102 p. illus

330.27(498)—Romania

... in Walachia, Moldavia, Transylvania, ... D. P. Dojan Vop.iz. 10 no. 6 72-82

ANCIENT HISTORY

... Marcus Aurelius on the barbarians. V. D. Neronova, ... Per. gos. un. no. 113 65-68 '66

... the present-day historical and philosophical ... of the West. E. M. Shnerman Vest.drev.ist. 1-24 II-Ag-S '67

... of the Roman Empire struggled against ... in the 4th and 5th centuries. V. T. ... Uch.zap. Per. gos. un. no. 113 3-64 '66

... of literature on the history of the ancient world ... in 1962-1965, in the U. S. S. R. (conclusion) ... Vest.drev.ist. no. 3 156-166 II-Ag-S '67

... of the ... A. A. Stuchevskii Vop.iz. 13 118-220 Ia '68

... of ancient history in the Faculty of History ... University, V. I. Artyukh, Vest.Mosk.un.ist. 22 no. 6 49-52 N-D '67

... of ancient history in Voronezh University, A. I. ... Vest.drev.ist. no. 3 107-111 II-Ag-S '67

331(495)—Greece

... characteristics of a tradition concerning the ... in Tyrant Cypselos. M. A. Skrizhinskai Vest.drev.ist. no. 1 65-71 II-Ag-S '67

331(55)—Iran

... and Duttigamam, the early history of Buddhism ... B. A. Litvinskii Vest.drev.ist. no. 3 88-11-Ag-S '67

331(56)—Near East

... of the dependence of the rural population in Asia ... the 3d-1st centuries B.C. E. S. Golubitsova Vest.drev.ist. no. 3 25-44 II-Ag-S '67

331(57)—Central Asia

... the ... come from a mountain area or a steppe ... L. N. Gumilev, Vest.drev.ist. no. 3 91-99 II-Ag-S '67

331(62)—Northeast Africa, Egypt, and Sudan

... study and the study of the socioeconomic his... of Gre o Rom in Egypt in 1917-1966. I. F. Fikhan, Vest.drev.ist. no. 3 100-107 II-Ag-S '67

MEDIEVAL AND MODERN HISTORY

... Nikolai. [The years of confusion; outlines of ... struggles in 1941-1965] V smiatennyye gody, ocherk nashel bor'by v gody 1941-1965. New York, Veslavianskoe izd-vo, 1967. 304 p.

94(41)—United Kingdom and Northern Ireland

... differentiation of English manor estates in the 16th-17th centuries. Istam Narzikulov, Ukr.ist.zhur. 10 85-89 O '67

94(53)—Germany

... work on the history of the German labor ... M. I. Kudriavtseva Vop.iz. 13 no. 1 135 Ia '68

94(437)—Czechoslovakia

... with Benes. B. Kozelka, Nov.vrem. 25[i.e. 26] 18-8 F '68

94(45)—Italy

... of Roman artisans and guildsmen in the ... 25 years of the 14th century. N. A. Botnik, Uch.zap. Per. gos. un. no. 143 112-117 '66

94(460)—Spain

... speaking to you. B. Almazov, Sred.spets.obr. 1 51-52 Je '66

94(474.5)—Lithuanian S. S. R.

... strengthened through the shedding of blood. ... Ukr.ist.zhur. 11 no. 10 60-71 O '67

94(495)—Greece

[History of the Byzantine Empire in three volumes] Istoriia Vizantii v trekh tomakh. Red. koll. S. D. Skazhin i dr. Moskva, "Nauka," T. 3 1967 506 p

Military discipline in the Byzantine Army according to the "Tactica Leonis", characteristics of the Byzantine Army in the 9th and 10th centuries. V. V. Kuchma Uch.zap. Per. gos. un. no. 143 124-127 '66

The role of small monasteries in the economy of late Byzantine cities and their suburbs based on documentary materials of monasteries. M. A. Pollakovskaya, Uch.zap. Per. gos. un. no. 143 93-97 '66

Social characteristics of the Zealot movement in Thessalonica in 1342-1349. M. A. Stuzumov, Uch.zap. Per. gos. un. no. 113 86-92 '66

94(498)—Romania

Bobelko, I. and I. A. Kopanskii. [22 years of heroic struggle history of the revolutionary and liberation movement in Bessarabia in 1918-1940] Dvadsat' dva goda geroticheskoi bor'by, iz istorii revoliutsionno-osvoboditel'nogo dvizheniia v Bessarabii v 1918-1940 gg. Kishinev, Partizdat Moldavii, 1966 42 p. (V pomoshch' agitatoru i propagandistu).

94(5)—Asia

Eliseev, F. I. [In Indochina against the Japanese and as their prisoners in 1945. In the Foreign Legion of the French Army] V Indokhtae - protiv iapontsev i v plenu u nikh, 1945 V Inostrannoi Legione Frantsuzskoi armii New York, 1966 118 p

94(52)—Japan

Academician D. M. Zhukov's 60th birthday. I. O. H. Ukr.ist.zhur. 11 no. 10 117-118 O '67

94(55)—Iran

Minadot and his "History of the Turco-Persian wars" of the 16th century. M. Shamsi. Izv. AN Azerb. SSR, Ser. ist., filos. i prava no. 1 59-66 '67

94(56)—Near East

Sharifkhan Bidlisi, an outstanding Kurdish historian of the 16th century. M. Shamsi. Izv. AN Azerb. SSR, Ser. ist., filos. i prava no. 1 67-72 '67

94(560)—Turkey

Minadot and his "History of the Turco-Persian wars" of the 16th century. M. Shamsi. Izv. AN Azerb. SSR, Ser. ist., filos. i prava no. 1 59-66 '67

94(560.5)—Jordan

Hashimite Kingdom of Jordan. G. Mitakii. Mir. ekon. i mezhdunar. otn. no. 1 139-141 '68

94(597)—Vietnam

Along the paths of courage. Iakov Skliarevskii. Sov. profsoiuzy 23 no. 24 40-41 D '67

Along the paths of courage. Iakov Skliarevskii. Sov. profsoiuzy 24 no. 1 36-39 Ia '68

Cannon fodder for the Pentagon. IU. Iugovskoi Nov.vrem. 25[i.e. 26] no. 6 15-16 F '68

Crimes of the American crusaders. Nov.vrem. 27[i.e. 28] no. 7 10-12 F '60

Escalation of discontent. T. Kondrat'eva, Mir. ekon. i mezhdunar. otn. no. 1 136-137 '68

Gloomy days of an infamous bloc. V. Izakov. Nov.vrem. 25[i.e. 26] no. 7 18-19 F '68

Vietnam warning signal. Nov.vrem. 25[i.e. 26] no. 8 1-2 F '68

94(71)—Canada

Reaction to the October Revolution in Canada. Petro Kravchuk, Ukr.ist.zhur. 11 no. 10 33-39 O '67

940.53 HISTORY OF WORLD WAR II, 1939-1945

Chukhnov, Nikolai. [The years of confusion; outlines of our struggles in 1941-1965] V smiatennyye gody; ocherk nashel bor'by v gody 1941-1965. New York, Veslavianskoe izd-vo, 1967. 304 p.

The exploit of flankists. V. S. Lupach. Mor. sbor. 50 no. 11 14-10 N '66

Forever in formation. V. Solov'ev, Voen.-ist. zhur. 9 no. 11 52-56 N '67

Heroes do not die. N. A. Deribas. Sred.spets.obr. 14 no. 8 31-32 Ag '67

In town, in the mountains. Kh. Lubin. Tekh i vooruzh. 25 no. 5 14-17 My '66

Medical services during the battle of Stalingrad. A. N. Gligor'ev. Voen.-med. zhur. no. 1 10-24 Ia '68

Old soldier. E. Kriger. Nov.vrem. 25[i.e. 26] no. 8 8-9 F '68

Polovoi, B. N. [A big offensive; diaries of a war correspondent] V bol'shom nastuplenii, dnevniki voennogo korrespondenta. Moskva, "Sov. Rossiia," 1967. 351 p.

Role of the military soviets in the organization of party and political work at the front lines during the Great Patriotic War, 1941-1945. I. V. Stavitskii. Vop. ist. KPSS 13 no. 2 28-39 F '68

Sailors in the battles for Moscow. S. F. Kuvshinov. Mor. sbor. 50 no. 11 8-14 N '66

They were the first to go into battle. Kryl. rod. 17 no. 6 2-3 Je '66

Those who stepped into immortality. A. Tsykin. Kryl. rod. 17 no. 6 4 Je '66

The southwestern front in the counteroffensive around Stalingrad. A. Zheltov, Voen.-ist. zhur. 9 no. 11 57-60 N '67

Through the thundering noise of a cannonade. I. Nesterov, N. Zaborovskii. Sov. voen. 49 no. 16 20-22 Ag '67

940.53(471.2)—Northwestern R. S. F. S. R.

The 43rd day of the war. ... M. Tarasov, I. T. Serebradskii. Sov. profsoiuzy 23 no. 21 31-32 N '67

940.53(471.4)—Central and Lower Volga Regions

A classic operation in encircling maneuvers, on the 25th anniversary of the defeat of German Nazi troops around Stalingrad. V. Ivanov, N. Pavlenko, N. Pokin, Voen.-ist. zhur. 9 no. 11 26-38 N '67

940.53(471.44)—Saratov Province

It is one's duty to be a patriot. V. Uspenskii. Sov. profsoiuzy 23 no. 24 30 D '67

940.53(471.5)—Ural regions

The Ural tank corps goes into battle. N. Popel' Sov. profsoiuzy 23 no. 24 28-29 D '67

940.53(471.62)—Krasnodar Territory

In the direction of Tuapse. A. Luchinskii, Voen.-ist. zhur. 9 no. 11 69-75 N '67

940.53(474)—Baltic Republics

The liberation of the Baltic region. V. Zubakov. Tekh i vooruzh. no. 9 10-11 S '64

940.53(476)—White Russian S. S. R.

The 25th anniversary of a heroic action of guerrilla units. L. IE. Kyzia. Ukr.ist.zhur. 11 no. 10 108-110 O '67

940.53(477)—Ukrainian S. S. R.

On the 25th anniversary of the Battle of Stalingrad. Part. zhizn' 9 no. 3 63-64 F '68

Work of the political organizations of the Red Army with the Ukrainian population, 1943-1944. L. I. Tkachova, Ukr.ist.zhur. 11 no. 10 76-82 O '67

940.53(479.24)—Azerbaijan S. S. R.

A counteroffensive around Ordzhonikidze; on the 25th anniversary of the defeat of German Nazi troops around the town of Ordzhonikidze. D. Murlev, Voen.-ist. zhur. 9 no. 11 125-128 N '67

940.53(571.6)—Soviet Far East

In the headquarters of the commander-in-chief in the Far East. P. Kurochkin, Voen.-ist. zhur. 9 no. 11 75-82 N '67

Service provision in the operation of Soviet armed forces in the Far East. A. Lagovskii. Tyt. i snab. Sov. Voor. SII 25 no. 8 12-17 Ag '65

940.53(575.1)—Uzbek S. S. R.

Hero from the village of Aim. S. Semenov. Ekon. i zhizn' 9 no. 10 54-57 '67

One of the arsenals of the country. A. Khodzhaev. Ekon. i zhizn' 9 no. 10 56-59 '67

(410) GERMANY
see under the following numbers 329.04; 329.06,
333, 94

(431) GERMAN DEMOCRATIC REPUBLIC
see under the following numbers 06.07, 321,
329.04, 331.681, 342, 355.2, 371.3, 372.364,
373.6, 621.3, 621.38, 629.12, 63, 637, 658.2,
711.4; 72, 796

(433) FEDERAL REPUBLIC OF GERMANY
see under the following numbers 323, 324, 331,
343, 623.451

(436) AUSTRIA
see under the following numbers 338, 35.08, 382,
547.9, 552, 666.3

(437) CZECHOSLOVAKIA
see under the following numbers 002, 06.07,
329.06, 330.19, 331.97, 355, 355.5, 373,
38, 381, 41, 550.8, 620.19, 621, 622.2,
629.113, 63, 657, 667, 691.1, 72, 94

(438) POLAND
see under the following numbers 00, 300.582, 327,
330.19, 338.1, 355.5, 356.6, 37, 371.6, 381.1,
539.107, 575, 618.6, 617.3, 623.4, 629.13,
637, 657, 7.0, 930.26

(439) HUNGARY
see under the following numbers 330.10, 331.681,
343, 347.9, 355.2, 37, 372, 631.1, 778.5,
910

(44) FRANCE
see under the following numbers 14, 311, 323,
327, 329.06, 332, 333, 338.0, 351.82, 372,
621.3, 621.6

(45) ITALY
see under the following numbers 617.3, 677,
7.0; 94

(460) SPAIN
see under the following numbers 327, 94

(469) PORTUGAL
see under the following number 338

(47) UNION OF SOVIET SOCIALIST REPUBLICS
(U.S.S.R.)
see under the following numbers 327, 330.2, 42,
629.12, 80, 911, 914

(470) EUROPEAN U.S.S.R.
see under the following numbers 549, 550.4,
550.8, 550.9, 551.2, 551.3, 551.43, 551.7,
552, 553, 622.3, 636, 930.26

(471) RUSSIAN SOVIET FEDERATED SOCIALIST
REPUBLIC (R.S.F.S.R.)
see under the following numbers 37; 616.9, 639.2;
930.26

(471.1) NORTHERN R.S.F.S.R.
see under the following numbers 550.8, 551.2;
634.0

(471.11) ARCHANGEL PROVINCE
see under the following numbers 329.01, 355.5;
372; 688

(471.12) VOLOGDA PROVINCE
see under the following number 331.97

(471.13) KOMI A.S.S.R.
see under the following numbers 550.8, 551.5,
553.0; 576.8, 622.2, 622.3; 622.6

(471.2) NORTHWESTERN R.S.F.S.R.
see under the following number 940.53

(471.21) MURMANSK PROVINCE
see under the following numbers 549, 553, 622.7;
639.2

(471.22) KARELIAN A.S.S.R.
see under the following numbers 371.8; 56;
911; 947

(471.23) LENINGRAD PROVINCE
see under the following numbers 329.01, 552;
595, 69.0, 711.4; 725.5; 930.26

(471.232) LENINGRAD CITY
see under the following numbers 06.09, 331.8,
362.1; 362.8, 371.3; 372; 372.364, 373.6;
381, 615.4, 616, 621, 621.3; 624.1;
658.1; 658.7, 663; 681.1, 69, 696.6; 711.5;
711.8, 721, 725.3;

(471.24) NOVGOROD PROVINCE
see under the following numbers 41; 930.26

(471.25) PSKOV PROVINCE
see under the following number 930.26

(471.26) KALININGRAD PROVINCE
see under the following numbers 31, 338

(471.310) MOSCOW CITY
see under the following numbers 06.06; 06.09,
069, 31, 329.01, 338, 338.1, 339, 351.87,
354, 362.1, 362.8, 372, 373.6, 614.8, 616.89,
62, 621, 621.79, 621.9; 625.4, 628, 628.1;
628.2, 629.113, 658, 658.5, 658.7; 66, 664,
666.7, 687, 69, 69.05; 691, 711.1, 711.5,
72, 721, 727.6, 728, 910, 930.25

(471.311) MOSCOW PROVINCE
see under the following numbers 551.5, 582,
614.3, 621.3, 622.3, 631.2, 631.5, 639.2,
658.5, 699.8, 721, 725.3, 914, 930.26

(471.312) TULA PROVINCE
see under the following numbers 374, 621.1,
658.5, 711.3; 728

(471.314) VLADIMIR PROVINCE
see under the following numbers 01.9, 338.1,
677, 910, 911, 930.26, 497

(471.316) YAROSLAVL PROVINCE
see under the following numbers 300.48, 330.19,
338, 551.43; 910

(471.317) KOSTROMA PROVINCE
see under the following number 69

(471.32) CENTRAL BLACK EARTH REGIONS
see under the following number 631.4

(471.321) OREL PROVINCE
see under the following numbers 01, 797

(471.322) LIPETSK PROVINCE
see under the following numbers 616.9, 635.6,
69.05

(471.323) KURSK PROVINCE
see under the following numbers 669.16; 711.3,
930.26

(471.324) VORONEZH PROVINCE
see under the following numbers 331.881, 621,
621.007, 625.2, 631.1, 658, 664.1, 930,
930.26

(471.325) BELGOROD PROVINCE
see under the following number 604.1

(471.326) TAMBOV PROVINCE
see under the following number 664.1

(471.327) PENZA PROVINCE
see under the following numbers 373.6, 551.2;
551.7, 625.1, 63

(471.331) KALININ PROVINCE
see under the following numbers 551.43; 551.44,
551.45; 551.46, 551.5, 677

(471.332) SMOLENSK PROVINCE
see under the following numbers 333, 930.26,
947

(471.333) BRYANSK PROVINCE
see under the following numbers 614.8, 631.3,
658.2, 669

(471.34) VOLGA-VYATKA REGIONS
see under the following number 616.5

(471.341) GORKIY PROVINCE
see under the following numbers 338, 338.1;
591.5, 621.6, 622.3; 628.113; 635.1; 657;
911

(471.342) KIROV PROVINCE
see under the following number 331.8

(471.343) MARI A.S.S.R.
see under the following number 338.1

(471.344) CHUVASH A.S.S.R.
see under the following numbers 01.8, 631.8,
635.6

(471.4) CENTRAL AND LOWER VOLGA REGIONS
see under the following numbers 351.74; 599,
727.1, 930.26, 940.53, 947.084

(471.41) TATAR A.S.S.R.
see under the following numbers 329.14; 338,
347.9; 351.87, 621.5, 622.2; 635.8; 65.01;
657, 658.5, 691, 72.03; 930.26

(471.42) UL'YANOVSK PROVINCE
see under the following number 372

(471.43) KUYBYSHEV PROVINCE
see under the following numbers 597; 622.2;
639.2; 639.3; 664.7, 666.9, 725.3

(471.44) SARATOV PROVINCE
see under the following numbers 373.6; 385,
631.1; 940.53

(471.45) VOLGOGRAD PROVINCE
see under the 31; 331.881, 338; 371.8; 629.13;
631.3, 631.5, 666.9; 684; 69.05, 910

(471.46) ASTRAKHAN PROVINCE
see under the following number 330.19

(471.5) URAL REGIONS
see under the following numbers 372; 551.1;
582; 553, 556, 597, 599, 616.9, 621.77,
622.2, 622.3, 629.113, 631.5, 658.3, 658.5,
66, 669.18, 940.53, 947.084

(471.51) UDMURT A.S.S.R.
see under the following numbers 616.9; 629.118

(471.52) BASHKIR A.S.S.R.
see under the following numbers 17, 338.9;
347.996, 621.31, 622.2, 622.3, 631.2, 65.01,
658.5, 662.6, 665.5, 711.3

(471.53) PERM PROVINCE
see under the following numbers 30.07, 329.01;
331.8, 347.9, 550.8, 551.2, 553.9, 592, 621.22

(471.531) KOMI-PERMYAK NATIONAL DISTRICT
see under the following numbers 551.44; 552,
620.9, 621.1, 621.22, 622.2

(471.54) SVERDLOVSK PROVINCE
see under the following numbers 31, 329.01, 331.8,
338, 339, 371.3; 372, 373.6, 379, 551.4, 553,
62, 621.75, 622.3, 622.7, 657, 658.3, 658.5,
66; 678.4, 727

(471.55) CHELYABINSK PROVINCE
see under the following numbers 621.77, 622.3,
658.5, 739

(471.56) ORENBURG PROVINCE
see under the following numbers 543.3, 550,
551.1, 616.4, 622.2; 63

(471.6) NORTHERN CAUCASUS
see under the following numbers 336.1, 549, 550.8;
551.2, 551.4, 551.7, 633, 658.8, 664.1, 677,
930.26

(471.61) ROSTOV PROVINCE
see under the following numbers 329.04, 372.364,
633, 636.08, 675, 685, 930.26

(471.62) KRASNODAR TERRITORY
see under the following numbers 323.33, 331.8,
371.8, 550.8, 614.3, 622.2, 622.3, 622.6;
639.3; 664.1, 664.7, 666.9; 940.53

(471.621) ADYGE AUTONOMOUS PROVINCE
see under the following number 633

(471.63) STAVROPOL PROVINCE
see under the following numbers 615.8, 616.2, 633

(471.631) KALMYK A.S.S.R.
see under the following numbers 372, 598.2

(471.65) NORTH OSSETIAN A.S.S.R.
see under the following number 930.26

(471.66) CHECHEN-INGUSH A.S.S.R.
see under the following numbers 551.7, 622.2,
634.1; 665.5; 930.20

(471.67) DAGESTAN A.S.S.R.
see under the following numbers 312, 331.2;
336.1; 338.1, 551.48; 616.9; 621.01; 621.311,
621.313, 621.73, 631.8, 634.1, 635.1, 639.2;
658.5, 664.8

(474) BALTIK REPUBLICS
see under the following numbers 552, 622.3;
940.53

(474.2) E
see under
323.3
381.5,
629.113,

(474.3) LAT
see under
343.8, 3;
371.8, 3
621.33,
664.1; 6

(474.5) LIT
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371.7;
658.7,

(476) WHIT
see under
331.861,
500; 65
621.75;
681.1;

- (477) UKRAINIAN S. S. R.
see under the following numbers 01, 01.9, 02, 06.07, 061, 329.01, 329.02, 331, 331.1, 333, 336.1, 338, 338.1, 338.91, 339, 340.96, 341.2, 347.9, 347.963, 351, 351.62, 351.67, 352, 362.8, 367, 37, 370.17, 371, 371.1, 371.3, 371.8, 372.364, 373.6, 374, 381, 385/388, 385, 546, 547.9, 549, 550.4, 550.8, 551.2, 551.3, 551.4, 551.44, 551.7, 552, 553, 56, 562, 571, 576.8, 581, 582.2, 595, 597, 608, 614.3, 614.7, 615, 615.7, 615.8, 616.00, 616.089, 616.2, 616.3, 616.9, 617, 62, 621, 621.01, 621.3, 621.73, 621.77, 621.8, 621.87, 621.9, 622.2, 622.3, 622.7, 622.8, 624, 63, 631.1, 631.2, 631.3, 631.4, 631.6, 633, 635.6.
- (477) UKRAINIAN S. S. R. (Continued)
see under the following numbers 636.08, 637, 639.3, 655, 657, 658, 658.3, 658.5, 658.7, 66, 662.6, 662.7, 663, 664, 664.1, 664.8, 665, 665.5, 666.1, 666.5, 666.9, 668, 669, 669.1, 669.16, 669.18, 669.24, 67/68, 67, 675, 676, 677, 685, 687, 69, 691.1, 691.3, 693, 711.3, 711.4, 711.5, 711.7, 712, 778.5, 78, 792, 797, 910, 911, 930.2, 930.26, 940.53, 947, 947.084
- (477.6) DONETS BASIN
see under the following numbers 061, 338, 550.4, 551, 551.2, 551.7, 552, 553, 622.2, 622.3, 622.4, 625.1, 669, 910
- (477.8) WESTERN UKRAINE
see under the following numbers 06.09, 17, 331, 338, 347.9, 347.963, 351.87, 351.9, 54, 548, 551.4, 551.7, 552, 553, 553.9, 562, 576.8, 622.2, 622.3, 622.7, 624.1, 930.26, 947
- (477.88) TRANS-CARPATHIA
see under the following numbers 338.1, 35.08, 603
- (477.9) CRIMEA
see under the following numbers 338, 550.3, 550.34, 551.5, 637, 675, 691, 721, 947
- (478) MOLDAVIAN S. S. R.
see under the following numbers 01.9, 06.09, 21, 28, 323.3, 323.33, 331.891, 338, 338.1, 37, 371.1, 373.6, 398, 551.48, 551.49, 628.1, 631.3, 658.7, 664.1, 78, 796, 930.26, 947
- (479) CAUCASUS AND TRANS-CASPIA
see under the following numbers 331, 333, 549, 550.3, 550.8, 550.9, 551, 551.2, 551.3, 551.7, 582.4
- (479.22) GEORGIAN S. S. R.
see under the following numbers 06.07, 37, 373.6, 551.2, 551.3, 551.4, 551.8, 553.9, 561, 576.1, 595, 616, 622.3, 629.13, 631.4, 632, 633, 634.1, 637, 667, 930.26, 940.084, 947
- (479.223) ADZHARA S. S. R.
see under the following number 581.8
- (479.224) ABKHAZ A. S. S. R.
see under the following number 930.26
- (479.24) AZERBAIJAN S. S. R.
see under the following numbers 326, 330.2, 332, 37, 372, 378, 382, 550.4, 550.8, 551, 551.2, 551.3, 551.49, 551.7, 551.8, 553, 553.9, 571, 576.8, 597, 615.8, 616.3, 618.9, 621.31, 622.2, 622.3, 622.7, 631.4, 634.1, 663, 72.03, 721, 930.26, 940.53, 947
- (479.25) ARMENIAN S. S. R.
see under the following numbers 01.9, 06.09, 331, 331.8, 37, 372, 549, 550.9, 551.2, 552, 553, 574, 599, 616.9, 622.7, 625.9, 72.03, 721, 930.26, 930.27, 947.084
- (48) SCANDINAVIA
see under the following number 330.19
- (480) FINLAND
see under the following number 324
- following numbers 327, 332.6
- following number 35.08
- following numbers 323, 35.08,
- following numbers 32, 323, 323.3, 3.2, 931, 94, 940
- following numbers 300.1, 31, 330.115, 38, 339, 342, 351.82,
- (495.5) ALBANIA
see under the following numbers 720, 930.26
- (497.1) YUGOSLAVIA
see under the following numbers 382, 612.4
- (497.2) BULGARIA
see under the following numbers 06, 327, 338.1, 371.1, 373.6, 381.1, 622.7, 666.8, 930
- (498) RUMANIA
see under the following numbers 341.2, 355.5, 623.4, 930, 930.27, 94
- (5) ASIA
see under the following numbers 382, 930, 94
- (51) CHINA
see under the following numbers 323, 327, 382
- (519.17) NORTH KOREA
see under the following number 327
- (519.3) MONGOLIAN PEOPLE'S REPUBLIC
see under the following numbers 300.582, 331.881, 338.1
- (52) JAPAN
see under the following numbers 30.02, 338, 355.02, 39, 624.1, 914, 94
- (530) SAUDI ARABIA
see under the following number 323
- (530.8) KUWAIT
see under the following number 327
- (539) ARAB COUNTRIES AS A BLOCK
see under the following numbers 32, 327, 330.2, 382, 665.5
- (540) INDIA
see under the following numbers 662.7, 910
- (55) IRAN
see under the following numbers 20, 332.4, 910, 931, 94
- (56) NEAR EAST
see under the following numbers 09, 323.3, 355.02, 931, 94
- (560) TURKEY
see under the following numbers 37, 94
- (569.4) ISRAEL
see under the following number 327
- (569.5) JORDAN
see under the following number 94
- (57) ASIATIC U. S. S. R.
see under the following number 553.9
- (571) ASIATIC R. S. S. R.
see under the following numbers 330.1, 41, 546.1, 549, 550.4, 550.8, 550.9, 551.2, 551.3, 551.4, 551.7, 552, 562, 581.5, 621, 621.31, 621.6, 622.2, 622.3, 622.6, 624.1, 63, 633.2, 634.0, 65.01, 69, 947.084
- (571.12) TYUMEN PROVINCE
see under the following numbers 378, 551.4, 622.2, 622.3
- (571.13) OMSK PROVINCE
see under the following number 329.01
- (571.14) NOVOSIBIRSK PROVINCE
see under the following numbers 378, 633, 711.5
- (571.15) ALTAI TERRITORY
see under the following numbers 081, 31, 338, 551.2, 551.4, 551.43, 551.48, 551.7, 552, 562, 582.4, 591.9, 598.2, 910, 911, 914
- (571.16) GORNO-ALTAI AUTONOMOUS PROVINCE
see under the following numbers 551.2, 552
- (571.16) TOMSK PROVINCE
see under the following numbers 329.02, 41
- (571.17) KEMEROVO PROVINCE
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- (571.51) KRASNOYARSK TERRITORY
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- (571.511) TAYMYR NATIONAL DISTRICT
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- (571.512) EVENKI NATIONAL DISTRICT
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- (571.52) TUVA A. S. S. R.
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- (571.53) IRKUTSK PROVINCE
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- (571.55) CHITA PROVINCE
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- (571.56) YAKUT A. S. S. R.
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- (571.6) SOVIET FAR EAST
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- (571.61) AMUR PROVINCE
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- (571.62) KHABAROVSK TERRITORY
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- (575.1) UZBEK S. S. R.
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- (575.172) KARA-KALPAK A. S. S. R.
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- (575.2) KIRGHIZ S. S. R.
see under the following numbers 01.9, 06.09, 37, 371.1, 373.6, 373.88, 388.1, 618.9, 621.3, 622, 631.3, 658.3, 69, 930.26
- (575.3) TAJIK S. S. R.
see under the following numbers 01.9, 06.09, 313, 323, 338.1, 343, 347.9, 37, 551.49, 551.7, 553, 562.4, 591.8, 595, 597.6, 598.1, 598.2, 599, 614, 631.6, 633.2, 634.1, 636.5, 657, 677, 72, 930.26
- (575.4) TURKMEN S. S. R.
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(591) BURMA
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(728) CENTRAL AMERICA
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(98) ARCTIC AND NORTH POLAR REGIONS
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(99) ANTARCTICA SOUTH POLAR REGIONS
see under the following numbers 550, 550.3,
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PART D

Books on Russia and the Soviet Union, or by Russian and Soviet authors, in English or in the major Western European languages (French, German, Italian, Spanish) recently cataloged by the Library of Congress

IN ENGLISH

- ABRAHAM, GERAID ERNEST HEAL, 1904-
Studies in Russian music, critical essays on the most important of Rimsky-Korsakov's operas, Borodin's Prince Igor, Dargomyzhsky's Stone Guest, etc., with chapters on Glinka, Mussorgsky, Balakirev and Tchaikovsky, by Gerold Abraham. Freeport, N.Y., B. Ha for Libraries Press [1964] vi, 335 p. 22 cm. MH 302 A1634 1964 68-20265/MN
- ALMAZOV, ALFASFI PORISOVICH
Electronic properties of semiconducting solid solutions, by Aleksai B. Almazov. Translated from Russian by Albin Tybulewicz. New York, Consultants Bureau, 1964. 62 p. 24 cm. Translation of Elektron-nye svoystva poluprovodnykh tverdykh rastvorov. QF 612 S4A473 68-18820
- BARKOV, V. F.
Highway engineering [by] V. Barkov [and] M. Zama-hayev. [Translated from the Russian] Moscow, Mir, 1957. 535 p. 22 cm. Translation of Avtomobil'nye dorogi. TF 145 B12213 68-2815
- BECKER, ABRAHAM SAMUEL, 1927-
Soviet national income and product, 1958-1962 [by] Abraham S. Becker. Santa Monica, Calif., Rand Corp., 1963-66. 2 v. illus. 28 cm. (Rand Corporation Memorandum RM-4394-PR, RM-4881-PR) Vol. 1. National income at established prices. Vol. 2. National income at factor cost and constant prices. Q180 A1R36 no. 4391, 4881 68-2572
- BOURDEAUX, MICHAEL
Religious ferment in Russia: Protestant opposition to Soviet religious policy. London, Melbourne [etc.] Macmillan, New York, St. Martin's P., 1958. xi, 255 p. 23 cm. BX6310 R9B6 1958 68-15566
- BULGAKOV, MIKHAIL AFANAS'EVICH, 1891-1940
Black snow, a theatrical novel, translated from the Russian by Michael Glenny. London, Hodder & Stoughton, 1967. 224 p. 21 cm. PZ3 B869 B1 68-82086
- BULGAKOV, MIKHAIL AFANAS'EVICH, 1891-1940
Black snow, a theatrical novel, by Mikhail Bulgakov. Translated from the Russian by Michael Glenny. New York, Simon and Schuster [1968, c1967] 190 p. 21 cm. PZ3 B869B3 68-19939
- CHURCHWARD, L. G.
Contemporary Soviet government, by L. G. Churchward. London, Routledge & Paul, 1968. xxi, 366 p. 23 cm. JN6515 1968 C45 68-91216
- CONQUEST, ROBERT
The Soviet political system. New York, Praeger [1968] 144 p. 23 cm. (Praeger publications in Russian history and world communism, no. 200) JN6515 1968 C65 68-17378
- CORRIGAN, ROBERT WILLOUGHBY, 1927- comp.
Masterpieces of the modern Russian theatre, five plays edited by Robert W. Corrigan. New York, Collier Books [1967] 414 p. 18 cm. PG3245 C6 66-23478
- CORROSION OF METALS AND ALLOYS (Korroziya metallov i spлавov) Collection no. 2. Edited by N. D. Tumashov and E. N. Mirol'yubev. Translated from Russian [by Ch. Nisenbaum]. Jerusalem, Israel Program for Scientific Translations, 1966. iv, 322 p. 24 cm. TA462 K6433 1966 68-2784
- DIRSCHERL, DENIS
The new Russia, communism in evolution, edited by Denis Dirscherl. Dayton, Ohio, Pfaum Press, 1968. x, 203 p. 22 cm. DK274 D55 68-21350
- EL'CHANINOV, ALEKSANDR V., d. 1934.
The diary of a Russian pilot [by] Alexander Elchaninov. Translated [from the Russian] by Helen Iswolsky, English edition prepared by Kallistos Timothy Ware, with an introduction by Tamara Elchaninov and a foreword by Dimitri Obolensky. London, Faber, 1967. 255 p. 22 1/2 cm. BX382 E413 68-91209
- FOOTMAN, DAVID, 1895-
Red prelude: a life of A. I. Zhelyabov. 2nd ed. London, Barrie & Rockliff, Cresset, 1968. [7], 250 p. 23 cm. DK219 F. 6. Z5F6 1968 68-90094
- GAMBARIAN, LEON SARKISOVICH
The motor analyzer: experimental studies (Voprosy fiziologii dvigatel'nogo analiza: a eksperimental'noe issledovanie) [By] L. S. Gambaryan. Translated from Russian [by A. Ferber]. Jerusalem, Israel program for Scientific Translations, 1963. 170 p. 25 cm. QP391 G313 64-61645
- GNEDENKO, BORIS VLADIMIROVICH, 1912-
Limit distributions for sums of independent random variables, by B. V. Gnedenko and A. N. Kolmogorov. Translated from the Russian, annotated, and rev. by K. L. Chung. With appendices by J. L. Doob and P. L. Hsu. Rev. Reading, Mass., Addison-Wesley [1968] ix, 293 p. 24 cm. Translation of Prilozheniya k raspredeleniya dlya summy nezavisimyykh sluchaynykh velichin. QA273 G5813 1968 68-13549
- GORDON, PATRICK, 1835-1699.
Passages from the diary of General Patrick Gordon of Auchleuchries in the years 1635-1699. 1st ed, new impression. London, Cass, 1968. [3], iii+xxvi, 244 p. 20 cm. (Russia through European eyes, no. 3) DK114 G5 G6A33 1859a 68-88063
- GRZYBOWSKI, KAZIMIERZ
Soviet private international law. Leyden, A. W. Sijthoff, 1965. 178 p. 25 cm. (Law in Eastern Europe, no. 10) Law 65-27036
- HECHINGER, FRED M.
The big red schoolhouse [by] Fred M. Hechinger. Introd. by Paul Woodring. Gloucester, Mass., P. Smith, 1968. [c1962] 200 p. 21 cm. LA132 H4 1968 68-2844
- KAZAKOV, IURII PAVLOVICH, 1927-
Arcturus: the hunting hound, and other stories, by Yuri Kazakov. Illustrated by Bradford Holland. Translated from the Russian by Anne Terry White. [1st ed.] Garden City, N.Y., Doubleday [1968] 119 p. 24 cm. PZ7 K215Ar 68-14186
- KINTNER, WILLIAM ROSCOE, 1915- comp.
The nuclear revolution in Soviet military affairs. Translated and edited, with introduction and commentary, by William R. Kintner and Harriet Fast Scott. [1st ed.] Norman, University of Oklahoma Press [1968] xiv, 420 p. 24 cm. UA770. K53 67-24620
- KOLASKY, JOHN
Education in Soviet Ukraine: a study in discrimination and Russification. [Toronto] Peter Martin Associates [1968] xv, 238 p. 22 cm. LA853 U5K6 68-19628
- KOMARNITSKII, N. I., 1932-
Zones and planes of weakness in rocks and shear stability, by N. I. Komarnitskii. New York, Consultants Bureau, 1968. viii, 108 p. 26 cm. Translation of of Villanie zoni i ploskhnosti oslableniya v porodakh na ustoiichivost' skosov. TA710 K5653 68-17811
- KOZLOVA, OL'GA GEORGIEVNA.
Diatoms of the Indian and Pacific coasts of the Arctic [by] O. G. Kozlova. [Edited by D. Oliver]. Translated from the Russian [by S. Hoffman]. Jerusalem, Israel Program for Scientific Translations, 1966. 101 p. 24 cm. Translation of Platonovye vodotopli Indijskogo i Tikhookeanskogo morskoykh Arktiki. QK569. D54K63 68-61200
- LENIN, VLADIMIR IL'ICH, 1870-1924.
On the international working-class and communist movement. Moscow, Foreign Languages Publishing House [1961?] 422 p. 21 cm. Translation of O mezhdunarodnom rabochem i kommunisticheskoi dvizhenii. HD406 L4731 68-33194
- LENINGRAD ERMITAZH
The Hermitage, Leningrad: medieval & Renaissance masters, introduction and notes by V. F. I. Kuzon-Lossing and the staff of the State Hermitage, Leningrad, introduction translated from the Russian [by A. Deneskov], notes on the plates translated from the Russian [by L. J. Lowit], photographs by Petr Pavlov and Karel Neubert. London, Hamlyn, 1967. xss p. 101 plates. 9 col. illus. 32 cm. N3350. A8144 1967 68-07740
- LINNICK, IURII VLADIMIROVICH.
Statistical problems with nuisance parameters, by Ju. V. Linnik. [Translated from the Russian by L. J. Linnick]. Providence, American Mathematical Society, 1968. ix, 258 p. 24 cm. (Translations of mathematical monographs, v. 20) Translation of Statisticheskie zadachi s moshchushchimi parametrami. QA277. L513 67-30101
- MAGIDOFF, ROBERT, 1905- comp.
Russian science fiction, 1908; an anthology compiled and edited with an introduction by Robert Magidoff. Translated by Helen Jacobson. New York, New York University Press, 1968. vii, 211 p. 21 cm. PZ1. M274Rv 68-16804
- MILLER, WILLIAM JOHNSON.
The meaning of communism, by William J. Miller. Rev. by Griffing Bancroft. Study aids by Henry M. Savage. Morristown, N.J., Silver Burdett Co. [1968] 192 p. 24 cm. HX40 M527 1968 68-24682
- MOOS, ELIZABETH
Soviet education, achievements and goals. New York, National Council of American-Soviet Friendship, 1967. 127 p. 22 cm. LA831. B2. M595 67-30675
- PIERCE, RICHARD A.
Soviet Central Asia: a bibliography [by] Richard A. Pierce. Berkeley, Calif., Center for Slavic and East European Studies, University of California [1966] 3 v. 28 cm. Pt. 1. 1958-1966. Pt. 2. 1967-1917. Pt. 3. 1917-1966. Z3411. P53 68-01901
- PRATT, LAWRENCE
North Vietnam and Sino-Soviet tension. [Toronto, Published for the Canadian Institute of International Affairs by the Baxter Pub. Co.] 1967. 20 p. 21 cm. (Behind the headlines, v. 26, no. 6) F1034. B4 vol. 26, no. 6 68-86516

- PROFFER, CARL R**
The smile and Gogol's Dead souls By Carl R Proffer. The Hague, Paris, Mouton, 1967 [1968] 208 p 24 cm (Slavistic printings and reprintings, 62)
PG3332 M43P7 1968 67-30345
- PROMYSLOV, VLADIMIR FEDOROVICH**
Moscow in construction, industrialized methods of building, by V Promyslov Translated from the Russian by B Kuznetsov Moscow, Mir, 1967 304 p 22 cm Abridged translation of *Razvitiye industrii' novo stroitel'stva v Moskve*
TH86 M6P713 68-2805
- QUANTUM ELECTRONICS IN LASERS AND MASERS**
Edited by D V Skobel'tsyn Translated from the Russian New York, Consultants Bureau, 1968 vii, 161 p 27 cm (Proceedings (Study) of the P N Lebedev Physics Institute, v 31) Translation of *Kvantovaya fizika*
QC1 A411 vol 31 68-13059
- RUSSIA (1923- U.S.S.R.) Ministerstvo zdravookhrameniia**
Curriculum for the faculty course in medical bibliography for the students of higher medical institutes [Moskva] 1959 [2] p Microfilm
Microfilm 7410 Z Mic 68-100
- SEAMEN, GERALD R**
History of Russian music, by Gerald R Seaman New York, F A Praeger 22 cm
Vol 1 From its origins to Dargomyzhsky 1967
ML300 S33 67-21754/MN
- SOMERVILLE, JOHN 1903-**
Soviet philosophy a study of theory and practice New York, Greenwood Press, 1968 [c1946] xi, 289 p 23 cm
B4231 S6 1968 68-19296
- THE SOVIET PARLIAMENT, a reference book** [Translated from the Russian Russian text edited by F Kalmychev and V Vasilyev] Moscow, Progress Publishers, 1967 161 p 23 cm
JN6554 S573 68-2830
- SPASSKH, IVAN GEORGIEVICH**
The Russian monetary system A historical-numismatic survey. By I G Spassky Translated from the Russian by Z I Gotschina and revised by L S Forer Revised and enlarged ed. Amsterdam, Jacques Schulman, 1967 256 p 26 cm Translation of *Russkaya monetnaya sistema*
C73010 S613 1968 68-88729
- STANISLAVSKII, KONSTANTIN SERGEEVICH, 1863-1938**
Stanislavski's legacy, a collection of comments on a variety of aspects of an actor's art and life, by Konstantin Stanislavski. Edited and translated by Elizabeth Reynolds Hapgood. Rev. and expanded ed. New York, Theatre Arts Books [1968] v, 209 p 21 cm
PN2061 S71513 1968 68-16450
- STEKLOV, IURII MIKHAILOVICH, 1873-**
History of the First International [by] G. M Steklov. [Translated from the 3d Russian ed., with notes from the 4th ed., by Eden and Cedar Paul] New York, Russell & Russell, 1968. 463 p 22 cm.
Translation of *Per vyi International*.
HX11 I5S75 1968 68-10945
- THE STORY OF PRINCE IVAN, THE FIREBIRD, AND THE GRAY WOLF** Translated from the Russian by Thomas P. Whitney. Illustrated by Nonny Hogrogian New York, Scribner, 1968 1 v (unpaged) 21 x 28 cm
Translation of *Skazka ob Ivane-tsareviche, zhazhitse i serom volke*
PZ8 I S885 68-12521
- STUPOCHENKO, EVGENII VLADIMIROVICH.**
Relaxation in shock waves [by] Ye V Stupochenko, S. A. Losev and A I Ostrov. Translated by Scripta Technica, Inc Translation editor: Richard Shao-lln Lee. New York, Springer-Verlag, 1967 xi, 394 p 24 cm (Applied physics and engineering; an international series, v. 1) Translation of *Relaksatsionnye protsessy v udarnykh volnakh*
QC168 S8513 67-21459
- TROTSKY, LEV, 1879-1940.**
Strategy and tactics in the imperialist epoch, by Leon Trotsky. London, New Park Publications, 1967 80 p. 22 cm.
HX237 T7 68-90087
- TUCKER, ROBERT C**
Paths of communist revolution, by Robert C Tucker [Princeton, N J] Center of International Studies, Woodrow Wilson School of Public and International Affairs, Princeton University, 1968. 34 p. 28 cm (Princeton University Center of International Studies Research monograph no 28)
HX40 T79 68-2702
- U.S. Congress House. Committee on Foreign Affairs Subcommittee on Europe.**
The Soviet Union and Scandinavia; report of the special study mission of the Subcommittee on Europe Washington, U S Govt Print Off, 1967 vi, 16 p 24 cm (90th Congress, 1st session House report no 995)
F183 R8U5 68-60531
- U S Library of Congress Aerospace Technology Division**
Investigations in Soviet hypervelocity testing technique, comprehensive report [by Alexis Barakoff] Washington [1965] iv, 79 l 28 cm (USATD report 65-114)
Z663 Z3 A2 no 65-114 68-61073
- U S Library of Congress Aerospace Technology Division**
Liquid and solid propellants technology, compilation of abstracts [by Edward Wolski] Washington [1966] iv, 137 l 28 cm. (USATD report 66-2)
Z663 Z3 A2 no 66-2 68-60432
- U S Library of Congress Aerospace Technology Division**
Voskhod-1 and Voskhod-2 flights, review article [Washington] 1968 iii, 27 l 28 cm (USATD report P-65-46)
Z663 Z3 A2 no 65-46 65-62277
- U S. Maritime Administration**
The Soviet merchant marine. [Washington, For sale by the Supt. of Docs, U S Govt Print. Off., 1967] vi, 44 p 24 cm.
VK65 U55 68-60162
- VAKMAN, D. E.**
Sophisticated signals and the uncertainty principle in radar [by] D E Vakman Edited by Ernest Jacobs Translated by K. N Tiropoff. [New York] Springer-Verlag, 1968 xi, 253 p. 24 cm (Applied physics and engineering, v 4) Translation of *Slozhnye signaly i printsip neodrelenosti v radiolokatsii*.
TK6575 V283 68-18104
- VISTELIUS, ANDREI BORISOVICH.**
Studies in mathematical geology [by] Andrew B Vistelius. New York, Consultants Bureau, 1967 xv, 294 p 28 cm Selection of 28 articles by the author, translated from the Russian
QE33 V52 65-25266
- WERNHAM, JAMES C. S.**
Two Russian thinkers, an essay in Daidyaev and Shestov [by] James C S. Wernham. Toronto, University of Toronto Press, 1968 xiii, 118 p. 23 cm.
B4238 B44W43 68-65112
- WHELPTON, PETER**
Tourists' guide to Russia, edited by Peter Whelpton, drawings by Barbara Crocker. London, MacGibbon & Kee, 1967 [i.e. 1968] 183 p 19 cm
DK16 W45 68-87334
- YUZYK, PAUL, 1913-**
Ukrainian Canadians, their place and role in Canadian life [Toronto] Ukrainian Canadian Business & Professional Federation, 1967 104 p 23 cm
F1035 U5Y3 68-87300
- ZENKOVICH, V P.**
Processes of coastal development [by] V P Zenkovich. Edited by J A Steers. Assisted by Cuchmatne A M King Translated by D.G Fry [1st English ed.] New York, Interscience Publishers, 1967. xv, 738 p. 27 cm. Translation of *Osnovy ucheniia o razviti morskikh beregov*.
GB451 Z4213 1967b 68-3005
- IN OTHER WESTERN EUROPEAN LANGUAGES**
- AKHMATOVA, ANNA ANDREEVNA, 1868-1968**
Gedichte. [Von] Anna Achmatova. Ausgewählt und übertragen von Hans Baumann. München, Langeweise-Brandt, 1967. 106 p 21 cm.
PG3476 A324A43 68-89417
- ALEKSEEV, IVAN IVANOVICH**
Das Schliessen der Geschichte im direkten Richten Berlin, Verlag des Ministeriums für Nationale Verteidigung, 1967. 120 p 21 cm.
UD330 A415 68-37110
- ARCO, MANUEL DEL**
Rusia es otra cosa, la U. R. S. S. entrevista por un periodista [por] Del Arco Barcelona, Editorial AHR [1967, c1966] 147 p 25 cm.
DK28 A7 68-37609
- L'ART RUSSE DES SCYTHES À NOS JOURS Trésors des musées soviétiques** Grand Palais, octobre 1967-Janvier 1968. [Paris, Presses artistiques, 1967?] 1 v (unpaged) illus. (part col) 24 cm
N5068 A784 68-87289
- ASRATIAN, EZRAS ASRATOVICH, 1903-**
Quelques problèmes de neurophysiologie, conférences de E Asratian Moscou, Éditions en langues étrangères [1963?] 180 p 21 cm Translation of *Lektsii po nekotorym voprosam neirofiziologii*
QP361 A72814 68-35952
- BAKUNIN, MIKHAIL ALEKSANDROVICH, 1814-1876**
La liberté [par] Bakounine [Choix de textes] présentation et notes de François Munoz. [Paris] J.-J. Pauvert [1965] 325 p 18 cm.
HX915 B1658 68-33857
- BÉLIS, ROGER**
La Campagne de Russie, 1812 Cannes, Institut coopératif de l'École moderne, 1966 40 p 23 cm. (Bibliothèque de l'Institut, 630)
AC20 B47 no 630 68-86617
- BÉNEZET, RENÉ**
Les Russes et nous Monte-Carlo, Éditions Regain, 1967 61 p 19 cm.
DC59 B R8B4 68-89481
- BOFFA, GIUSEPPE**
Dopo Kruslov. [Torino] Einaudi [1965] 282 p 22 cm.
DK274 B58 68-37252
- BOGOMOLOV, GERASIM VASIL'EVICH**
Hydrologie et notions de géologie d'ingénieur [par] G. Bogomolov. [Traduit du russe par Vladimir Frolov] Moscou, Éditions de la paix [1965] 277 p 23 cm Added t p. *Gidrogeologia s osnovami inzhenernoi geologii*.
GB1003 B5814 68-35953
- BRANDS, HORST WILFRID**
Azerbaidzschisches Volksleben und modernistisches Tendenz in den Schauspielen Mirza Fethi Akhundzade's (1812-1878) 's-Gravenhage, Mouton, 1958. 81 p. 24 cm. (Slavo-Orientalia Monographienreihe über die Wechselbeziehungen zwischen der slavischen und orientalischen Welt, Bd 3)
PL314 A45Z59 67-110455
- BREHM, ALFRED EDMUND, 1829-1884**
Auf den Spuren der Aichare, Tier- und Abenteuergeschichten. Ausgewählt und mit einem Nachwort versehen von Kurt Böttcher [2. Aufl. Leipzig] Prisma-Verlag [1962] 221 p. 21 cm
DK755 B82 1962 68-40592
- BUCHHOLZ, ARNOLD.**
Neue Wege sowjetischer Bildung und Wissenschaft, methodische und organisatorische Probleme Köln, Verlag Wissenschaft und Politik [1963] 91, [1] p. 19 cm (Beiträge zur Sowjetologie, Bd. 2)
LA831 B2 B82 68-32006
- CHUGUNOV, T. K.**
Die staatliche Liebigenschaft, Analyse des sozialistischen Landwirtschaftssystems [von] T. K. Czuginow. [Aus dem Russischen übertragen von Wladimir Czuginow] München, Bergstadtverlag W. G. Korn, 1964. 192 p 25 cm
HD1492 R9C46 68-80362
- DAMERAU, NORDERT.**
Russisches und Westussisches bei Kurbskij. Wiesbaden, In Kommission bei O Harrassowitz, 1963. 96 p. 28 cm (Veröffentlichungen der Abteilung für Slavische Sprachen und Literaturen des Osteuropa-Instituts (Slavisches Seminar) an der Freien Universität Berlin, Bd. 28)
PG3304 K81 B34 68-33888

- translation of Spravochnik po operatsionnomu ischisleniu
QA432 D5214
68-90952
- DÖPMANN, HANS-DIETER
Der Einfluss der Kirche auf die moskowitzische Staatsidee Staats- und Gesellschaftsdenken bei Josif Volockij, Nil Sorski und Vassian Patrikeev. Berlin, Evangelische Verlagsanstalt, 1967 201 p 24 cm
JA84 R9D63
68-86699
- DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881
L'Adolescent [par] Dostoevski Traduit et annoté par Pierre Pascal Préface de Raymond Abelio. Paris, le Livre de poche, 1967, 2 v. 16 cm (Le Livre de poche classique, 2121-2122) Translation of Podrostok
PG3325 P5F76
68-90949
- ERFAHRUNGEN DER SOWJETARMEE BEI DER ERZIEHUNG VON OFFIZIERSCHÜLERN UND JUNGEN OFFIZIEREN [von N Tkatschenko, et al.] Übersetzung aus dem Russischen Berlin Verlag des Ministeriums für Nationale Verteidigung [1950] 46 p 22 cm. (Schriftreihe zu Fragen der Erziehung und Ausbildung in der Nationalen Volksarmee, Heft 3)
UD415.R9E7
68-34660
- FEDIN UND DEUTSCHLAND. Berlin, Aufbau-Verlag, 1962 310 p. 20 cm. Published to honor Konstantin Aleksandrovich Fedin on the occasion of his 70th birthday
PG3476 F4A42 1962
68-32916
- FELD, CHARLES
Quand Léonie vivait à Paris. Petite chronique illustrée de son séjour reconstituée par Charles Feld grâce à l'aide de quelques témoins oculaires Préface de Georges Cogniot. Paris, Club Messidor, 1967, 237 p 26 cm
DK254 L446F4
68-83007
- GEMEINNÜTZIGER VEREIN VILLA HUGEL, Essen.
Historische Schätze aus der Sowjetunion. Ausstellung, 27. Juni bis 28. August 1967 in Villa Hugel, Essen 2. Aufl. Veranstalter der Ausstellung ist der Gemeinnützige Verein Villa Hugel e. V., Essen-Bredeney. Redaktion der deutschsprachigen Ausg. des Kataloges und Glossar: Sabri und Günter C. Vieten Recklinghausen, Bongers in Kommission, 1967 122 p 24 cm
N9981.G4 1967
07-68404
- GESAMTEUROPAISCHES STUDIENWERK Bibliothek
Literatur aus den Beständen unserer Bibliothek mit Dokumentation von und über J.W. Stalin Zusammenge stellt von Elisabeth Barnbeck Abgeschlossen: Januar 1965. Vlotho [1965] 1H, 71, 2 p 29 cm (1H, AV, 23)
Z8833.5.G43
68-88312
- GEYER VON SCHWEPPEBURG, LEO DIETRICH FRANZ, Freiherr, 1886-
Die grosse Frage, Gedanken über die Sowjetmacht. Homburg v.d. H., Bernard & Graefe [1952] 81 p. 22 cm.
UA772.G45
68-37085
- GOLIAKOV, SERGEI MIKHAILOVICH.
Le Vrai Sogro, l'affaire Richard Sorge vue de Moscou [par] S. Golikov et V. Ponzioveky. Traduction de M. Matignon. Paris, A. Fayard, 1967 323 p. 19 cm. Translation of Richard Sorge
UD271.R92557314
68-88770
- GRAND-CARTERET, JOHN, 1850-1927.
Nicolas, ange de la paix, empereur du knout, devant l'objectif caricatural. Images russes, anglaises... américaines, etc. Paris, L. Michaud [1908] 288 p. 20 cm
DK258.G86
68-30958
- HASSELBACH, HELLA.
Mais in der Sowjetunion. Glessen, Kommissionsverlag W. Schmitz, 1964, 137 p 24 cm. (Osteuropastudien der Hochschulen des Landes Hessen Reihe 1 Glessener Abhandlungen zur Agrar- und Wirtschaftsforschung des europäischen Ostens, Bd. 30)
SB191.M2H424
68-35837
- HOFFMAN, REINHOLD WILHELM, 1908-
Tolstois Frühwerk und Krieg und Frieden als Vorbilder der Krise, eine Studie zum 50. Todestag des Dichters Rom, Tip. Pontificia Università Gregoriana, 1960. xvi, 66 p 22 cm
PG3386.H6
68-32812
- HORN, KARL WILHELM
Wörterbuch der Hygiene Russisch-deutsch Mit einem Register Deutsch-russisch Leipzig, Verlag Enzyklopadie, 1967 247 p 20 cm Added t p in Russian' Russko-nemetskii slovar' po gijene
RA423.H68
68-91923
- INTERNATIONAL INSTITUTE FOR EDUCATIONAL PLANNING
Planification de l'éducation en U.R.S.S., étude de K. Nojko, E. Monoszon, V. Jamine, V. Sevoitsev, avec les commentaires des membres d'une mission de l'IIEP en U.R.S.S. dirigée par Raymond Poignant Paris, Unesco, Institut international de planification de l'éducation, 1967 337 p 30 cm
LA831.B157
68-90330
- KOMMUNISTISCHESKAJA PARTIJA SOWJETSKOGO SOIUZA
Das neue Parteiprogramm der KPdSU Eingeleitet und kommentiert von Stephan Thomas Köln, Verlag Wissenschaft und Politik [1962] 127 p 23 cm
JN6598.K6N47
68-35943
- DAS KROKODIL UND SEINE ZEICHNER Berlin, Eulenspiegel Verlag [1961] [76] p 20 cm
PN6222.R8K76
68-32378
- KUZNETSOVA, ANNA
Wir bauen den "Moskowsch." Hrsg. vom Bundesvorstand des Freien Deutschen Gewerkschaftsbundes [Berlin, Tribune, 1951] 35 p 21 cm (Bibliothek der Aktivistin, 24) Translation of Po normam 1950 goda
HD8039.A82R81255
68-37073
- LANDAU, LEV DAVIDOVICH, 1908-
Mécanique [par] L. Landau et E. Lifschitz [Traduit du russe par Claude Ligny] Moscou, Editions de la Paix [1960] 231 p 23 cm. (Théorie Physique théorique, t. 1) Translation of Mekhanika
QA805.L284
68-34517
- LÖSCHE, PETER
Der Bolschewismus im Urteil der deutschen Sozialdemokratie 1903-1920 Mit einem Vorwort von George Kolowski. Berlin, Colloquium Verlag, 1967, ix, 308 p 24 cm. (Veröffentlichungen der Historischen Kommission zu Berlin, Bd. 28. Publikationen zur Geschichte der Arbeiterbewegung, Bd. 1)
DD222.L6
68-85830
- LÓPEZ CORTEZO, CARLOS.
Miguel Bakunin, apuntes biográficos [1. ed.] Madrid, Editorial ZYX [1966] 52 p. 17 cm (Colección Lee y discute, Serie verde, 14)
HX915.B3L6
68-38915
- LUCINI, MARCELLO.
La parabola di Stalin [Bologna] Cappelli [1966] 337 p. 21 cm
DK268.S9L76
68-33912
- MARABINI, JEAN.
U.R.S.S., la civilisation des "techniks." Encarts... I. Kogan, E. Naumov, R. Fesenko, I. Gagarino... [Tournai,] Casterman, [1966?] 205 p 19 cm (Horizon 2000)
DK276.M34
68-86089
- MARKERT, WERNER, 1905-1965
Sowjetunion. Verträge und Abkommen. Verzeichnis der Quellen und Nachweise 1917-1962. Unter Mitwirkung von Jörg K. Hoensch und Helmut König. Hrsg. von Werner Markert und Dietrich Geyer Köln, Graz, Bohlau, 1967. x, 611 p 26 cm
JX756.1667
68-91150
- MELIN, ELSA, 1922-
Einige Birkenrinde-Gramoty aus Novgorod. Lund, Gleerup, 1968. 45 p 25 cm. (Acta Universitatis Lundensis. Sectio I: Theologica, juridica, humaniora, 3)
CN1083.N6M4
68-85426
- MESSE, GIOVANNI.
La guerra al fronte russo, il Corpo di spedizione italiano (C.S.I.R.). Ed. riv., accresciuta e aggiornata. Milano, Rizzoli [1964, c1947] 398 p. 19 cm.
D764.M4 1964
68-33542
- Kriminologie, Lehrbuch Verantwortlich für die Redaktion der deutschen Übersetzung Heinz Kerst Potsdam-Babelsberg [Deutsche Akademie für Staats- und Rechtswissenschaft "Walter Ulbricht"] 1967 2 v 21 cm (Aktuelle Beiträge der Staats- und Rechtswissenschaft, Heft 20) Translation of Sovetskaja kriminologia
Law
68-37337
- NURPEISOV, ABDIZHAMIL
Le Crépuscule [par] Abdéjamil Nourpéïssov Roman adapté du kazakh et préfacé par Iouri Kazakov Traduction française de Lily Denis [Paris,] Gallimard, 1967. 277 p 20 cm Translation of Sumerki
PL65.K49N814
68-91005
- OCAMPO MOSCOSO, EDUARDO
Bucarest, Moscu, Praga, contactos culturales a través de un viaje por la República Popular Rumana, la Unión Soviética y Checoslovaquia. Cochabamba, Bolivia, Impr. Universitaria [1962] 338 p 19 cm.
DR16.O25
68-32799
- OSTRY, ANTON
Rollbahn in die Holle Der wandernde Kessel von Tschekassy-Koisun (Mit 10 Bildtafeln und einem dokumentarischen Abriss.) Rastatt, Pabel, 1967 271 p 22 cm
PT2675.S75R8
68-91300
- OYARZÚN, LUIS
Diario de Oriente, Unión Soviética, China e India [Santiago, Chile] Editorial Universitaria, 1960. 121 p. 19 cm
DS711.O93
68-32753
- PALLAS, PETER SIMON, 1741-1811
Reise durch verschiedene Provinzen des Russischen Reichs Vorwort zum Nachdruck Dietmar Henze (Nachdruck der in St. Petersburg 1771-1776 1776 erschienenen Ausg.) Graz, Akademische Druck- u. Verlagsanstalt, 1967 3 v 20 cm and atlas
DK23.P16 1967
68-90133
- PANZER, BALDUR
Die Funktion des Verbalaspekts im Praesens historicum des Russischen München, O. Sagner, 1963 106 p 21 cm (Slavistische Beiträge, Bd. 9)
PG2301.P3
68-37637
- PIRAYECH, PURANDOCHT, 1926-
Persisch-russische Beziehungen zwischen den beiden Weltkriegen [München] Druck: Mikrokopie München, 1964. ix, 170 p 21 cm
DS274.2.R8P56
68-32112
- LA POLITIQUE ÉTRANGÈRE DE L'U.R.S.S. [Traduit du russe par A. Kozine sous la rédaction de Jacques Imbert. Auteurs V. Isaackian (responsable de la publication) et al.] Moscou, Éditions du Progrès [1967] 424 p. 18 cm. Translation of Vneshnaja politika SSSR
DK274.3.1967.V554
68-90395
- PONTRIAGIN, LEV SEMENOVICH, 1908-
Mathematische Theorie optimaler Prozesse. [Von] L. S. Pontrjagin [u.a.] (Übers. von W. Hahn und R. Herschel) Mit 87 Bildern und 25 Tabellen. 2., verb. Aufl. München, Wien, Oldenbourg, 1967 340 p. 24 cm Translation of Matematicheskaja teorija optimal'nykh protsessov.
QA402.5.P615 1967
68-86754
- QUARONI, PIETRO.
Russia e Cina. Milano, Garzanti, 1967 329 p. 21 cm
DK68.7.C5Q3
68-90826
- RITTER, GERHARD, 1915-
Das Kommunemodell und die Begründung der Roten Armee im Jahre 1918. Wiesbaden, In Kommission bei O. Harrassowitz, 1965. 262 p. 24 cm. (Osteuropa-Institut an der Freien Universität Berlin. Philologische und soziologische Veröffentlichungen, Bd. 6)
UA772.R5
68-87742
- RZHEVSKAJA, ELENA MOISEEVNA
Hitlers Ende ohne Mythos [Von] Jelena Rshewskaja. (Ins Deutsche übertragen von Werner Hantke.) Berlin, Deutscher Militärverlag, 1967 97 p. 20 cm Translation of V poslednie dni
DD247.H5R925
68-86518

SAMBOO, GOPALJEE
Le vrai visage de L'U R S S Paris, Éditions du
Scorpion [1964] 156 p. 19 cm
DK28. S16 68-34604

SARKISOV, SEMEN ALEKSANDROVICH, 1897-
Grundriss der Struktur und Funktion des Gehirns
[Von] S. A. Sarkisow (Eigentliche Übersetzung der
russischen Originalausgabe von 1964 Übersetzung
und Redaktion der deutschen Ausg. L. Pickenhain)
Berlin, Verlag Volk und Gesundheit VEB, 1967
361 p. 25 cm Translation of Očerki po strukture i
funktsii mozga.
[QP376] 68-69812/SC

SCHMAUS, ALOIS.

Probleme und Methoden der sowjetischen Folk-
loristik, ein Bericht München, R. Lerche, 1959
31 p. 21 cm (Wissenschaftliche Informationen zur
Volkskunde, Altertumskunde und Kulturgeographie
aus dem östlichen Europa, Heft 4)
GR47. R883 68-39010

SCHÜRMAN, ULRICH, writer on oriental rugs

Teppiche aus dem Kaukasus, eine eingehende
Darstellung der Teppichknüpfkunst des 18. und 19.
Jahrhunderts in den einzelnen Distrikten des Kauka-
sus Braunschweig, Klinkhardt & Biermann [1965]
359 p. 27 cm.
NK2809 C3S33 1965 68-90649

SERGEJ MICHAJLOWITSCH EISENSTEIN, eine Übersicht,
hrg. vom Österreichischen Filmmuseum, Wien
[Zusammengestellt von Peter Konlechner und Peter
Kubelka Übersetzungen aus dem Russischen Herwig
Kraft] Wien, 1964 95 p. 19 cm.
PN1998 A3E569 68-87713

SHESTOV, LEV, 1866-1938
Le Pouvoir des clefs (Potestas clavium) [par]
Léon Chestov. Traduction de Boris de Schloezer
Précédé de Rencontres avec Léon Chestov, par
Benjamin Fondane Paris, Flammarion, 1957.
341 p. 21 cm Translation of Vlast' kluchei
B4259 S52F7 1967 68-90953

SHKLOVSKII, I S

Univers, vie, raison, c'est pourquoi nous irons
dans l'espace [par] I. Shklovskii. [Traduit du russe
par Robert Giraud] Paris, Éditions Planète, 1967
293 p. 20 cm Translation of Vselennaia, zhizn',
razum
QB54 S524 68-90718

SUTTNER, ERNST CHRISTOPH

Offenbarung, Gnade und Kirche bei A. S. Chomja-
kov Würzburg, Augustinus-Verlag, 1967 200 p.
22 cm (Das östliche Christentum, n. F., Heft 20)
BX597. K558 68-87676

TARSIS, VALERII

Russland und die Russen. [Von] Valerij Tarsis
(Übersetzt aus dem Russischen) Luzern, Frank-
furt/M., Bucher, 1967 221 p. 28 cm
DK28 T2854 68-87337

TROYAT, HENRI, 1911-

Tolstoj [Nouvelle édition] Paris, Fayard,
1967 893 p. 22 cm
PG3385 T87 1967 68-85592

VENZKY, GABRIELE.

Die russisch-deutsche Legion in den Jahren 1811-
1815. Wiesbaden, Harrassowitz, 1966 193 p.
24 cm (Veröffentlichungen des Osteuropa-Institutes
München, Bd. 30)
DD103 V4 1966 68-89869

VOGT, HARTMUT.

Die Erwachsenenbildung in der Sowjetunion Ber-
lin, C. Heymann [1963?] 56 p. 21 cm.
LC5256 R8V6 68-37513

VOGT, HARTMUT

Schwerpunkte und Probleme der Bildungsreform in
der Sowjetunion [Stuttgart, Verband Würt. Volk-
shochschulen, 1964] 39 p. 21 cm (Schriftenreihe
des Verbandes Württembergischer Volkshochschulen,
Nr. 6)
LA832 V59 68-32955

ZUBOW, VALENTIN, Graf.

Eine Welt ändert ihr Gesicht, Erinnerungen aus den
Jahren der russischen Revolution (1917-1925) Mün-
chen, W. Fink, 1967 160 p. 21 cm.
DK265.7 Z3 68-91424

ZUL'FUGARLY, D. I.

Verbreitung der Sporenelemente in Kaustobiolithen,
Organismen, Sedimentgesteinen und Schichtwässern,
von D. I. Zul'fugarly. [Übersetzer W. Oestreich]
Leipzig, Deutscher Verlag für Grundstoffindustrie,
1964 296 p. 23 cm. Translation of Rasprostranenie
mikroelementov v kaustobiolitakh.
QE515 Z615 68-91083

